

AIMS Publications for Financial Year 2024 - 2025: Journal Articles

No.	Hyperlink	Title	Publication Type	AIMS Authors	All Authors	Source	Volume No.	Publication Date	Publication Year	Open Access	DOI number
1	A global atlas of soil viruses reveals unexplored biodiversity and potential biogeochemical impacts	A global atlas of soil viruses reveals unexplored biodiversity and potential biogeochemical impacts	Journal Article	Yun Kit Yeoh (as a member of the Soil Virosphere Consortium)	Emily B. Graham, Antonio Pedro Camargo, Ruonan Wu, Russell Y. Neches, Matt Nolan, David Paez-Espino, Nikos C. Kyrpides, Janet K. Jansson, Jason E. McDermott, Kirsten S. Hofmockel & the Soil Virosphere Consortium	Nature Microbiology	9	Jul-24	2024	Yes	10.1038/s41564-024-01686-x
2	Can juvenile supply predict future abundance of large-bodied reef fishes?	Can juvenile supply predict future abundance of large-bodied reef fishes?	Journal Article	Shaun K Wilson, Martial Depczynski, Christopher J Fulton, Matthew J Birt, Ben Radford, Cal Faubel	Shaun K Wilson, Martial Depczynski, Christopher J Fulton, Thomas H Holmes, Jordan S Goetze, Matthew J Birt, Ben Radford, Paul Tinkler, Richard D Evans, Molly Moustaka, Cal Faubel, Mae Noble	Marine Environmental Research	199	Jul-24	2024	Yes	10.1016/j.marenvres.2024.106607
3	Evaluating error sources to improve precision in the co-registration of underwater 3D models	Evaluating error sources to improve precision in the co-registration of underwater 3D models	Journal Article	Marine A.A. Lechene, Eoghan A. Aston, Sophie E. Gordon, Renata Ferrari	Marine A.A. Lechene, Will F. Figueira, Nicholas J. Murray, Eoghan A. Aston, Sophie E. Gordon, Renata Ferrari	Ecological Informatics	81	Jul-24	2024	Yes	10.1016/j.ecoinf.2024.102632
4	Identifying priority sites for whale shark ship collision management globally	Identifying priority sites for whale shark ship collision management globally	Journal Article	Conrad W Speed	Freya C. Womersley, Christoph A. Rohner, Kátya Abrantes, Pedro Afonso, Shin Arunrugstichai, Steffen S. Bach, Shir Bar, Adi Barash, Peter Barnes, Adam Barnett, Ginevra Boldrocchi, Noemie Buffat, Tom Canon, Clara Canovas Perez, Metavee Chuangcharoendee, Jesse E.M. Cochran, Rafael de la Parra, Stella Diamant, William Driggers, Christine L. Dudgeon, Mark V. Erdmann, Richard Fitzpatrick, Anna Flam, Jorge Fontes, Gemma Francis, Beatriz Eugenia Galvan, Rachel T. Graham, Sofia M. Green, Jonathan R. Green, Ya'ara Grosmark, Hector M. Guzman, Royale S. Hardenstine, Maria Harvey, Jessica Harvey-Carroll, Abdi Wunanto Hasan, Alex R. Hearn, Jill M. Hendon, Mochamad Iqbal Herwata Putra, Mahardika Rizqi Himawan, Eric Hoffmayer, Jason Holmberg, Hua Hsun Hsu, Mohammed Y. Jaidah, Ashlee Jansen, Christy Judd, Baraka Kuguru, Emily Lester, Bruno C.L. Macena, Kirsty Magson, Rossana Maguiño, Mabel Manjaji-Matsumoto, Stacia D. Marcoux, Travis Marcoux, Jennifer McKinney, Mark Meekan, Alejandra Mendoza, Muhammad Moazzam, Emily Monacella, Brad Norman, Cameron Perry, Simon Pierce, Clare Prebble, Dení Ramírez Macías, Holly Raudino, Samantha Reynolds, David Robinson, David Rowat, Mudjekeewis D. Santos, Jennifer Schmidt, Chad Scott, Sian Tian See, Abraham Sianipar, Conrad W. Speed, Ismail Syakurachman, Julian A. Tyne, Kelly Waples, Chloe Winn, Ranny R. Yuneni, Irthisham Zareer, Gonzalo Araujo	Science of the Total Environment	934	Jul-24	2024	Yes	10.1016/j.scitotenv.2024.172776
5	Influence of body size and environmental conditions on parasite assemblages of the black-spotted croaker (Protonibea diacanthus) (Teleostei: Sciaenidae) in northern Australia	Influence of body size and environmental conditions on parasite assemblages of the black-spotted croaker (Protonibea diacanthus) (Teleostei: Sciaenidae) in northern Australia	Journal Article	Jo Randall	Megan Porter, Diane P. Barton, Joel Williams, Jo Randall, Otso Ovaskainen, David A. Crook and Shokoofeh Shamsi	Parasitology	151	Jul-24	2024	Yes	10.1017/S0031182024001008
6	Offshore oil and gas infrastructure plays a minor role in marine metapopulation dynamics - ScienceDirect	Offshore oil and gas infrastructure plays a minor role in marine metapopulation dynamics	Journal Article	Ronen Galaiduk, Dianne L. McLean, Conrad W. Speed, Eric A. Trembl	Ronen Galaiduk, Dianne L. McLean, Conrad W. Speed, Dougal Greer, Rhys McIntosh, Eric A. Trembl	Science of the Total Environment	934	Jul-24	2024	Yes	10.1016/j.scitotenv.2024.172981
7	Recreational vessel networks reveal potential hot spots for marine pest introduction and spread	Recreational vessel networks reveal potential hot spots for marine pest introduction and spread	Journal Article	Eric A. Trembl	Kyle Hilliam, Eric A. Trembl, Simone Stevenson, Oliver Floerl	Journal of Applied Ecology	61	Jul-24	2024	Yes	10.1111/1365-2664.14660
8	Response of Microbial Communities to Naturally Occurring Radioactive Material–Contaminated Sediments: A Microcosm-Based Study	Response of Microbial Communities to Naturally Occurring Radioactive Material–Contaminated Sediments: A Microcosm-Based Study	Journal Article	Darren Koppel	Amy MacIntosh, Katherine Dafforn, Anthony Chariton, Darren Koppel, Tom Cresswell, Francesca Gissi	Environmental Toxicology and Chemistry	43	Jul-24	2024	Yes	10.1002/etc.5887
9	Unique photosynthetic strategies employed by closely related Breviolum minutum strains under rapid short-term cumulative heat stress	Unique photosynthetic strategies employed by closely related Breviolum minutum strains under rapid short-Term cumulative heat stress	Journal Article	Matthew R Nitschke	Pranali Deore, Sarah Jane Tsang Min Ching, Matthew R Nitschke, David Rudd, Douglas R Brumley, Elizabeth Hinde, Linda L Blackall, Madeleine J H van Oppen	Journal of Experimental Botany	75	Jul-24	2024	Yes	10.1093/jxb/erae170
10	Whole-genome duplication in an algal symbiont bolsters coral heat tolerance	Whole-genome duplication in an algal symbiont bolsters coral heat tolerance	Journal Article	Madeleine J. H. van Oppen	Katherine E. Dougan, Anthony J. Bellantuono, Tim Kahlke, Raffaella M. Abbriano, Yibi Chen, Sarah Shah, Camila Granados-Cifuentes, Madeleine J. H. van Oppen, Debashish Bhattacharya, David J. Suggett, Mauricio Rodríguez-Lanetty, and Cheong Xin Chan	Science Advances	10	Jul-24	2024	Yes	10.1126/sciadv.adn2218
11	Chromosomal inversions harbour excess mutational load in the coral, Acropora kenti, on the Great Barrier Reef	Chromosomal inversions harbour excess mutational load in the coral, Acropora kenti, on the Great Barrier Reef	Journal Article	Cynthia Riginos, Line Bay	Jia Zhang, Nadja M. Schneller, Matt A. Field, Cheong Xin Chan, David J. Miller, Jan M. Strugnell, Cynthia Riginos, Line Bay, Ira Cooke	Molecular Ecology	33	Aug-24	2024	Yes	10.1111/mec.17468
12	Coral Sr/Ca-SST reconstruction from Fiji extending to ~1370 CE reveals insights into the Interdecadal Pacific Oscillation	Coral Sr/Ca-SST reconstruction from Fiji extending to ~1370 CE reveals insights into the Interdecadal Pacific Oscillation	Journal Article	Jens Zinke	Juan P. D’Olivo, Jens Zinke, Rishav Goyal, Matthew H. England, Ariaan Purich, Thierry Corrège, Eduardo Zorita, Denis Scholz, Michael Weber, and José D. Carriquiry	Science Advances	10	Aug-24	2024	Yes	10.1126/sciadv.ad05107

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13	eDNA monitoring detects new outbreak wave of corallivorous seastar (Acanthaster cf. solaris) at Lizard Island, Great Barrier Reef	eDNA monitoring detects new outbreak wave of corallivorous seastar (Acanthaster cf. solaris) at Lizard Island, Great Barrier Reef	Journal Article	Sven Uthicke, Jason R. Doyle, Maria Gomez Cabrera, Frances Patel, Madi J. McLatchie	Sven Uthicke, Jason R. Doyle, Maria Gomez Cabrera, Frances Patel, Madi J. McLatchie, Peter C. Doll, Josie F. Chandler & Morgan S. Pratchett	Coral Reefs	43	Aug-24	2024	Yes	10.1007/s00338-024-02506-8
14	Effects of material type and surface roughness of settlement tiles on macroalgal colonisation and early coral recruitment success	Effects of material type and surface roughness of settlement tiles on macroalgal colonisation and early coral recruitment success	Journal Article	Blake D. Ramsby, Florita Flores, Andrea Severati, Andrew P. Negri	Jenny Fong, Blake D. Ramsby, Florita Flores, Tewodros Dada, Elsa Antunes, Muhammad Azmi Abdul Wahab, Andrea Severati, Andrew P. Negri & Guillermo Diaz-Pulido	Coral Reefs	43	Aug-24	2024	Yes	10.1007/s00338-024-02526-4
15	Highest ocean heat in four centuries places Great Barrier Reef in danger	Highest ocean heat in four centuries places Great Barrier Reef in danger	Journal Article	Janice M. Lough	Benjamin J. Henley, Helen V. McGregor, Andrew D. King, Ove Hoegh-Guldberg, Ariella K. Arzey, David J. Karoly, Janice M. Lough, Thomas M. DeCarlo & Braddock K. Linsley	Nature	632	Aug-24	2024	Yes	10.1038/s41586-024-07672-x
16	Increasing disturbance frequency undermines coral reef recovery	Increasing disturbance frequency undermines coral reef recovery	Journal Article	Michael J. Emstie, Murray Logan, Peran Bray, Daniela M. Ceccarelli, Alistair J. Cheal, Kerryn A. Johns, Michelle J. Jonker, Emma V. Kennedy, Ian R. Miller, Kate Osborne, Marji Puotinen, Tane Sinclair-Taylor, Hugh Sweatman	Michael J. Emstie, Murray Logan, Peran Bray, Daniela M. Ceccarelli, Alistair J. Cheal, Terry P. Hughes, Kerryn A. Johns, Michelle J. Jonker, Emma V. Kennedy, James T. Kerry, Camille Mellin, Ian R. Miller, Kate Osborne, Marji Puotinen, Tane Sinclair-Taylor, Hugh Sweatman	Ecological Monographs	94	Aug-24	2024	No	10.1002/ecm.1619
17	Paired metabolomics and volatilomics provides insight into transient high light stress response mechanisms of the coral Montipora mollis	Paired metabolomics and volatilomics provides insight into transient high light stress response mechanisms of the coral Montipora mollis	Journal Article	David J. Hughes	Natasha Bartels, Jennifer L. Matthews, Caitlin A. Lawson, Malcolm Possell, David J. Hughes, Jean-Baptiste Raina & David J. Suggett	Metabolomics	20	Aug-24	2024	Yes	10.1007/s11306-024-02136-9
18	Shining light on the coral photosymbiont family Symbiodiniaceae	Shining light on the coral photosymbiont family Symbiodiniaceae	Journal Article	Madeleine J. H. van Oppen	Madeleine J. H. van Oppen	Nature Microbiology	9	Aug-24	2024	No	10.1038/s41564-024-01745-3
19	The AutoSpawner system - Automated ex situ spawning and fertilisation of corals for reef restoration	The AutoSpawner system - Automated ex situ spawning and fertilisation of corals for reef restoration	Journal Article	Andrea Severati, F. Mikaela Nordborg, Andrew Heyward, Muhammad A. Abdul Wahab, Christopher A. Brunner, Jose Montalvo-Proano, Andrew P. Negri	Andrea Severati, F. Mikaela Nordborg, Andrew Heyward, Muhammad A. Abdul Wahab, Christopher A. Brunner, Jose Montalvo-Proano, Andrew P. Negri	Journal of Environmental Management	366	Aug-24	2024	Yes	10.1016/j.jenvman.2024.121886
20	VOGDB—Database of Virus Orthologous Groups	VOGDB—Database of Virus Orthologous Groups	Journal Article	Nicole Suzanne Webster, Patrick William Laffy	Lovro Trgovec-Greif, Hans-Jörg Hellinger, Jean Mainguy, Alexander Pfundner, Dmitrij Frishman, Michael Kiening, Nicole Suzanne Webster, Patrick William Laffy, Michael Feichtinger and Thomas Rattei	Viruses	16	Aug-24	2024	Yes	10.3390/v16081191
21	A remote sensing model for coral recruitment habitat	A remote sensing model for coral recruitment habitat	Journal Article	Ben Radford, Marji Puotinen, Defne Sahin, Nader Boutros, Mathew Wyatt, James Gilmour	Ben Radford, Marji Puotinen, Defne Sahin, Nader Boutros, Mathew Wyatt, James Gilmour	Remote Sensing of Environment	311	Sep-24	2024	Yes	10.1016/j.rse.2024.114231
22	Benthic communities influence coral seeding success at fine spatial scales	Benthic communities influence coral seeding success at fine spatial scales	Journal Article	Cathie A. Page, Christine Giuliano, Carly J. Randall	Cathie A. Page, Christine Giuliano, Carly J. Randall	Restoration Ecology	32	Sep-24	2024	Yes	10.1111/rec.14212
23	Comparative genomics identifies key adaptive traits of sponge-associated microbial symbionts	Comparative genomics identifies key adaptive traits of sponge-associated microbial symbionts	Journal Article	Paul A. O'Brien, Nicole S. Webster, David G. Bourne	Paul A. O'Brien, Steven J. Robbins, Shangjin Tan, Laura Rix, David J. Miller, Nicole S. Webster, Guojie Zhang, David G. Bourne	Environmental Microbiology	26	Sep-24	2024	Yes	10.1111/1462-2920.16690
24	Interspecific hybridisation provides a low-risk option for increasing genetic diversity of reef-building corals	Interspecific hybridisation provides a low-risk option for increasing genetic diversity of reef-building corals	Journal Article	Annika M. Lamb, Lesa M. Peplow, Sophie N. Ferguson, Craig A. Humphrey, Guy A. McCutchan, Matthew R. Nitschke, Madeleine J. H. van Oppen	Annika M. Lamb, Lesa M. Peplow, Ashley M. Dungan, Sophie N. Ferguson, Peter L. Harrison, Craig A. Humphrey, Guy A. McCutchan, Matthew R. Nitschke, Madeleine J. H. van Oppen	Biology Open	13	Sep-24	2024	Yes	10.1242/bio.060482
25	Pushing the limits: expanding the temperature tolerance of a coral photosymbiont through differing selection regimes	Pushing the limits: expanding the temperature tolerance of a coral photosymbiont through differing selection regimes	Journal Article	Hugo J. Scharfenstein, Lesa M. Peplow, Carlos Alvarez-Roa, Matthew R. Nitschke, Madeleine J. H. van Oppen	Hugo J. Scharfenstein, Lesa M. Peplow, Carlos Alvarez-Roa, Matthew R. Nitschke, Wing Yan Chan, Patrick Buerger, Madeleine J. H. van Oppen	New Phytologist	243	Sep-24	2024	Yes	10.1111/nph.19996
26	Substrate availability may limit the response of tropical bacterioplankton biomass to warming	Substrate availability may limit the response of tropical bacterioplankton biomass to warming	Journal Article	Christian Lønborg	Xosé Anxelu G. Morán, Maria Ll. Calleja, Federico Baltar, Luis Silva, Mohd Ikram Ansari, Paloma Carrillo de Albornoz, Carlos M. Duarte, Christian Lønborg	Limnology and Oceanography	69	Sep-24	2024	Yes	10.1002/lno.12647
27	Synthetic data for reef modelling	Synthetic data for reef modelling	Journal Article	Rose Crocker, Barbara J. Robson, Chinenye Ani, Ken Anthony, Takuya Iwanaga	Rose Crocker, Barbara J. Robson, Chinenye Ani, Ken Anthony, Takuya Iwanaga	Ecological Informatics	82	Sep-24	2024	Yes	10.1016/j.ecoinf.2024.102698
28	Thermal tolerance traits of individual corals are widely distributed across the Great Barrier Reef	Thermal tolerance traits of individual corals are widely distributed across the Great Barrier Reef	Journal Article	Line K. Bay, Véronique J. L. Mocellin	Hugo Denis, Line K. Bay, Véronique J. L. Mocellin, Melissa S. Naugle, Gaël Lecellier, Steven W. Purcell, Véronique Berteaux-Lecellier and Emily J. Howells	Proceedings of the Royal Society B: Biological Sciences	291	Sep-24	2024	Yes	10.1098/rspb.2024.0587
29	Urbanisation and boating are the main contributors to underwater soundscapes in three temperate estuaries	Urbanisation and boating are the main contributors to underwater soundscapes in three temperate estuaries	Journal Article	Miles Parsons	Brittney Valenzisi, Miles Parsons, Megan Huggett, Vincent Raoult, Troy Gaston	Marine Pollution Bulletin	206	Sep-24	2024	Yes	10.1016/j.marpolbul.2024.116792
30	Value chain analysis of a women-dominated wild-caught mud crab fishery	Value chain analysis of a women-dominated wild-caught mud crab fishery	Journal Article	Yashika Nand	Sangeeta Mangubhai, Margaret Fox, Yashika Nand, Natalie Mason	Fish and Fisheries	25	Sep-24	2024	Yes	10.1111/faf.12838

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31	Global riverine land-to-ocean carbon export constrained by observations and multi-model assessment Nature Geoscience	Global riverine land-to-ocean carbon export constrained by observations and multi-model assessment	Journal Article	Kay L. Davis	Maodian Liu; Peter A. Raymond; Ronny Lauerwald; Qianru Zhang; Gerrit Trapp-Müller; Kay L. Davis; Nils Moosdorf; Changhao Xiao; Jack J. Middelburg; Alexander F. Bouwman; Arthur H. W. Beusen; Changhui Peng; Fabrice Lacroix; Hanqin Tian; Junjie Wang; Mingxu Li; Qiuhan Zhu; Sagy Cohen; Wim J. van Hoek; Ya Li; Yangmingkai Li; Yuanzhi Yao; Pierre Regnier	Nature Geoscience	17	Sep-24	2024	No	10.1038/s41561-024-01524-z
32	Comparison of juvenile coral assemblages between Australia's Coral Sea and Great Barrier Reef Marine Parks	Comparison of juvenile coral assemblages between Australia's Coral Sea and Great Barrier Reef Marine Parks	Journal Article	Cassandra A. Thompson	Deborah Burn, Andrew S. Hoey, Chiara Pisapia, Josie F. Chandler, Cassandra A. Thompson & Morgan S. Pratchett	Coral Reefs	43	Oct-24	2024	Yes	10.1007/s0038-024-02541-5
33	Regional-scale disturbances drive long-term decline of inshore coral reef fish assemblages in the Great Barrier Reef Marine Park	Regional-scale disturbances drive long-term decline of inshore coral reef fish assemblages in the Great Barrier Reef Marine Park	Journal Article	Daniela M. Ceccarelli, Murray Logan, Marji Puotinen, Tane Sinclair-Taylor	Daniela M. Ceccarelli, Murray Logan, Richard D. Evans, Geoffrey P. Jones, Marji Puotinen, Caroline Petus, Garry R. Russ, Tane Sinclair-Taylor, Maya Srinivasan, David H. Williamson	Global Change Biology	30	Oct-24	2024	No	10.1111/gcb.17506
34	Rock and roll: experiments on substrate movement and coral settlement	Rock and roll: experiments on substrate movement and coral settlement	Journal Article	Christine Giuliano, Cathie A. Page & Carly J. Randall	Andrew Heyward, Christine Giuliano, Cathie A. Page & Carly J. Randall	Coral Reefs	43	Oct-24	2024	Yes	10.1007/s0038-024-02547-z
35	Spawning window and fecundity in three Acroporid corals from the environmentally variable semi-enclosed lagoon of Bouraké	Spawning window and fecundity in three Acroporid corals from the environmentally variable semi-enclosed lagoon of Bouraké	Journal Article	Carly J. Randall	Cinzia Alessi, Carly J. Randall, Mahe Dumas, Hugues Lemonnier & Riccardo Rodolfo-Metalpa	Coral Reefs	43	Oct-24	2024	No	10.1007/s0038-024-02551-3
36	The Development of a Floating Mono-Particle “Sun Shield” to Protect Corals from High Irradiance during Bleaching Conditions	The Development of a Floating Mono-Particle “Sun Shield” to Protect Corals from High Irradiance during Bleaching Conditions	Journal Article	Florita Flores, Andrea Severati, Andrew P. Negri	Joel M. P. Scofield, Emma L. Prime, Florita Flores, Andrea Severati, Mathieu Mongin, Elodie Bougeot, Mark E. Baird, Andrew P. Negri and Greg G. Qiao	Journal of Marine Science and Engineering	12	Oct-24	2024	Yes	10.3390/jmse12101809
37	The influence of crocodile density on the prevalence of human attacks	The influence of crocodile density on the prevalence of human attacks	Journal Article	Vinay Udyawer	Cameron J. Baker, Mariana A. Campbell, Vinay Udyawer, R. Keller Kopf, Hamish A. Campbell	People and Nature	6	Oct-24	2024	Yes	10.1002/pan3.10693
38	The interplay of temperature, light, and substrate type in driving growth and reproduction of an important tropical crustose coralline alga	The interplay of temperature, light, and substrate type in driving growth and reproduction of an important tropical crustose coralline alga	Journal Article	Florita Flores, Muhammad Azmi Abdul Wahab, Andrew P. Negri	Jenny Fong, Timothy L. Jackson, Florita Flores, Elsa Antunes, Muhammad Azmi Abdul Wahab, Andrew P. Negri & Guillermo Diaz-Pulido	Journal of Applied Phycology	36	Oct-24	2024	Yes	10.1007/s10811-024-03312-z
39	Upper thermal limits are ‘hard-wired’ across body mass but not populations of an estuarine fish	Upper thermal limits are ‘hard-wired’ across body mass but not populations of an estuarine fish	Journal Article	Daniel F. Gomez Isaza	Daniel F. Gomez Isaza, Essie M. Rodgers	Journal of Thermal Biology	125	Oct-24	2024	Yes	10.1016/j.jtherbio.2024.103970
40	Fertile Hybrids Could Aid Coral Adaptation	Fertile Hybrids Could Aid Coral Adaptation	Journal Article	Annika M. Lamb, Lesa M. Peplow, Wing Yan Chan, Zoe J. Crane, Glenn A. Everson, Talley E. Hite, Craig A. Humphrey, Lonidas P. Koukoumaftsis, Madeleine J. H. van Oppen	Annika M. Lamb, Lesa M. Peplow, Wing Yan Chan, Zoe J. Crane, Glenn A. Everson, Peter L. Harrison, Talley E. Hite, Ary A. Hoffmann, Craig A. Humphrey, Lonidas P. Koukoumaftsis, Madeleine J. H. van Oppen	Ecology and Evolution	14	Nov-24	2024	Yes	10.1002/ece3.70570
41	Inshore coral reef sediment and turf dynamics unaffected by canopy-forming macroalgae	Inshore coral reef sediment and turf dynamics unaffected by canopy-forming macroalgae	Journal Article	Cathie A. Page, David G. Bourne	Stella E. Fulton, Tehya Hines, Cathie A. Page, Ian M. McLeod, James Whinney, Scott F. Heron, David G. Bourne, Hillary A. Smith	Marine Pollution Bulletin	208	Nov-24	2024	Yes	10.1016/j.marpolbul.2024.117037
42	Reef visitors' observation of assisted coral recovery devices in situ reduces concern about their use	Reef visitors' observation of assisted coral recovery devices in situ reduces concern about their use	Journal Article	Rebecca Forster	Matthew I. Curnock, Rhea Arya, Emilee Chamberland, Katherine Chartrand, John Edmondson, Eric E. Fisher, Rebecca Forster, Stewart Lockie, Jennifer Loder, Danielle Nembhard, Abigail Scott, Bruce Taylor, Jasmina Uusitalo	PLoS ONE	19	Nov-24	2024	Yes	10.1371/journal.pone.0313345
43	Revealing the impact of spatial bias in survey design for habitat mapping: A tale of two sampling designs	Revealing the impact of spatial bias in survey design for habitat mapping: A tale of two sampling designs	Journal Article	Ben Radford	Stanley Mastrantonis, Tim Langlois, Ben Radford, Claude Spencer, Simon de Lestang, Sharyn Hickey	Remote Sensing Applications: Society and Environment	36	Nov-24	2024	Yes	10.1016/j.rsase.2024.101327
44	Seascape effects on the nursery function of macroalgal habitats - ScienceDirect	Seascape effects on the nursery function of macroalgal habitats	Journal Article	Shaun K. Wilson	Molly Moustaka, William D. Robbins, Shaun K. Wilson, Corey Wakefield, Michael VW. Cuttler, Michael J. O'Leary, Richard D. Evans	Marine Environmental Research	202	Nov-24	2024	Yes	10.1016/j.marenvres.2024.106767
45	Suspended Particulate Organic Matter Supports Mesopredatory Fish Across a Tropical Seascape Ecosystems	Suspended Particulate Organic Matter Supports Mesopredatory Fish Across a Tropical Seascape	Journal Article	Camille M. Grimaldi, Renee K. Gruber, Natalie Travaglione, Shaun K. Wilson	Molly Moustaka, Tahlia J. Bassett, Leah Beltran, Michael V. W. Cuttler, Richard D. Evans, Daniel Gorman, Camille M. Grimaldi, Renee K. Gruber, Glenn A. Hyndes, Gary A. Kendrick, Natalie Travaglione & Shaun K. Wilson	Ecosystems	27	Nov-24	2024	Yes	10.1007/s10021-024-00929-6
46	Timor-Leste: Preliminary assessment of a rapidly eroding landscape in the Coral Triangle	Timor-Leste: Preliminary assessment of a rapidly eroding landscape in the Coral Triangle	Journal Article	F. Tirendi	R. J. Wasson, A. L. Amaral C, J. Rouwenhorst, K. Fifield, N. Chauhan, T. Pietsch, D. M. Alongi, F. Tirendi, A. K. Singhvi	Marine and Freshwater Research	75	Nov-24	2024	Yes	10.1071/MF24156
47	Climate refugia in the Great Barrier Reef may endure into the future	Climate refugia in the Great Barrier Reef may endure into the future	Journal Article	Steinberg, C (Steinberg, Craig); Salas, EK (Salas, Eduardo Klein); Cantin, Neal E.	Sun, CJ (Sun, Chaojiao); Steinberg, C (Steinberg, Craig); Salas, EK (Salas, Eduardo Klein); Mellin, C (Mellin, Camille); Babcock, RC (Babcock, Russell C.); Schiller, A (Schiller, Andreas); Cantin, NE (Cantin, Neal E.); Stella, JS (Stella, Jessica S.); Baird, ME (Baird, Mark E.); Condie, SA (Condie, Scott A.); Hobday, AJ (Hobday, Alistair J.); Herzfeld, M (Herzfeld, Mike); Jones, NL (Jones, Nicole L.); Zhang, XB (Zhang, Xuebin); Chamberlain, MA (Chamberlain, Matthew A.); Fiedler, R (Fiedler, Russ); Green, C (Green, Cody); Steven, ADL (Steven, Andrew D. L.)	Science Advances	10	Nov-24	2024	Yes	10.1126/sciadv.ado6884

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48	Ecosystem transplant from a healthy reef boosts coral health at a degraded reef	Ecosystem transplant from a healthy reef boosts coral health at a degraded reef	Journal Article	David G. Bourne; Jin Yan Lim	Natalie Levy, Joseane A. Marques, Noa Simon-Blecher, David G. Bourne, Tirza Doniger, Jennifer I. C. Benichou, Jin Yan Lim, Ezri Tarazi & Oren Levy	Nature Communications	15	Nov-24	2024	Yes	10.1038/s41467-024-54149-6
49	A genome-centric view of the role of the Acropora kenti microbiome in coral health and resilience	A genome-centric view of the role of the Acropora kenti microbiome in coral health and resilience	Journal Article	David G. Bourne, Sara C. Bell,	Lauren F. Messer, David G. Bourne, Steven J. Robbins, Megan Clay, Sara C. Bell, Simon J. McIlroy & Gene W. Tyson	Nature Communications	15	Dec-24	2024	Yes	10.1038/s41467-024-46905-5
50	A mass spectrometry database for the identification of marine animal saponin-related metabolites	A mass spectrometry database for the identification of marine animal saponin-related metabolites	Journal Article	Cherie A. Motti	Stuart J. Smith, Scott F. Cummins, Cherie A. Motti & Tianfang Wang	Analytical and Bioanalytical Chemistry	416	Dec-24	2024	Yes	10.1007/s00216-024-05586-1
51	A portable multi-taxa phenotyping device to retrieve physiological performance traits	A portable multi-taxa phenotyping device to retrieve physiological performance traits	Journal Article	David J. Hughes	Hadley England, Andrei Herdean, Jennifer Matthews, David J. Hughes, Christine D. Roper, David J. Suggett, Christian R. Voolstra & Emma F. Camp	Scientific Reports	14	Dec-24	2024	Yes	10.1038/s41598-024-71972-5
52	Application of a Multispecies Pulse-Exposure Microalgal Bioassay to Assess Duration and Time-of-Day Influences on the Toxicity of Chemicals	Application of a Multispecies Pulse-Exposure Microalgal Bioassay to Assess Duration and Time-of-Day Influences on the Toxicity of Chemicals	Journal Article	Darren J. Koppel	Sarah Stone, Darren J. Koppel, Monique T. Binetl Dianne F. Jolley, Stuart L. Simpson	Environmental Science and Technology	58	Dec-24	2024	No	10.1021/acs.est.4c07875
53	Bayesian design methods for improving the effectiveness of ecosystem monitoring	Bayesian design methods for improving the effectiveness of ecosystem monitoring	Journal Article	Camille Mellin	A. W. L. Pubudu Thilan, Erin Peterson, Patricia Menéndez, Julian Caley, Christopher Drovandi, Camille Mellin & James McGree	Environmental and Ecological Statistics	31	Dec-24	2024	Yes	10.1007/s10651-024-00623-9
54	Bisphenol A leachate from polystyrene microplastics has species-specific impacts on scleractinian corals	Bisphenol A leachate from polystyrene microplastics has species-specific impacts on scleractinian corals	Journal Article	Cherie A Motti	Emily A. Washington, Allison S. Paley, Alexandra M. Gulizia, Cherie A. Motti, George Vamvounis, Mia O. Hoogenboom	Science of the Total Environment	957	Dec-24	2024	Yes	10.1016/j.scitotenv.2024.177604
55	Capturing fine-scale coral dynamics with a metacommunity modelling framework	Capturing fine-scale coral dynamics with a metacommunity modelling framework	Journal Article	Anna K. Cresswell, Vanessa Haller-Bull, Manuel Gonzalez-Rivero, James P. Gilmour, Diego R. Barneche, Barbara Robson, Kenneth R. N. Anthony, Veronique Lago, Juan-Carlos Ortiz	Anna K. Cresswell, Vanessa Haller-Bull, Manuel Gonzalez-Rivero, James P. Gilmour, Yves-Marie Bozec, Diego R. Barneche, Barbara Robson, Kenneth R. N. Anthony, Christopher Doropoulos, Chris Roelfsema, Mitchell Lyons, Peter J. Mumby, Scott Condie, Veronique Lago & Juan-Carlos Ortiz	Scientific Reports	14	Dec-24	2024	Yes	10.1038/s41598-024-73464-y
56	Chromosome-level genome assemblies and genetic maps reveal heterochiasmy and macrosynteny in endangered Atlantic Acropora	Chromosome-level genome assemblies and genetic maps reveal heterochiasmy and macrosynteny in endangered Atlantic Acropora	Journal Article	Holland Elder	Nicolas S. Locatelli, Sheila A. Kitchen, Kathryn H. Stankiewicz, C. Cornelia Osborne, Zoe Dellaert, Holland Elder, Bishoy Kamel, Hanna R. Koch, Nicole D. Fogarty & Iliana B. Baums	BMC Genomics	25	Dec-24	2024	Yes	10.1186/s12864-024-11025-3
57	Climate-driven global redistribution of an ocean giant predicts increased threat from shipping	Climate-driven global redistribution of an ocean giant predicts increased threat from shipping	Journal Article	Luciana C. Ferreira	Freya C. Womersley, Lara L. Sousa, Nicolas E. Humphries, Kátya Abrantes, Gonzalo Araujo, Steffen S. Bach, Adam Barnett, Michael L. Berumen, Sandra Bessudo Lion, Camrin D. Braun, Elizabeth Clingham, Jesse E. M. Cochran, Rafael de la Parra, Stella Diamant, Alistair D. M. Dove, Carlos M. Duarte, Christine L. Dudgeon, Mark V. Erdmann, Eduardo Espinoza, Luciana C. Ferreira, Richard Fitzpatrick, Jaime González Cano, Jonathan R. Green, Hector M. Guzman, Royale Hardenstine, Abdi Hasan, Fábio H. V. Hazin, Alex R. Hearn, Robert E. Hueter, Mohammed Y. Jaidah, Jessica Labaja, Felipe Ladino, Bruno C. L. Macena, Mark G. Meekan, John J. Morris Jr., Bradley M. Norman, Cesar R. Peñaherrera-Palma, Simon J. Pierce, Lina María Quintero, Dení Ramírez-Macías, Samantha D. Reynolds, David P. Robinson, Christoph A. Rohner, David R. L. Rowat, Ana M. M. Sequeira, Marcus Sheaves, Mahmood S. Shivji, Abraham B. Sianipar, Gregory B. Skomal, German Soler, Ismail Syakurachman, Simon R. Thorrold, Michele Thums, John P. Tyminski, D. Harry Webb, Bradley M. Wetherbee, Nuno Queiroz & David W. Sims	Nature Climate Change	14	Dec-24	2024	Yes	10.1038/s41585-024-02129-5
58	Connectivity modelling identifies sources and sinks of coral recruitment within reef clusters	Connectivity modelling identifies sources and sinks of coral recruitment within reef clusters	Journal Article	Chinenye J. Ani, Vanessa Haller-Bull, James P. Gilmour, Barbara J. Robson	Chinenye J. Ani, Vanessa Haller-Bull, James P. Gilmour & Barbara J. Robson	Scientific Reports	14	Dec-24	2024	Yes	10.1038/s41598-024-64388-8
59	Coral-seeding devices with fish-exclusion features reduce mortality on the Great Barrier Reef	Coral-seeding devices with fish-exclusion features reduce mortality on the Great Barrier Reef	Journal Article	T. N. Whitman, M. O. Hoogenboom, A. P. Negri & C. J. Randall	T. N. Whitman, M. O. Hoogenboom, A. P. Negri & C. J. Randall	Scientific Reports	14	Dec-24	2024	Yes	10.1038/s41598-024-64294-z
60	Decline of a distinct coral reef holobiont community under ocean acidification	Decline of a distinct coral reef holobiont community under ocean acidification	Journal Article	Katharina E. Fabricius	Jake Williams, Nathalie Pettoirelli, Aaron C. Hartmann, Robert A. Quinn, Laetitia Plaisance, Michael O'Mahoney, Chris P. Meyer, Katharina E. Fabricius, Nancy Knowlton & Emma Ransome	Microbiome	12	Dec-24	2024	Yes	10.1186/s40168-023-01683-y
61	Decoupling of strain- and intrastrain-level interactions of microbiomes in a sponge holobiont	Decoupling of strain- and intrastrain-level interactions of microbiomes in a sponge holobiont	Journal Article	Nicole S. Webster	Wenxiu Wang, Weizhi Song, Marwan E. Majzoub, Xiaoyuan Feng, Bu Xu, Jianchang Tao, Yuanqing Zhu, Zhiyong Li, Pei-Yuan Qian, Nicole S. Webster, Torsten Thomas & Lu Fan	Nature Communications	15	Dec-24	2024	Yes	10.1038/s41467-024-52464-6

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No.	Hyperlink	Title	Publication Type	AIMS Authors	All Authors	Source	Volume No.	Publication Date	Publication Year	Open Access	DOI number
62	From little things big things grow: enhancement of an acoustic telemetry network to monitor broad-scale movements of marine species along Australia's east coast	From little things big things grow: enhancement of an acoustic telemetry network to monitor broad-scale movements of marine species along Australia's east coast	Journal Article	Stacy L. Bierwagen, Vinay Udyawer, Ingo B. Miller, Leanne M. Currey-Randall	Adam Barnett, Fabrice R. A. Jaine, Stacy L. Bierwagen, Nicolas Lubitz, Kátya Abrantes, Michelle R. Heupel, Rob Harcourt, Charlie Huveneers, Ross G. Dwyer, Vinay Udyawer, Colin A. Simpfendorfer, Ingo B. Miller, Tracey Scott-Holland, Carley S. Kilpatrick, Samuel M Williams, Daniel Smith, Christine L. Dudgeon, Andrew S. Hoey, Richard Fitzpatrick, Felicity E. Osborne, Amy F. Smoothey, Paul A. Butcher, Marcus Sheaves, Eric E. Fisher, Mark Svaikauskas, Megan Ellis, Shiori Kanno, Benjamin J. Cresswell, Nicole Flint, Asia O. Armstrong, Kathy A. Townsend, Jonathan D. Mitchell, Matthew Campbell, Victor M. Peddemors, Johan A. Gustafson & Leanne M. Currey-Randall	Movement Ecology	12	Dec-24	2024	Yes	10.1186/s40462-024-00468-8
63	Global patterns and drivers of fish reproductive potential on coral reefs	Global patterns and drivers of fish reproductive potential on coral reefs	Journal Article	Diego R. Barneche	Jeneen Hadj-Hammou, Joshua E. Cinner, Diego R. Barneche, Iain R. Caldwell, David Mouillot, James P. W. Robinson, Nina M. D. Schiettekatte, Alexandre C. Siqueira, Brett M. Taylor & Nicholas A. J. Graham	Nature Communications	15	Dec-24	2024	Yes	10.1038/s41467-024-50367-0
64	Half a century of citizen science tag-recapture data reveals stock delineation and cross-jurisdictional connectivity of an iconic pelagic fish	Half a century of citizen science tag-recapture data reveals stock delineation and cross-jurisdictional connectivity of an iconic pelagic fish	Journal Article	Vinay Udyawer	Belinda K. Goddard, Tristan A. Guillemin, Hayden T. Schilling, Julian M. Hughes, Stephanie Brodie, Corey P. Green, Robert Harcourt, Charlie Huveneers, Daniel Ierodiasconou, Iain M. Suthers, Matthew D. Taylor, Sean R. Tracey, Victoria Camilieri-Asch, Thomas M. Clarke, Ross G. Dwyer, Clay Hilbert, John Holdsworth, Jonathan Mitchell, Julian Pepperrell, Emma Simpson, Vinay Udyawer & Fabrice R. A. Jaine	Reviews in Fish Biology and Fisheries	34	Dec-24	2024	Yes	10.1007/s11160-024-09880-0
65	Heat tolerance varies considerably within a reef-building coral species on the Great Barrier Reef	Heat tolerance varies considerably within a reef-building coral species on the Great Barrier Reef	Journal Article	Véronique J. L. Mocellin, Patrick W. Laffy, Iva Popovic, Line K. Bay	Melissa S. Naugle, Hugo Denis, Véronique J. L. Mocellin, Patrick W. Laffy, Iva Popovic, Line K. Bay & Emily J. Howells	Communications Earth and Environment	5	Dec-24	2024	Yes	10.1038/s43247-024-01649-4
66	Increased resilience and a regime shift reversal through repeat mass coral bleaching	Increased resilience and a regime shift reversal through repeat mass coral bleaching	Journal Article	Shaun K. Wilson	Nicholas A. J. Graham, Shaun K. Wilson, Cassandra E. Benkwitt, Rodney Bonne, Rodney Govinden, James P. W. Robinson	Ecology Letters	27	Dec-24	2024	Yes	10.1111/ele.14454
67	Insights into the transcriptomic responses of silver-lipped pearl oysters Pinctada maxima exposed to a simulated large-scale seismic survey	Insights into the transcriptomic responses of silver-lipped pearl oysters Pinctada maxima exposed to a simulated large-scale seismic survey	Journal Article	Conrad Speed, Miles J.G. Parsons	Cecile Dang, Anita A. Severn-Ellis, Philipp Bayer, Nicole Anderson, Hosna Gholipour-Kanani, Jacqueline Batley, Robert D. McCauley, Ryan D. Day, Jayson M. Semmens, Conrad Speed, Mark G. Meekan & Miles J.G. Parsons	BMC Genomics	25	Dec-24	2024	Yes	10.1186/s12864-024-11091-7
68	Larval precompetency and settlement behaviour in 25 Indo-Pacific coral species	Larval precompetency and settlement behaviour in 25 Indo-Pacific coral species	Journal Article	Carly J. Randall, Christine Giuliano, Briony Stephenson, Taylor N. Whitman, Cathie A. Page, Eric A. Trembl, Murray Logan & Andrew P. Negri	Carly J. Randall, Christine Giuliano, Briony Stephenson, Taylor N. Whitman, Cathie A. Page, Eric A. Trembl, Murray Logan & Andrew P. Negri	Communications Biology	7	Dec-24	2024	Yes	10.1038/s42003-024-05824-3
69	Leveraging the Red List of Ecosystems for action on coral reefs through the Kunming-Montreal Global Biodiversity Framework	Leveraging the Red List of Ecosystems for action on coral reefs through the Kunming-Montreal Global Biodiversity Framework	Journal Article	Eric Trembl	Mishal Gudka, David Obura, Eric Trembl, Melita Samoilys, Swaleh A. Aboud, Kennedy Edeye Osuka, James Mbugua, Jervas Mwaura, Juliet Karisa, Ewout Geerten Knoester, Peter Musila, Mohamed Omar, Emily Nicholson	Conservation Science and Practice	6	Dec-24	2024	Yes	10.1111/csp2.13255
70	Linking extinction risk to the economic and nutritional value of sharks in small-scale fisheries	Linking extinction risk to the economic and nutritional value of sharks in small-scale fisheries	Journal Article	Selina M. Stead	Andrew J. Temple, Per Berggren, Narriman Jiddawi, Nina Wambiji, Chris N. S. Poonian, Yussuf N. Salmin, Michael L. Berumen, Selina M. Stead	Conservation Biology	38	Dec-24	2024	Yes	10.1111/cobi.14292
71	Links between the three-dimensional movements of whale sharks (Rhincodon typus) and the bio-physical environment off a coral reef	Links between the three-dimensional movements of whale sharks (Rhincodon typus) and the bio-physical environment off a coral reef	Journal Article	Ben D'Antonio, Luciana C. Ferreira, Michele Thums	Ben D'Antonio, Luciana C. Ferreira, Mark Meekan, Paul G. Thomson, Lilian Lieber, Patti Virtue, Chloe Power, Charitha B. Pattiaratchi, Andrew S. Brierley, Ana M. M. Sequeira & Michele Thums	Movement Ecology	12	Dec-24	2024	Yes	10.1186/s40462-024-00452-2
72	Local coral connections within an atoll reef system underlie reef resilience and persistence	Local coral connections within an atoll reef system underlie reef resilience and persistence	Journal Article	Camille M. Grimaldi, Cal Faubel, Luke Thomas, Ayse D. Sahin, Nicole M. Ryan, Eric A. Trembl, James P. Gilmour	Camille M. Grimaldi, Cal Faubel, Luke Thomas, Ayse D. Sahin, Nicole M. Ryan, Matt Rayson, Rebecca Green, Michael W. Cuttler, Eric A. Trembl, Ryan. J. Lowe, James P. Gilmour	Limnology and Oceanography		Dec-24	2024	Yes	10.1002/lno.12720
73	Marine protected areas promote stability of reef fish communities under climate warming	Marine protected areas promote stability of reef fish communities under climate warming	Journal Article	Michael J. Emslie	Lisandro Benedetti-Cecchi, Amanda E. Bates, Giovanni Strona, Fabio Bulleri, Barbara Horta e Costa, Graham J. Edgar, Bernat Hereu, Dan C. Reed, Rick D. Stuart-Smith, Neville S. Barrett, David J. Kushner, Michael J. Emslie, Jose Antonio García-Charton, Emanuel J. Gonçalves & Eneko Aspillaga	Nature Communications	15	Dec-24	2024	Yes	10.1038/s41467-024-44976-y
74	Microscale sampling of the coral gastrovascular cavity reveals a gut-like microbial community	Microscale sampling of the coral gastrovascular cavity reveals a gut-like microbial community	Journal Article	David J. Hughes	Elena Bollati, David J. Hughes, David J. Suggett, Jean-Baptiste Raina & Michael Kühl	Animal Microbiome	6	Dec-24	2024	Yes	10.1186/s42523-024-00341-4
75	Model-robust Bayesian design through generalised additive models for monitoring submerged shoals	Model-robust Bayesian design through generalised additive models for monitoring submerged shoals	Journal Article	Rebecca Fisher, Ben Radford,	Dilishiya De Silva, Rebecca Fisher, Ben Radford, Helen Thompson, James McGree	Annals of Applied Statistics	18	Dec-24	2024	Yes	10.1214/24-AOAS1898
76	Novel use of deep neural networks on photographic identification of epaulette sharks (Hemiscyllium ocellatum) across life stages	Novel use of deep neural networks on photographic identification of epaulette sharks (Hemiscyllium ocellatum) across life stages	Journal Article	Stacy L. Bierwagen	Martina Lonati, Mohammad Jahanbakht, Danielle Atkins, Stacy L. Bierwagen, Andrew Chin, Adam Barnett, Jodie L. Rummer	Journal of Fish Biology	105	Dec-24	2024	Yes	10.1111/jfb.15887

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No.	Hyperlink	Title	Publication Type	AIMS Authors	All Authors	Source	Volume No.	Publication Date	Publication Year	Open Access	DOI number
77	Population genomics informs the management of harvested snappers across north-western Australia	Population genomics informs the management of harvested snappers across north-western Australia	Journal Article	Jim Underwood, Karen Miller	Samuel D. Payet, Jim Underwood, Oliver Berry, Thor Saunders, Michael J. Travers, Corey B. Wakefield, Karen Miller & Stephen J. Newman	Scientific Reports	14	Dec-24	2024	Yes	10.1038/s41598-024-77424-4
78	Predicting suitable habitats for foraging and migration in Eastern Indian Ocean pygmy blue whales from satellite tracking data	Predicting suitable habitats for foraging and migration in Eastern Indian Ocean pygmy blue whales from satellite tracking data	Journal Article	Luciana C. Ferreira, Vinay Udyawer, Ben Radford, Michele Thums	Luciana C. Ferreira, Curt Jenner, Micheline Jenner, Vinay Udyawer, Ben Radford, Andrew Davenport, Luciana Moller, Virginia Andrews-Goff, Mike Double & Michele Thums	Movement Ecology	12	Dec-24	2024	Yes	10.1186/s40462-024-00481-x
79	Rainfall variability increased with warming in northern Queensland, Australia, over the past 280 years	Rainfall variability increased with warming in northern Queensland, Australia, over the past 280 years	Journal Article	Janice M. Lough	Kelsey A. Dyez, Julia E. Cole & Janice M. Lough	Communications Earth and Environment	5	Dec-24	2024	Yes	10.1038/s43247-024-01262-5
80	Reef Adapt: A tool to inform climate-smart marine restoration and management decisions	Reef Adapt: A tool to inform climate-smart marine restoration and management decisions	Journal Article	Camille Grimaldi, Madeleine J. H. van Oppen	Georgina V. Wood, Kingsley J. Griffin, Mirjam van der Mheen, Martin F. Breed, Jane M. Edgeloe, Camille Grimaldi, Antoine J. P. Minne, Iva Popovic, Karen Filbee-Dexter, Madeleine J. H. van Oppen, Thomas Wernberg & Melinda A. Coleman	Communications Biology	7	Dec-24	2024	Yes	10.1038/s42003-024-06970-4
81	Resilience to periodic disturbances and the long-term genetic stability in Acropora coral	Resilience to periodic disturbances and the long-term genetic stability in Acropora coral	Journal Article	L. Thomas, D. Şahin, A. S. Adam, C. M. Grimaldi, N. M. Ryan, S. L. Duffy, J. N. Underwood, J. P. Gilmour	L. Thomas, D. Şahin, A. S. Adam, C. M. Grimaldi, N. M. Ryan, S. L. Duffy, J. N. Underwood, W. J. Kennington & J. P. Gilmour	Communications Biology	7	Dec-24	2024	Yes	10.1038/s42003-024-06100-0
82	Risks of competing discourses of scientific responsibility in global ocean futures	Risks of competing discourses of scientific responsibility in global ocean futures	Journal Article	Sarah Lawless	Sarah Lawless, Jacqueline Lau, Robert Streit & Tiffany H. Morrison	NPJ Ocean Sustainability	3	Dec-24	2024	Yes	10.1038/s44183-024-00086-2
83	Spatial structuring of coral traits along a subtropical-temperate transition zone persists despite localised signs of tropicalisation	Spatial structuring of coral traits along a subtropical-temperate transition zone persists despite localised signs of tropicalisation	Journal Article	Defne Sahin, Ben Radford	Defne Sahin, Nestor E. Bosch, Chenae Cooper, Karen Filbee-Dexter, Ben Radford, Verena Schoepf, Damian P. Thomson & Thomas Wernberg	Coral Reefs	43	Dec-24	2024	Yes	10.1007/s00338-024-02564-y
84	Spatial Variation in Upper Limits of Coral Cover on the Great Barrier Reef	Spatial Variation in Upper Limits of Coral Cover on the Great Barrier Reef	Journal Article	Mariana Álvarez-Noriega, Juan C. Ortiz, Daniela M. Ceccarelli, Michael J. Emslie, Katharina E. Fabricius, Michelle J. Jonker, Marji Puotinen, Barbara J. Robson, Tane H. Sinclair-Taylor, Renata Ferrari	Mariana Álvarez-Noriega, Juan C. Ortiz, Daniela M. Ceccarelli, Michael J. Emslie, Katharina E. Fabricius, Michelle J. Jonker, Marji Puotinen, Barbara J. Robson, Chris M. Roelfsema, Tane H. Sinclair-Taylor, Renata Ferrari	Global Ecology and Biogeography	33	Dec-24	2024	Yes	10.1111/geb.13928
85	The early life microbiome of giant grouper (Epinephelus lanceolatus) larvae in a commercial hatchery is influenced by microorganisms in feed	The early life microbiome of giant grouper (Epinephelus lanceolatus) larvae in a commercial hatchery is influenced by microorganisms in feed	Journal Article	Yun Kit Yeoh, David G. Bourne	Jin Yan Lim, Yun Kit Yeoh, Maximiliano Canepa, Richard Knuckey, Dean R. Jerry & David G. Bourne	Animal Microbiome	6	Dec-24	2024	Yes	10.1186/s42523-024-00339-y
86	The role and impact of oil and gas structures on the connectivity and metapopulation dynamics of tropical reef species	The role and impact of oil and gas structures on the connectivity and metapopulation dynamics of tropical reef species	Journal Article	Ronen Galaiduk, Eric A. Trembl	Julia C. Sobol, Ane Pastor Rottlan, Ronen Galaiduk, Eric A. Trembl	Marine Pollution Bulletin	209	Dec-24	2024	Yes	10.1016/j.marpolbul.2024.117144
87	Toxicity of herbicides to the marine microalgae Tisochrysis lutea and Tetraselmis sp.	Toxicity of herbicides to the marine microalgae Tisochrysis lutea and Tetraselmis sp.	Journal Article	Florita Flores, Laura S. Stapp, Joost van Dam, Rebecca Fisher, Andrew P. Negri	Florita Flores, Laura S. Stapp, Joost van Dam, Rebecca Fisher, Sarit Kaserzon & Andrew P. Negri	Scientific Reports	14	Dec-24	2024	Yes	10.1038/s41598-024-51401-3
88	Utilisation of macroalgal habitats by juvenile rabbitfishes on an inshore reef	Utilisation of macroalgal habitats by juvenile rabbitfishes on an inshore reef	Journal Article	Martina Burgo	Cecilia C. Martin, Eva C. McClure, Kelsey Webber, Martina Burgo & Andrew S. Hoey	Coral Reefs	43	Dec-24	2024	Yes	10.1007/s00338-024-02581-x
89	Variation in the metagenomic analysis of fecal microbiome composition calls for a standardized operating approach	Variation in the metagenomic analysis of fecal microbiome composition calls for a standardized operating approach	Journal Article	Yun Kit Yeo	Zhilu Xu, Yun Kit Yeoh, Hein M. Tun, Na Fei, Jingwan Zhang, Mark Morrison, Michael A. Kamm, Jun Yu, Francis Ka Leung Chan, Siew C. Ng	Microbiology Spectrum	12	Dec-24	2024	Yes	10.1128/spectrum.01516-24
90	Natural selection could determine whether Acropora corals persist under expected climate change Science	Natural selection could determine whether Acropora corals persist under expected climate change	Journal Article	Cynthia Riginos	Liam Lachs; Yves-Marie Bozec; John C. Bythell; Simon D. Donner; Holly K. East; Alasdair J. Edwards; Yimnang Golbuu; Marine Gouezo; James R. Guest; Adriana Humanes; Cynthia Riginos; Peter J. Mumby	Science	386	Dec-24	2024	No	10.1126/science.adl6480
91	Destabilization of mutualistic interactions shapes the early heat stress response of the coral holobiont.url	Destabilization of mutualistic interactions shapes the early heat stress response of the coral holobiont	Journal Article	Emma Marangon; Marko Terzin; Nicole S. Webster; David G. Bourne; Patrick W. Laffy	Emma Marangon; Nils Rådecker; Joan Y. Q. Li; Marko Terzin; Patrick Buerger; Nicole S. Webster; David G. Bourne; Patrick W. Laffy	Microbiome	13	Jan-25	2025	Yes	10.1186/s40168-024-02006-5
92	Emergent patterns of reef fish diversity correlate with coral assemblage shifts along the Great Barrier Reef.url	Emergent patterns of reef fish diversity correlate with coral assemblage shifts along the Great Barrier Reef	Journal Article	Mike Emslie Daniela Ceccarelli	González-Barrios, FJ (Gonzalez-Barrios, F. Javier); Keith, SA (Keith, Sally A.); Emslie, MJ (Emslie, Michael J.); Ceccarelli, DM (Ceccarelli, Daniela M.); Williams, GJ (Williams, Gareth J.); Graham, NAJ (Graham, Nicholas A. J.).	Nature Communications	16	Jan-25	2025	Yes	10.1038/s41467-024-55128-7
93	Epilithic algal composition and the functioning of Anthropocene coral reefs.url	Epilithic algal composition and the functioning of Anthropocene coral reefs	Journal Article	Mike Emslie Michelle Jonker Angus Thompson	Sterling B. Tebbett, Michael J. Emslie, Michelle J. Jonker, Scott D. Ling, Morgan S. Pratchett, Alexandre C. Siqueira, Angus A. Thompson, Helen F. Yan, David R. Bellwood	Marine Pollution Bulletin	210	Jan-25	2025	Yes	10.1016/j.marpolbul.2024.117322
94	Evidence for microbially-mediated tradeoffs between growth and defense throughout coral evolution.url	Evidence for microbially-mediated tradeoffs between growth and defense throughout coral evolution	Journal Article	David G. Bourne,	Hannah E. Epstein, Tanya Brown, Ayomikun O. Akinrinade, Ryan McMinds, F. Joseph Pollock, Dylan Sonett, Styles Smith, David G. Bourne, Carolina S. Carpenter, Rob Knight, Bette L. Willis, Mónica Medina, Joleah B. Lamb, Rebecca Vega Thurber & Jesse R. Zaneveld	Animal Microbiome	7	Jan-25	2025	Yes	10.1186/s42523-024-00370-z
95	Gene content of seawater microbes is a strong predictor of water chemistry across the Great Barrier Reef.url	Gene content of seawater microbes is a strong predictor of water chemistry across the Great Barrier Reef	Journal Article	Marko Terzin; Sara C. Bell; Renee K. Gruber; Nicole S. Webster; Yun Kit Yeoh; David G. Bourne; Patrick W. Laffy	Marko Terzin; Steven J. Robbins; Sara C. Bell; Kim-Anh Lê Cao; Renee K. Gruber; Pedro R. Frade; Nicole S. Webster; Yun Kit Yeoh; David G. Bourne; Patrick W. Laffy	Microbiome	13	Jan-25	2025	Yes	10.1186/s40168-024-01972-0

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No.	Hyperlink	Title	Publication Type	AIMS Authors	All Authors	Source	Volume No.	Publication Date	Publication Year	Open Access	DOI number
96	Groundwater releases CO2 to diverse global coastal ecosystems.url	Groundwater releases CO2 to diverse global coastal ecosystems	Journal Article	Kay Davis	Aprajita S. Tomer, Tristan McKenzie, Claudia Majtényi-Hill, Alex Cabral, Yvonne Y. Y. Yau, Mitchell Call, Xiaogang Chen, Rogger E. Correa, Kay Davis, Luke Jeffrey, Mahmood Sadat-, Douglas Tait, Jackie Webb, Damien T. Maher, Linnea Henriksson, Stefano Bonaglia, , M. Bayani Cardenas, and Isaac R. Santos	Science Advances	11	Jan-25	2025	Yes	10.1126/sciad v.adr3240
97	Heat-Evolved Microalgae (Symbiodiniaceae) Are Stable Symbionts and Influence Thermal Tolerance of the Sea Anemone Exaiptasia diaphana. Environmental Microbiology.url	Heat-Evolved Microalgae (Symbiodiniaceae) Are Stable Symbionts and Influence Thermal Tolerance of the Sea Anemone Exaiptasia diaphana	Journal Article	Wing Chan Madeleine van Oppen	Chan, WY (Chan, Wing Yan); Sakamoto, R (Sakamoto, Rumi); Doering, T (Doering, Talisa; Narayana, VK (Narayana, Vinod K.); De Souza, DP (De Souza, David P.); Mcconville, MJ (Mcconville, Malcolm J.); van Oppen, MJH (van Oppen, Madeleine J. H.).	Environmental Microbiology	27	Jan-25	2025	Yes	10.1111/1462-2920.70011
98	Let the fish do the cropping - identifying fish grazers to improve coral aquaculture.url	Let the fish do the cropping: identifying fish grazers to improve coral aquaculture	Journal Article	Rachel Neil, Andrew Heyward, David Bourne, Craig Humphrey	Rachel C. Neil, Andrew Heyward, David G. Bourne, Craig Humphrey	Coral Reefs	44	Jan-25	2025	Yes	10.1007/s00338-024-02612-7
99	Light and dark biofilm adaptation impacts larval settlement in diverse coral species.url	Light and dark biofilm adaptation impacts larval settlement in diverse coral species	Journal Article	Sara C. Bell; Shannon R. Kjeldsen; Nicole S. Webster; Andrew P. Negri; Muhammad A. Abdul Wahab	Paul A. O'Brien; Sara C. Bell; Laura Rix; Abigail C. Turnlund; Shannon R. Kjeldsen; Nicole S. Webster; Andrew P. Negri; Muhammad A. Abdul Wahab; Inka Vanwongerghem	Environmental Microbiome	20	Jan-25	2025	Yes	10.1186/s40793-025-00670-0
100	Microbiome Stability Is Linked to Acropora Coral Thermotolerance in Northwestern Philippines.url	Microbiome Stability Is Linked to Acropora Coral Thermotolerance in Northwestern Philippines	Journal Article	van Oppen, Madeleine J. H.	Baquiran, JIP (Baquiran, Jake Ivan P.); Quijano, JB (Quijano, John Bennedick); van Oppen, MJH (van Oppen, Madeleine J. H.); Cabaitan, PC (Cabaitan, Patrick C.); Harrison, PL (Harrison, Peter L.); Conaco, C (Conaco, Cecilia)	Environmental Microbiology	27	Jan-25	2025	No	10.1111/1462-2920.70041
101	Natural and Artificial Structures Influence the Movement and Habitat Connectivity of Whale Sharks (Rhincodon typus) Across Seascapes.url	Natural and Artificial Structures Influence the Movement and Habitat Connectivity of Whale Sharks (Rhincodon typus) Across Seascapes	Journal Article	Ben D'Antonio; Luciana C. Ferreira; Rebecca Fisher; Michele Thums; Cal Faubel	Ben D'Antonio; Luciana C. Ferreira; Rebecca Fisher; Michele Thums; Charitha B. Pattiaratchi; Ana M. M. Sequeira; Cal Faubel; Samantha Reynolds; Brad Norman; Mark Meekan	Diversity & Distributions	31	Jan-25	2025	Yes	10.1111/ddi.13950
102	Oceanographic-informed coral out-planting density for coral reef restoration activities.url	Oceanographic-informed coral out-planting density for coral reef restoration activities	Journal Article	Mark Gibbs	Gibbs, MT (Gibbs, Mark T.)	Restoration Ecology	33 Restoration Ecology	Jan-25	2025	No	10.1111/rec.14317
103	Optimizing remote underwater video sampling to quantify relative abundance, richness, and corallivory rates of reef fish..url	Optimizing remote underwater video sampling to quantify relative abundance, richness, and corallivory rates of reef fish	Journal Article	Sophie Gordon Renata Ferrari Legorreta	Hsu, THT (Hsu, Tsai-Hsuan Tony); Gordon, S (Gordon, Sophie); Ferrari, R (Ferrari, Renata); Hoey, AS (Hoey, Andrew S.); Figueira, WF (Figueira, Will F.).	Coral Reefs	44	Jan-25	2025	Yes	10.1007/s00338-024-02613-6
104	RapidBenthos - Automated segmentation and multi-view classification of coral reef communities from photogrammetric reconstruction.url	RapidBenthos: Automated segmentation and multi-view classification of coral reef communities from photogrammetric reconstruction	Journal Article	Remmers, T (Remmers, Tiny); Fabricius, K (Fabricius, Katharina); Lechene, M (Lechene, Marine); Ferrari, R (Ferrari, Renata)	Remmers, T (Remmers, Tiny); Boutros, N (Boutros, Nader); Wyatt, M (Wyatt, Mathew); Gordon, S (Gordon, Sophie); Toor, M (Toor, Maren); Roelfsema, C (Roelfsema, Chris); Fabricius, K (Fabricius, Katharina); Grech, A (Grech, Alana); Lechene, M (Lechene, Marine); Ferrari, R (Ferrari, Renata)	Coral Reefs	Early Access	Jan-25	2025	Yes	10.1111/2041-210X.14477
105	The Australian Monstrilloida 3. Caromiobenella Jeon, Lee & Soh, 2018, Monstrilla Dana, 1849, and Sarsimonstrillus n. gen..url	The Australian Monstrilloida 3. Caromiobenella Jeon, Lee & Soh, 2018, Monstrilla Dana, 1849, and Sarsimonstrillus n. gen.	Journal Article	Mckinnon, AD (Mckinnon, Alexander David)	Suárez-Morales, E (Suarez-morales, Eduardo); Mckinnon, AD (Mckinnon, Alexander David)	Zootaxa	5576	Jan-25	2025	Yes	10.11646/zootaxa.5576.1.1
106	The last generation - F3 of Echinometra sea urchins under experimental climate change.url	The last generation: F3 of Echinometra sea urchins under experimental climate change	Journal Article	Sven Uthicke Frances Patel	Uthicke, S (Uthicke, Sven); Patel, F (Patel, Frances) ; Thoben, F (Thoben, Femke); Dee, A (Dee, Alice); Lamare, M (Lamare, Miles)	Marine Biology	172	Jan-25	2025	Yes	10.1007/s00227-024-04578-0
107	The Octocoral Trait Database - a global database of trait information for octocoral species.url	The Octocoral Trait Database - a global database of trait information for octocoral species	Journal Article	K. E. Fabricius	D. Gómez-Gras; C. Linares; N. Viladrich; Y. Zentner; J. Grinyó; A. Gori; C. S. McFadden; K. E. Fabricius; J. S. Madin	Scientific Data	12	Jan-25	2025	Yes	10.1038/s41597-024-04307-8
108	Tracking pygmy blue whale diving behaviour and validation of foraging areas defined from horizontal movement data.url	Tracking pygmy blue whale diving behaviour and validation of foraging areas defined from horizontal movement data	Journal Article	Michele Thums Luciana Cerqueira Ferreira	Michele Thums, Luciana C. Ferreira, Andrew Davenport, Micheline Jenner, Luciana Möller, Grace Russell, Robert D. McCauley, Curt Jenner	Global Ecology and Conservation	57	Jan-25	2025	Yes	10.1016/j.gecco.2024.e03362
109	Whole Genome Sequencing Reveals Genetic Differences Between Symbiodiniaceae Populations Among Reproductively and Geographically Isolated Acropora Colonies in Western Australia.url	Whole Genome Sequencing Reveals Genetic Differences Between Symbiodiniaceae Populations Among Reproductively and Geographically Isolated Acropora Colonies in Western Australia	Journal Article	Natalie Rosser	Eriksson, SY (Eriksson, Sanna Y.); Matz, MV (Matz, Mikhail V.); Vize, PD (Vize, Peter D.); Rosser, NL (Rosser, Natalie L.)	Ecology and Evolution	15	Jan-25	2025	Yes	10.1002/ece3.70771
110	A Genetic Variant of Delta-9 Desaturase Is Associated With Latitudinal Adaptation in a Coral from the Great Barrier Reef.url	A Genetic Variant of Delta-9 Desaturase Is Associated With Latitudinal Adaptation in a Coral from the Great Barrier Reef	Journal Article	Line K. Bay	Kristina L. Black; Line K. Bay; Mikhail V. Matz	Molecular Ecology	34	Feb-25	2025	Yes	10.1111/mec.17634
111	An examination of seasonal variation in taxonomic richness and community composition using eDNA on a tropical coral reef.url	An examination of seasonal variation in taxonomic richness and community composition using eDNA on a tropical coral reef	Journal Article	Daniela M. Ceccarelli	Joseph D. DiBattista; Katrina M. West; Daniela M. Ceccarelli; Anne K. Hoggett; Lyle L. Vail; Rodrigo Garcia; Zoe T. Richards	Coral Reefs	44	Feb-25	2025	No	10.1007/s00338-024-02594-6
112	Baseline matters - Challenges and implications of different marine heatwave baselines.url	Baseline matters - Challenges and implications of different marine heatwave baselines	Journal Article	Jessica Benthuisen	Kathryn E. Smith, Alex Sen Gupta, Dillon Amaya, Jessica A. Benthuisen, Michael T. Burrows, Antonietta Capotondi, Karen Filbee-Dexter, Thomas L. Frölicher, Alistair J. Hobday, Neil J. Holbrook, Neil Malan, Pippa J. Moore, Eric C.J. Oliver, Benjamin Richaud, Julio Salcedo-Castro, Dan A. Smale, Mads Thomsen, Thomas Wernberg	Progress in Oceanography	231	Feb-25	2025	Yes	10.1016/j.poccean.2024.103404

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No.	Hyperlink	Title	Publication Type	AIMS Authors	All Authors	Source	Volume No.	Publication Date	Publication Year	Open Access	DOI number
113	Challenging Paradigms Around the Role of Colony Size, Taxa, and Environment on Bleaching Susceptibility.url	Challenging Paradigms Around the Role of Colony Size, Taxa, and Environment on Bleaching Susceptibility	Journal Article	Álvarez-Noriega Mariana; Aston Eoghan; Becker Madison; Fabricius Katharina E; Gordon Sophie; Lechene Marine AA; Remmers Tiny; Toor Maren; Ferrari, Renata	Álvarez-Noriega Mariana; Aston Eoghan; Becker Madison; Fabricius Katharina E; Figueira Will F; Gordon Sophie; Krensel Ryan; Lechene Marine AA; Remmers Tiny; Toor Maren; Ferrari Renata	Global Change Biology	31	Feb-25	2025	No	doi.org/10.1111/gcb.70090
114	Compilation of riverine water quality data from the Great Barrier Reef catchment area, northeastern Australia.url	Compilation of riverine water quality data from the Great Barrier Reef catchment area, northeastern Australia	Journal Article	Miles Furnas, Renee Gruber,	Cassandra James, Zoe Bainbridge, Stephen Lewis, Celine Clech-Goods, Reinier Mann, Raethea Huggins, David Orr, Kylee Welk, Shuci Liu, Gordon Agnew, Rebecca Bartley, Robert Bramley, Alicia Buckle, Lex Cogle, Matthew Cross, Aaron Davis, Michelle Devlin, Bradley D. Eyre, John Faithful, Miles Furnas, Paul Godfrey, Renee Gruber, Aaron Hawdon, Christina Howley, Heather Hunter, Mark Kennard, Emma Laxton, Stephen Mackay, David McJannet, Michael Nash, Dominique O'Brien, Fred Oudyn, Richard Pearson, Ken Rohde, Michelle Tink & Andrew Moss	Scientific Data	12	Feb-25	2025	Yes	10.1038/s41597-025-04534-7
115	Conserving Nemo - Genomic insights into the history and status of the endangered anemonefish Amphiprion mccullochi and its sister species. Amphiprion akindynos.url	Conserving Nemo: Genomic insights into the history and status of the endangered anemonefish Amphiprion mccullochi and its sister species Amphiprion akindynos	Journal Article	Cynthia Riginos; Katharine E. Prata; Iva Popovic	Chuan Lei; Jean-Paul A. Hobbs; Cynthia Riginos; Katharine E. Prata; Siobhan J. Heatwole; Iva Popovic	Conservation Genetics	26	Feb-25	2025	Yes	10.1007/s10592-025-01678-2
116	Distance and orientation of hydrophones influence the received soundscape in shallow coral reefs.url	Distance and orientation of hydrophones influence the received soundscape in shallow coral reefs	Journal Article	Juan Carlos Azofeifa-Solano, Rohan M. Brooker, Daniel Pygas, Miles J. G. Parsons	Juan Carlos Azofeifa-Solano, Christine Erbe, Cristina Tollefsen, Robert D. McCauley, Rohan M. Brooker, Daniel Pygas, Miles J. G. Parsons	Frontiers in Marine Science	6	Feb-25	2025	Yes	10.3389/frsen.2025.1527988
117	Do greater coral cover and morphological diversity increase habitat complexity.url	Do greater coral cover and morphological diversity increase habitat complexity?	Journal Article	Anna K. Cresswell	Daphne Oh; Anna K. Cresswell; Damian P. Thomson; Michael Renton	Coral Reefs	44	Feb-25	2025	Yes	10.1007/s0038-024-02602-9
118	Global climate-driven sea surface temperature and chlorophyll dynamics.url	Global climate-driven sea surface temperature and chlorophyll dynamics	Journal Article	Eric Trembl	Roberto Mario Venegas, David Rivas, Eric Trembl	Marine Environmental Research	204	Feb-25	2025	Yes	10.1016/j.marenvres.2024.106856
119	Mapping emergent coral reefs - a comparison of pixel- and object-based methods.url	Mapping emergent coral reefs: a comparison of pixel- and object-based methods	Journal Article	Ben Radford; Mary Wakeford	Amy Stone; Sharyn Hickey; Ben Radford; Mary Wakeford	Remote Sensing in Ecology and Conservation	11	Feb-25	2025	Yes	10.1002/rse2.401
120	Marine reserves contribute half of the larval supply to a coral reef fishery.url	Marine reserves contribute half of the larval supply to a coral reef fishery	Journal Article	Michael J. Emslie	Michael Bode; Severine Choukroun; Michael J. Emslie; Hugo B. Harrison; Jeffrey M. Leis; Luciano B. Mason, Maya Srinivasan; David H. Williamson; Geoffrey P. Jones	Science Advances	11	Feb-25	2025	Yes	10.1126/sciadv.adt0216
121	Predator removals, trophic cascades and outbreaks of crown-of-thorns starfish on coral reefs.url	Predator removals, trophic cascades and outbreaks of crown-of-thorns starfish on coral reefs	Journal Article	Mark G. Meekan; Emily K. Lester; Diego R. Barneche	Mark G. Meekan; Emily K. Lester; Frederieke J. Kroon; Diego R. Barneche	Communications Biology	8	Feb-25	2025	Yes	10.1038/s42003-025-07716-6
122	Soundscape analysis reveals fine ecological differences among coral reef habitats.url	Soundscape analysis reveals fine ecological differences among coral reef habitats	Journal Article	Juan Carlos Azofeifa-Solano; Miles J.G. Parsons; Rohan Brooker; Daniel Pygas;	Juan Carlos Azofeifa-Solano; Miles J.G. Parsons; Rohan Brooker; Robert McCauley; Daniel Pygas; William Feeney; Steve Simpson; Sophie L. Nedelec; Eve M. Croxford; Mark Meekan; Christine Erbe	Ecological Indicators	171	Feb-25	2025	Yes	10.1016/j.ecolind.2025.113120
123	Baseline matters: Challenges and implications of different marine heatwave baselines - ScienceDirect	Baseline matters - Challenges and implications of different marine heatwave baselines	Journal Article	Jessica A. Benthuisen	Kathryn E. Smith, Alex Sen Gupta, Dillon Amaya, Jessica A. Benthuisen, Michael T. Burrows, Antonietta Capotondi, Karen Filbee-Dexter, Thomas L. Frölicher, Alistair J. Hobday, Neil J. Holbrook, Neil Malan, Pippa J. Moore, Eric C.J. Oliver, Benjamin Richaud, Julio Salcedo-Castro, Dan A. Smale, Mads Thomsen, Thomas Wernberg	Progress in Oceanography	231	Feb-25	2025	Yes	10.1016/j.pocean.2024.103404
124	Calcareine sponges (Porifera - Calcarea) from the shelf edge of the Great Australian Bight.url	Calcareine sponges (Porifera: Calcarea) from the shelf edge of the Great Australian Bight	Journal Article	Muhammad Azmi Abdul Wahab	Michelle Klautau, Matheus Vieira Lopes, Gabriela Tavares, Raissa Rizzieri, Shirley Sorokin, Jane Fromont, Lisa Goudie, Andrea Crowther, Samuel McCormack, Anita Mary George, Muhammad Azmi Abdul Wahab	Zoological Journal of the Linnean Society	203	Mar-25	2025	No	10.1093/zoolinnean/zlae041
125	Cross-cultural approach to biobanking of living coral cells on Woppaburra sea Country in the southern inshore Great Barrier Reef.url	Cross-cultural approach to biobanking of living coral cells on Woppaburra sea Country in the southern inshore Great Barrier Reef	Journal Article	Elizabeth Evans-Illidge, Carly J. Randall,	Jonathan Daly, Harry Van Issum, Meaghan Cummins, Elizabeth Evans-Illidge, Carly J. Randall, Suzanna Boyd, Lucinda Cveticanin, Kirsty Dundas-Hargraves, Bryce Liddell, Rebecca J. Hobbs, Justine K. O'Brien	Australasian Journal of Environmental Management	32	Mar-25	2025	Yes	10.1080/14486563.2024.2401567
126	Current velocity, water quality, and benthic taxa as predictors for coral recruitment rates on the Great Barrier Reef.url	Current velocity, water quality, and benthic taxa as predictors for coral recruitment rates on the Great Barrier Reef	Journal Article	Matilde A. Drake; Sam H. C. Noonan; Mariana Alvarez-Noriega; Ahmad R. Rashid; Katharina E. Fabricius	Matilde A. Drake; Sam H. C. Noonan; Mariana Alvarez-Noriega; Ahmad R. Rashid; Katharina E. Fabricius	PLoS ONE	PLoS ONE 20(3): e0319521.	Mar-25	2025	Yes	10.1371/journal.pone.0319521
127	Disconnect between settlement and fishery recruitment driven by decadal changes in nearshore habitats.url	Disconnect between settlement and fishery recruitment driven by decadal changes in nearshore habitats	Journal Article	Ben Radford	Stanley Mastrantonis, Simon de Lestang, Tim Langlois, Ben Radford, Claude Spencer, John Fitzhardinge, Sharyn M. Hickey	Science of the Total Environment	968	Mar-25	2025	Yes	10.1016/j.scitotenv.2025.178785
128	Early-stage coral survivorship using wild larval assemblages on coral seeding devices for reef restoration.url	Early-stage coral survivorship using wild larval assemblages on coral seeding devices for reef restoration	Journal Article	Andrea Severati	Chelsea Waters; Peter L. Harrison; Marine Gouezo; Andrea Severati; Christopher Doropoulos	Restoration Ecology	33	Mar-25	2025	Yes	10.1111/rec.14387
129	eDNA confirms lower trophic interactions help to modulate population outbreaks of the notorious crown-of-thorns sea star.url	eDNA confirms lower trophic interactions help to modulate population outbreaks of the notorious crown-of-thorns sea star	Journal Article	Frances Patel, Sarah Kwong, Sven Uthicke	Kennedy Wolfe, Amelia A. Desbiens, Frances Patel, Sarah Kwong, Eric Fisher, Peter J. Mumby, Sven Uthicke	Proceedings of the National Academy of Sciences	122	Mar-25	2025	Yes	10.1073/pnas.2424560122

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No.	Hyperlink	Title	Publication Type	AIMS Authors	All Authors	Source	Volume No.	Publication Date	Publication Year	Open Access	DOI number
130	Modelling interactive effects of biological and environmental factors on fine-scale coral settlement patterns.url	Modelling interactive effects of biological and environmental factors on fine-scale coral settlement patterns	Journal Article	Molly-Mae Baker; Anna K. Cresswell; James P. Gilmour;	Molly-Mae Baker; Anna K. Cresswell; James P. Gilmour; Michael Renton	Ecological Modelling	502	Mar-25	2025	Yes	10.1016/j.ecolmodel.2025.111037
131	Predicting microplastic dynamics in coral reefs - presence, distribution, and bioavailability through field data and numerical simulation analysis.url	Predicting microplastic dynamics in coral reefs: presence, distribution, and bioavailability through field data and numerical simulation analysis	Journal Article	Marina F. M. Santana, Hemerson Tonin, Cherie A. Motti , Frederieke J. Kroon	Marina F. M. Santana, Hemerson Tonin, George Vamvounis, Lynne van Herwerden, Cherie A. Motti , Frederieke J. Kroon	Environmental Science and Pollution	32	Mar-25	2025	Yes	10.1007/s11356-025-36234-5
132	Quantifying the ecological role of crocodiles - a 50-year review of metabolic requirements and nutrient contributions in northern Australia.url	Quantifying the ecological role of crocodiles: a 50-year review of metabolic requirements and nutrient contributions in northern Australia	Journal Article	Vinay Udyawer	Mariana A. Campbell, Vinay Udyawer, Craig White, Cameron J. Baker, R. Keller Kopf, Yusuke Fukuda, Timothy D. Jardine, Stuart E. Bunn, Hamish A. Campbell	Proceedings of the Royal Society B-Biological Sciences	292	Mar-25	2025	Yes	10.1098/rspb.2024.2260
133	Salinity drives the distribution of a top-order predator, the tiger shark (Galeocerdo cuvier), in an inverse estuary.url	Salinity drives the distribution of a top-order predator, the tiger shark (Galeocerdo cuvier), in an inverse estuary	Journal Article	Ben D’Antonio, Luciana C. Ferreira	Ben D’Antonio, Mark Meekan, Luciana C. Ferreira, Michael D. Taylor, Charitha B. Pattiaratchi & Ana M. M. Sequeira	Scientific Reports	15	Mar-25	2025	Yes	10.1038/s41598-025-92272-6
134	Sediment Properties and Seagrass Density Influence the Morphological Plasticity of Seagrass Zostera muelleri More Than Elevated Temperatures.url	Sediment Properties and Seagrass Density Influence the Morphological Plasticity of Seagrass Zostera muelleri More Than Elevated Temperatures	Journal Article	Renee K. Gruber	Daniel S. Swadling; Skye L. Taylor; Renee K. Gruber; Tim M. Glasby	Estuaries & Coasts	48	Mar-25	2025	Yes	10.1007/s12237-025-01485-5
135	Skeletal morphometrics suggests high fitness of hybrid coral recruits under ocean warming and acidification.url	Skeletal morphometrics suggests high fitness of hybrid coral recruits under ocean warming and acidification	Journal Article	Madeleine J. H. van Oppen, Wing Yan Chan	Luka Meyers, Jeremy Shaw, Peta Clode, Peter Harrison, Madeleine J. H. van Oppen, Wing Yan Chan	Coral Reefs	44	Mar-25	2025	Yes	10.1007/s00338-025-02644-7
136	Sting Stories - Firsthand Experiences of Fish Envenomation Through a Small-Scale Questionnaire .url	Sting Stories: Firsthand Experiences of Fish Envenomation Through a Small-Scale Questionnaire	Journal Article	Richard J. Harris, Cherie A. Motti	Richard J. Harris, Silvia I. Saggiomo, Gillian Paxton, Cherie A. Motti	Toxins	17	Mar-25	2025	Yes	10.3390/toxins17030134
137	A family of crown-of-thorns starfish spine-secreted proteins modify adult conspecific behavior.url	A family of crown-of-thorns starfish spine-secreted proteins modify adult conspecific behavior	Journal Article	Richard J. Harris; Lee D. Bastin; Cherie A. Motti	Richard J. Harris; Adam K. Hillberg; Lee D. Bastin; Blake S. Lausen; Saowaros Suwansa-Ard; Tianfang Wang; Abigail Elizur; Sakura Kikuchi; Keisuke Nakashima; Noriyuki Satoh; Cherie A. Motti; Scott F. Cummins	iScience	28	Apr-25	2025	Yes	10.1016/j.isci.2025.112161
138	Biofilm development as a factor driving the degradation of plasticised marine microplastics.url	Biofilm development as a factor driving the degradation of plasticised marine microplastics	Journal Article	Sara Bell, Felicity Kuek, Marina Santana, Richard Edmunds, Yun Kit Yeoh, Yui Sato, Pirjo Haikola, Cherie Motti	Alexandra M. Gulizia, Sara C. Bell, Felicity Kuek, Marina M.F. Santana, Richard C. Edmunds, Yun Kit Yeoh, Yui Sato, Pirjo Haikola, Lynne van Herwerden, Cherie A. Motti, David G. Bourne, George Vamvounis	Journal of Hazardous Materials	487	Apr-25	2025	Yes	10.1016/j.jhazmat.2024.136975
139	Climate Change Affects Multiple Coral Reef Fisheries Ecosystem Services.url	Climate Change Affects Multiple Coral Reef Fisheries Ecosystem Services	Journal Article	Shaun K. Wilson	Sarah M. Martin; James P. W. Robinson; Juliette Lucas; Emilie Augustin, Rodney Govinden; Shaun K. Wilson; Nicholas A. J. Graham	Fisheries Management and Ecology	32	Apr-25	2025	Yes	10.1111/fme.12761
140	Enhance responsible governance to match the scale and pace of marine–climate interventions.url	Enhance responsible governance to match the scale and pace of marine–climate interventions	Journal Article	Sarah Lawless	Emily M. Ogier, Gretta T. Pecl, Terry Hughes, Sarah Lawless, Cayne Layton, Kirsty L. Nash & Tiffany H. Morrison	Nature Climate Change	15	Apr-25	2025	Yes	10.1038/s41558-025-02292-3
141	Environmental Gradients Linked to Human Impacts, Not Species Richness, Drive Regional Variation in Community Stability in Coral Reef Fishes.url	Environmental Gradients Linked to Human Impacts, Not Species Richness, Drive Regional Variation in Community Stability in Coral Reef Fishes	Journal Article	Cheng-Han Tsai (AIMS@JCU)	Cheng-Han Tsai, Sean R. Connolly	Ecology Letters	28	Apr-25	2025	Yes	10.1111/ele.70001
142	First Observations of a Deep-Water Seagrass Meadow (Thalassodendron ciliatum) on an Oceanic Reef in the Southern Coral Sea Marine Park, Australia.url	First Observations of a Deep-Water Seagrass Meadow (Thalassodendron ciliatum) on an Oceanic Reef in the Southern Coral Sea Marine Park, Australia	Journal Article	Galbraith, GF	Galbraith, GF; Cresswell, BJ; Russell, M; Hoey, AS	Ecology and Evolution	15	Apr-25	2025	Yes	10.1002/ece3.71254
143	Harnessing Multiscale Topographic Environmental Variables for Regional Coral Species Distribution Models.url	Harnessing Multiscale Topographic Environmental Variables for Regional Coral Species Distribution Models	Journal Article	Renata Ferrari, Véronique J. L. Mocellin, Line K. Bay	Annie S. Guillaume, Renata Ferrari, Oliver Selmoni, Véronique J. L. Mocellin, Hugo Denis, Melissa Naugle, Emily Howells, Line K. Bay, Stéphane Joost	Ecology and Evolution	15	Apr-25	2025	Yes	10.1002/ece3.71292
144	Hydrodynamic conditions and habitat configuration structure juvenile fish assemblages across a tropical seascape.url	Hydrodynamic conditions and habitat configuration structure juvenile fish assemblages across a tropical seascape	Journal Article	Shaun K. Wilson, Christopher J. Fulton, Ben Radford	Molly Moustaka, Shaun K. Wilson, Christopher J. Fulton, Tahlia J. Bassett, Michael V. W. Cuttler, Michael J. O’Leary, Ben Radford, Richard D. Evans	Landscape Ecology	40	Apr-25	2025	Yes	10.1007/s10980-025-02084-2
145	Improving Coral Grow-Out Through an Integrated Aquaculture Approach.url	Improving Coral Grow-Out Through an Integrated Aquaculture Approach	Journal Article	Rachel C. Neil, David G. Bourne	Rachel C. Neil, Jonathan A. Barton, Andrew Heyward, David S. Francis, Leo Nankervis, Thomas S. Mock, David G. Bourne, Craig Humphrey	Aquaculture Nutrition	2025	Apr-25	2025	Yes	10.1155/anu/1446195
146	Interactions among wildtype and heat-evolved photosymbionts shape performance of coral recruits.url	Interactions among wildtype and heat-evolved photosymbionts shape performance of coral recruits	Journal Article	Elizabeth A. Ivory; Matthew R. Nitschke; Madeleine J. H. van Oppen;	Elizabeth A. Ivory; Jos C. Mieog; Matthew R. Nitschke; Madeleine J. H. van Oppen; David Abrego	Coral Reefs	44	Apr-25	2025	Yes	10.1007/s00338-025-02632-x
147	Microbial communities and soil greenhouse gas fluxes from subtropical tidal and supratidal wetlands.url	Microbial communities and soil greenhouse gas fluxes from subtropical tidal and supratidal wetlands	Journal Article	J.N. Gamboa-Cutz	J.N. Gamboa-Cutz; S.M. Trevathan-Tackett; S. Cadena; C. McDougall; M.F. Adame	Estuarine Coastal & Shelf Science	315	Apr-25	2025	Yes	10.1016/j.ecss.2025.109124
148	Novel marine-climate interventions hampered by low consensus and governance preparedness.url	Novel marine-climate interventions hampered by low consensus and governance preparedness	Journal Article	Sarah Lawless	Emily M. Ogier, Gretta T. Pecl, Terry Hughes, Sarah Lawless, Cayne Layton, Kirsty L. Nash, Tiffany H. Morrison	Nature Climate Change	15	Apr-25	2025	Yes	10.1038/s41558-025-02291-4
149	Rapid egestion of microplastics in juvenile barramundi - No evidence of gut retention or tissue translocation.url	Rapid egestion of microplastics in juvenile barramundi: No evidence of gut retention or tissue translocation	Journal Article	Amanda L. Dawson; Marina F.M. Santana; Kelley Meehan; Keegan Vickers; Cherie A. Motti	Amanda L. Dawson; Marina F.M. Santana; Michelle Perez; Kelley Meehan; Hannah McCarthy; Keegan Vickers; Cherie A. Motti	Environmental Pollution	370	Apr-25	2025	Yes	10.1016/j.envpol.2025.125884

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No.	Hyperlink	Title	Publication Type	AIMS Authors	All Authors	Source	Volume No.	Publication Date	Publication Year	Open Access	DOI number
150	Symbiont-Mediated Metabolic Shift in the Sea Anemone Anthopleura elegantissima.url	Symbiont-Mediated Metabolic Shift in the Sea Anemone Anthopleura elegantissima	Journal Article	Holland Elder	Tyler J. Carrier; Holland Elder; Jason Macrander; James L. Dimond; Brian L. Bingham; Adam M. Reitzel	Molecular Ecology	34	Apr-25	2025	Yes	10.1111/mec.17722
151	A comparison of in situ and on-vessel larval rearing for coral seeding.url	A comparison of in situ and on-vessel larval rearing for coral seeding	Journal Article	Carly J. Randall; Christine Giuliano; Cathie A. Page; Katie Allen; Nico Briggs; Rhys Cornish; Andrea Severati	Carly J. Randall; Valérie F. Chamberland; Christine Giuliano; Cathie A. Page; Katie Allen; Nico Briggs; Rhys Cornish; Aric Bickel; Andrea Severati	Restoration Ecology	33	May-25	2025	Yes	doi.org/10.1111/rec.70001
152	Associations between body condition and seasonal freshwater outflow in a coastal marine fish (Protonibea diacanthus) in the wet-dry tropics of northern Australia.url	Associations between body condition and seasonal freshwater outflow in a coastal marine fish (Protonibea diacanthus) in the wet-dry tropics of northern Australia	Journal Article	Jo Randall	Jo Randall, Hayden T. Schilling, Brendan Adair, Dion Wedd, Alison King, Thor Saunders, David Crook	Fisheries Research	285	May-25	2025	Yes	10.1016/j.fishres.2025.107343
153	Climate-driven warming, deoxygenation, and desertification in large marine ecosystems.url	Climate-driven warming, deoxygenation, and desertification in large marine ecosystems	Journal Article	Eric A. Trembl	Roberto Mario Venegas; Malika Kheireddine; Juan Pablo Rivera Caicedo; Eric A. Trembl	Journal of Marine Systems	249	May-25	2025	Yes	10.1016/j.jmarsys.2025.104053
154	Dissolved Organic Carbon in Coastal Waters - Global Patterns, Stocks and Environmental Physical Controls.url	Dissolved Organic Carbon in Coastal Waters: Global Patterns, Stocks and Environmental Physical Controls	Journal Article	Renee Gruber	Christian Lønborg, Isabel Fuentes-Santos, Cátia Carreira, Valentina Amaral, Javier Arístegui, Punyasloke Bhadury, Mariana Bernardi Bif, Maria LL. Calleja, Qi Chen, Luiz C. Cotovicz Jr., Stefano Cozzi, Bradley D. Eyre, E. Elena García-Martín, Michele Giani, Rafael Gonçalves-Araujo, Renee Gruber, Dennis A. Hansell, Johnna M. Holding, William Hunter, J. Severino P. Ibáñez, Valeria Ibello, Piotr Kowalczyk, Federica Maggioni, Paolo Magni, Patrick Martin, S. Leigh McCallister, Xosé Anxelu G. Morán, Joanne M. Oakes, Helena Osterholz, Hyekyung Park, Digna Rueda-Roa, Jiang Shan, Eva Teira, Nicholas Ward, Youhei Yamashita, Liyang Yang, Qiang Zheng, Xosé Antón Álvarez-Salgado	Global Biochemical Cycles	39	May-25	2025	Yes	10.1029/2024GB008407
155	Hindcasting Farmed Salmon Mortality to Improve Future Health and Production Outcomes.url	Hindcasting Farmed Salmon Mortality to Improve Future Health and Production Outcomes	Journal Article	Trembl, Eric A.	Knight, BR (Knight, Benjamin R.); Trembl, EA (Trembl, Eric A.); Waddington, Z (Waddington, Zac); Vennell, R (Vennell, Ross); Hutson, KS (Hutson, Kate S.)	Journal of Fish Disease	48	May-25	2025	Yes	10.1111/jfd.14058
156	Impact of acoustic index parameters on soundscape comparisons.url	Impact of acoustic index parameters on soundscape comparisons	Journal Article	James Kemp, Juan Carlos Azofeifa-Solano, Diego R. Barneche, Rohan Brooker, Miles Parsons	James Kemp, Juan Carlos Azofeifa-Solano, Diego R. Barneche, Rohan Brooker, J. Edgardo Arévalo, Christine Erbe, Miles Parsons	Methods in Ecology & Evolution	16	May-25	2025	Yes	10.1111/2041-210X.70007
157	Microplastic contamination in no-take Marine Protected Areas of Brazil - Bivalves as sentinels.url	Microplastic contamination in no-take Marine Protected Areas of Brazil: Bivalves as sentinels	Journal Article	Beatriz Zachello Nunes (AIMS@JCU); Cherie Ann Motti;	Beatriz Zachello Nunes; Victor Vasques Ribeiro; Clara Galacho Leal; Cherie Ann Motti; Ítalo Braga Castro	Environmental Research	273	May-25	2025	Yes	10.1016/j.envres.2025.121231
158	Patterns in the chaos - Scale and the spatiotemporal dynamics of coral reef fish assemblages on the Great Barrier Reef.url	Patterns in the chaos: Scale and the spatiotemporal dynamics of coral reef fish assemblages on the Great Barrier Reef	Journal Article	Daniela M. Ceccarelli, Michael J. Emslie, Murray Logan, Andrew Cole, Makeely I. Blandford, Tane H. Sinclair-Taylor	Daniela M. Ceccarelli, Michael J. Emslie, Murray Logan, Andrew Cole, Makeely I. Blandford, Tane H. Sinclair-Taylor	Ecosphere	16	May-25	2025	Yes	10.1002/ecs2.70227
159	Professional fishers' knowledge informs distribution and interaction dynamics of Sawfish and River Sharks in coastal fishing grounds of the Northern Territory, Australia.url	Professional fishers' knowledge informs distribution and interaction dynamics of Sawfish and River Sharks in coastal fishing grounds of the Northern Territory, Australia	Journal Article	Vinay Udyawer, Claire Streten	Vinay Udyawer, Katherine Winchester, Donna English, Claire Streten, Natasha Stacey	Maritime Studies	24	May-25	2025	Yes	10.1007/s40152-025-00429-w
160	Recovery of reef shark populations invokes anti-predator behaviours in mesopredatory reef fishes on a coral reef.url	Recovery of reef shark populations invokes anti-predator behaviours in mesopredatory reef fishes on a coral reef	Journal Article	Zoe Storm, Conrad W. Speed, Emily K. Lester	Zoe Storm, Mark G. Meekan, Andreas Eich, Conrad W. Speed, Shaun S. Killen, Emily K. Lester	Journal of Animal Ecology	94	May-25	2025	No	10.1111/1365-2656.70024
161	Seasonal Climatology of the Leeuwin Current-Capes Current System Off Southwest Australia From Long-Term Moored Observations.url	Seasonal Climatology of the Leeuwin Current-Capes Current System Off Southwest Australia From Long-Term Moored Observations	Journal Article	Jessica A. Benthuisen	Ming Feng, Toan Bui, Jessica A. Benthuisen	Journal of Geophysical Research-Oceans	130	May-25	2025	Yes	10.1029/2025JCO22662
162	Seasonal nutrient contribution of mangrove aquatic foods to fisher households in West Kalimantan, Indonesia.url	Seasonal nutrient contribution of mangrove aquatic foods to fisher households in West Kalimantan, Indonesia	Journal Article	Benjamin Michael Brown	Lucinda Middleton, Puji Astuti, Siti Nurokhmah, Benjamin Michael Brown, Shakuntala Thilsted, Julie Brimblecombe, Natasha Stacey	BMC Public Health	25	May-25	2025	Yes	10.1186/s12889-025-21952-9
163	Sea-weeding enhances early coral survival on seeding devices, but benefits of seeding diminish after one year.url	Sea-weeding enhances early coral survival on seeding devices, but benefits of seeding diminish after one year	Journal Article	David G. Bourne, Cathie A. Page	Hillary A. Smith, Genevieve Dallmeyer-Drennen, David G. Bourne, Suhelen Egan, Cathie A. Page	Journal of Environmental Management	383	May-25	2025	Yes	10.1016/j.jenvman.2025.125322
164	Seeded Acropora digitifera corals survive best on wave-exposed reefs with grazing from small fishes.url	Seeded Acropora digitifera corals survive best on wave-exposed reefs with grazing from small fishes	Journal Article	Taylor N. Whitman; Saskia Jurriaans; Carine Lefevre; Ben Radford; Marji Puotinen; Mia O. Hoogenboom; Andrew P. Negri; Carly J. Randall	Taylor N. Whitman; Saskia Jurriaans; Carine Lefevre; Carrie A. Sims; Ben Radford; Marji Puotinen; Mia O. Hoogenboom; Andrew P. Negri; Carly J. Randall	Restoration Ecology	33	May-25	2025	Yes	10.1111/rec.70016
165	Performance and detection range of acoustic receivers in mangrove habitats	Performance and detection range of acoustic receivers in mangrove habitats	Journal Article	Michelle R. Heupel	Shiori Kanno, Michelle R. Heupel, Kristin Hoel, Audrey Schlaff, Aliya Siddiqi, Colin A. Simpfendorfer	Fish Biology	106	May-25	2025	Yes	doi.org/10.1111/jfb.15817
166	Assessing the potential for “assisted gene flow” to enhance heat tolerance of multiple coral genera over three key phenotypic traits.url	Assessing the potential for “assisted gene flow” to enhance heat tolerance of multiple coral genera over three key phenotypic traits	Journal Article	Alex Macadam, Carys Morgans, Katarina Damjanovic, Patrick Laffy,	Alex Macadam, Carys Morgans, Jessica Cheok, Katarina Damjanovic, Melissa Ciampaglia, Maren Toor, Patrick Laffy, Ira R. Cooke, Jan M. Strugnell, Kate M. Quigley	Biological Conservation	306	Jun-25	2025	Yes	10.1016/j.biocon.2025.111155

AIMS Publications for Financial Year 2024 - 2025: Journal Articles

No.	Hyperlink	Title	Publication Type	AIMS Authors	All Authors	Source	Volume No.	Publication Date	Publication Year	Open Access	DOI number
167	Benthic Observation Survey System (BOSS) for surveys of marine benthic habitats.url	Benthic Observation Survey System (BOSS) for surveys of marine benthic habitats	Journal Article	Katherine Cure; Ben Radford,	Tim Langlois, Claude Spencer, Brooke A. Gibbons, Kingsley J. Griffin, Kye Adams, Charlotte Aston, Neville Barrett, Ashlee Bastiaansen, Donna Beach, Ant Bernard, Todd Bond, Genevieve R. Carey, Jennifer E. Caselle, Katie Cieri, Gabrielle H. Cummins, Katherine Cure, Simon de Lestang, John Fitzhardinge, Anita Giraldo-Ospina, Gretchen Grammer, David R. Guilfoyle, Christopher Henderson, Sharyn Hickey, Jamie Hicks, Renae Hovey, Charlie Huveneers, Daniel Ierodiaconou, John Keesing, Nathan Knott, Jennifer L. Lavers, Steve Lindfield, James Lindholm, Stanley Mastrantonis, Kinsey Matthews, Matthew L. Navarro, Julian Partridge, Dominique Pelletier, Camilla V. H. Piggott, Rachel Przeslawski, Ben Radford, Matthew Rees, Ron (Doc) Reynolds, Fernanda A. Rolim, Adam Smith, Felix Spencer, Rick Starr, Samuel Thompson, Iszac Webb, Wayne Webb, Sasha Whitmarsh, Joel Williams, Jacquomo Monk	Methods in Ecology & Evolution	16	Jun-25	2025	Yes	10.1111/2041-210X.70010
168	Feeding preferences and growth in herbivorous juvenile crown-of-thorns sea stars (Acanthaster cf. solaris).url	Feeding preferences and growth in herbivorous juvenile crown-of-thorns sea stars (Acanthaster cf. solaris)	Journal Article	Karl Jensen, Maria C. Gomez Cabrera, Guillermo Diaz-Pulido, Murray Logan, Sven Uthicke	Karl Jensen, Peter C. Doll, Maria C. Gomez Cabrera, Guillermo Diaz-Pulido, Murray Logan, Sven Uthicke	Marine Biology	172	Jun-25	2025	Yes	10.1007/s00227-025-04646-z
169	Group discussions improve reliability and validity of rated categories based on qualitative data from systematic review.url	Group discussions improve reliability and validity of rated categories based on qualitative data from systematic review	Journal Article	Eric Trembl	Jutta Beher, Eric Trembl, Brendan Wintle	PLoS ONE	20	Jun-25	2025	Yes	10.1371/journal.pone.0326166
170	New records of fishes from the Coral Sea Marine Park, Australia.url	New records of fishes from the Coral Sea Marine Park, Australia	Journal Article	Tiffany L. Sih, Gemma F. Galbraith	Yi-Kai Tea, Tiffany L. Sih, Fenton Walsh, Timothy Bennett, Luiz A. Rocha, Ghislain Bardout, Amanda Hay, Kerryn Parkinson, Sally Reader, Indiana J. Riley, John J. Pogonoski, Jeffrey W. Johnson, Glenn I. Moore, Anthony C. Gill, Gemma F. Galbraith, Benjamin J. Cresswell, Andrew S. Hoey, Benjamin W. Fribley, Brendan P. Brooke & Robin J. Beaman	Coral Reefs	Early Access June 2025	Jun-25	2025	Yes	10.1007/s00338-025-02664-3
171	Promoting socially responsible governance of new marine climate intervention.url	Promoting socially responsible governance of new marine climate intervention	Journal Article	Sarah Lawless	Sarah Lawless, Emily M. Ogier, Robert Streit, Georgina G. Gurney, Philippa J. Cohen, Rebecca Gruby, Sisir Pradhan, Tiffany H. Morrison	Cell Reports Sustainability	2	Jun-25	2025	Yes	doi.org/10.1016/j.crsus.2025.100366.
172	Satellite-based analysis of an unverified mass coral bleaching event on the Great Barrier Reef in 2021.url	Satellite-based analysis of an unverified mass coral bleaching event on the Great Barrier Reef in 2021	Journal Article	Neal E. Cantin	Blake L. Spady, William J. Skirving, Erick F. Geiger, Neal E. Cantin, Gang Liu, Jacqueline L. De La Cour, Peter J. Mumby, Andrew Norrie & Derek P. Manzello	Coral Reefs	Early Access, June 2025	Jun-25	2025	Yes	10.1007/s00338-025-02690-1
173	Seasonal synchrony between vessel arrivals and larval production may influence the likelihood of biofouling introductions.url	Seasonal synchrony between vessel arrivals and larval production may influence the likelihood of biofouling introductions	Journal Article	Cal Faubel, Eric A. Trembl	Simone L. Stevenson, Ian Davidson, Julio Botero, Kay Critchell, Cal Faubel, Kyle Hilliam, Oliver Floerl, Melissa Welsh, Eric A. Trembl	Biological Invasions	27	Jun-25	2025	Yes	10.1007/s10530-025-03609-1
174	The structure and composition of macroalgal communities influence coral recruitment on an inshore reef of the Great Barrier Reef.url	The structure and composition of macroalgal communities influence coral recruitment on an inshore reef of the Great Barrier Reef	Journal Article	Martina Burgo, Katharina E. Fabricius	Martina Burgo, Katharina E. Fabricius & Andrew S. Hoey	Coral Reefs	Early Access, June 2025	Jun-25	2025	Yes	10.1007/s00338-025-02691-0

AIMS Publications for Financial Year 2024 - 2025: Book Chapters

No.	Hyperlink	Title	Publication Type	AIMS Authors	All Authors	Source	Volume No.	Publication Date	Publication Year	Open Access	DOI number
1	Sustainability within a global environmental change context.url	Sustainability within a global environmental change context	Book Chapter	Cal Faubel, Eric A. Trembl	Simone L. Stevenson, Kyle Hilliam, Cal Faubel, Roberto Venegas, Eric A. Trembl	The Routledge Handbook of Global Sustainability Education and Thinking for the 21st Century	Ist Edition	2025	2025	Yes	10.4324/9781003171577-11
2	Microbial Processes and Nutrient Uptake in the Coral Holobiont and Reef Ecosystems.url	Microbial Processes and Nutrient Uptake in the Coral Holobiont and Reef Ecosystems	Book Chapter	Julia Saper, Craig Humphrey, Lone Høj, David G. Bourne	Julia Saper, Jean-Baptiste Raina, Craig Humphrey, Lone Høj, David G. Bourne	Coral Reef Microbiome	Part of the book series: Coral Reefs of the World	Feb-25	2025	No	doi.org/10.1007/978-3-031-76692-3_9

AIMS Publications for Financial Year 2024 - 2025: Reviews

No.	Hyperlink	Title	Publication Type	AIMS Authors	All Authors	Source	Volume No.	Publication Date	Publication Year	Open Access	DOI number
1	The Society for Conservation Biology	10 years of decision-making for biodiversity conservation actions: A systematic literature review	Review	Eric Trembl	Jutta Beher, Eric Trembl, Brendan Wintle	Conservation Science and Practice	6	Jul-24	2024	Yes	10.1111/csp2.13170
2	The coral microbiome in sickness, in health and in a changing world	The coral microbiome in sickness, in health and in a changing world	Review	David G. Bourne	Christian R. Voolstra, Jean-Baptiste Raina, Melanie Dörr, Anny Cárdenas, Claudia Pogoreutz, Cynthia B. Silveira, Amin R. Mohamed, David G. Bourne, Haiwei Luo, Shady A. Amin & Raquel S. Peixoto	Nature Reviews Microbiology	22	Aug-24	2024	No	10.1038/s41579-024-01015-3
3	Ecological roles and importance of sharks in the Anthropocene Ocean Science	Ecological roles and importance of sharks in the Anthropocene Ocean	Review	Michelle R. Heupel	Simon Dedman, Jerry H. Moxley, Yannis P. Papastamatiou, Matias Braccini, Jennifer E. Caselle, Demian D. Chapman, Joshua Eli Cinner, Erin M. Dillon, Nicholas K. Dulvy, Ruth Elizabeth Dunn, Mario Espinoza, Alastair R. Harborne, Euan S. Harvey, Michelle R. Heupel, Charlie Huveneers, Nicholas A. J. Graham, James T. Ketchum, Natalie V. Klinard, Alison A. Kock, Christopher G. Lowe, M. Aaron MacNeil, Elizabeth M. P. Madin, Douglas J. McCauley, Mark G. Meekan, Amelia C. Meier, Colin A. Simpfendorfer, M. Tim Tinker, Megan Winton, Aaron J. Wirsing, and Michael R. Heithaus	Science	385	Aug-24	2024	Yes	10.1126/science.adl2362
4	Scientists’ call to action: Microbes, planetary health, and the Sustainable Development Goals: Cell	Scientists’ call to action: Microbes, planetary health, and the Sustainable Development Goals	Review	Madeleine J.H. van Oppen, Nicole S. Webster	Thomas W. Crowthe, Rino Rappuoli, Cinzia Corinaldesi, Roberto Danovaro, Timothy J. Donohue, Jef Huisman, Lisa Y. Stein, James Kenneth Timmis, Kenneth Timmis, Matthew Z. Anderson, Lars R. Bakken, Matthew Baylis, Michael J. Behrenfeld, Philip W. Boyd, Ian Brettell, Ricardo Cavicchioli, Camille S. Delavaux, Christine M. Foreman, Janet K. Jansson, Britt Koskella, Kat Milligan-McClellan, Justin A. North, Devin Peterson, Mariagrazia Pizza, Juan L. Ramos, David Reay, Justin V. Remais, Virginia I. Rich, William J. Ripple, Brajesh K. Singh, Gabriel Reuben Smith, Frank J. Stewart, Matthew B. Sullivan, Johan van den Hoogen, Madeleine J.H. van Oppen, Nicole S. Webster, Constantin M. Zohner, Laura G. van Galen	Cell	187	Sep-24	2024	Yes	10.1016/j.cell.2024.07.051
5	Current Trends in Biophysical Modeling of eDNA Dynamics for the Detection of Marine Species - Pastor Rollan - 2024 - Environmental DNA - Wiley Online Library	Current Trends in Biophysical Modeling of eDNA Dynamics for the Detection of Marine Species	Review	Eric A. Trembl	Ane Pastor Rollan, Craig D. H. Sherman, Morgan R. Ellis, Kate Tuohey, Ross Vennell, Cian Foster-Thorpe, Eric A. Trembl	Environmental DNA	6	Sep-24	2024	Yes	10.1002/edn3.70021
6	Status of monitoring and evaluation of Tonga's Special Management Area program	Status of monitoring and evaluation of Tonga's Special Management Area program	Review	Sophie Gordon	Nicholas Ford-Learner, Sophie Gordon, Patrick Smallhorn-West, Sioeli Afu E, Latu Aisea, Viliani Fatongiatu, Lisiate Hanisi, Sela Kioa, Sesimani Lokotui, Katrina Ma'u Fatiaki, Poasi Ngaluafe, Vetekina Pau'u, George Shedrawi, Karen Stone, Tonga Tuiano E, Siola'a Malimali	Pacific Conservation Biology	30	Sep-24	2024	Yes	10.1071/PC24003
7	Connected Food: First Steps for an Ambitious National Food Strategy	Connected Food: First Steps for an Ambitious National Food Strategy	Review	Selina M. Stead	Neil Bernard Boyle, Victoria Jenneson, Nwamaka Okeke-Ogbuafor, Michelle A. Morris, Selina M. Stead, Louise Dye, Jason C. G. Halford, Steven A. Banwart	Nutrients	16	Oct-24	2024	Yes	10.3390/nu16193371
8	The use of experimentally evolved coral photosymbionts for reef restoration: Trends in Microbiology	The use of experimentally evolved coral photosymbionts for reef restoration	Review	Matthew R. Nitschke, David Abrego, Corinne E. Allen, Carlos Alvarez-Roa, Nadine M. Boulotte, Patrick Buerger, Wing Yan Chan, Wladimir A. Fae Neto, Elizabeth Ivory, Bede Johnston, Lesa Peplow, Tahirih Perez, Hugo J. Scharfenstein, Madeleine J.H. van Oppen	Matthew R. Nitschke, David Abrego, Corinne E. Allen, Carlos Alvarez-Roa, Nadine M. Boulotte, Patrick Buerger, Wing Yan Chan, Wladimir A. Fae Neto, Elizabeth Ivory, Bede Johnston, Luka Meyers, Catalina Parra, Lesa Peplow, Tahirih Perez, Hugo J. Scharfenstein, Madeleine J.H. van Oppen	Trends in Microbiology	32	Dec-24	2024	Yes	10.1016/j.tim.2024.05.008
9	The road forward to incorporate seawater microbes in predictive reef monitoring Environmental Microbiome Full Text	The road forward to incorporate seawater microbes in predictive reef monitoring	Review	Marko Terzin, Patrick W. Laffy, Yun Kit Yeoh, Nicole S. Webster & David G. Bourne	Marko Terzin, Patrick W. Laffy, Steven Robbins, Yun Kit Yeoh, Pedro R. Frade, Bettina Glasl, Nicole S. Webster & David G. Bourne	Environmental Microbiome	19	Dec-24	2024	Yes	10.1186/s40793-023-00543-4
10	Differential impacts of light on coral phenotypic responses to acute heat stress - ScienceDirect	Differential impacts of light on coral phenotypic responses to acute heat stress	Review	Carolina Castro-Sanguino, Declan Stick, Shannon Duffy, Camille Grimaldi, James Gilmour, Luke Thomas	Carolina Castro-Sanguino, Declan Stick, Shannon Duffy, Camille Grimaldi, James Gilmour, Luke Thomas	Journal of Experimental Marine Biology and Ecology	581	Dec-24	2024	Yes	10.1016/j.jembe.2024.152057

Australian Institute of Marine Science - Publications for Financial Year 2024 - 2025 Annual Report											
No.	Hyperlink	Title	Publication Type	AIMS Authors	All Authors	Source	Volume No.	Publication Date	Publication Year	Open Access	DOI number
11	A global overview of marine heatwaves in a changing climate Communications Earth & Environment	A global overview of marine heatwaves in a changing climate	Review	Jessica A. Benthuisen	Antonietta Capotondi, Regina R. Rodrigues, Alex Sen Gupta, Jessica A. Benthuisen, Clara Deser, Thomas L. Frölicher, Nicole S. Lovenduski, Dillon J. Amaya, Natacha Le Grix, Tongtong Xu, Juliet Hermes, Neil J. Holbrook, Cristian Martinez-Villalobos, Simona Masina, Mathew Koll Roxy, Amandine Schaeffer, Robert W. Schlegel, Kathryn E. Smith & Chunzai Wang	Communications Earth and Environment	5	Dec-24	2024	Yes	10.1038/s43247-024-01806-9
12	A mechanistic framework for complex microbe-host symbioses: Trends in Microbiology	A mechanistic framework for complex microbe-host symbioses	Review	Nicole S. Webster	Gui Araujo, José M. Montoya, Torsten Thomas, Nicole S. Webster, Miguel Lurgi	Trends in Microbiology	33	Jan-25	2025	Yes	10.1016/j.tim.2024.08.002
13	A scoping review of Indigenous Cultural Mapping of coastal, island, and marine environments - ScienceDirect	A scoping review of Indigenous Cultural Mapping of coastal, island, and marine environments	Review	Redbird Ferguson, Karen E. Joyce	Redbird Ferguson, Karen E. Joyce, Christian Reepmeyer, Rachel Groom, Kellie Pollard	Environmental Science and Policy	164	Feb-25	2025	Yes	10.1016/j.envsci.2025.103991
14	Understanding the role of micro-organisms in the settlement of coral larvae through community ecology Marine Biology	Understanding the role of micro-organisms in the settlement of coral larvae through community ecology	Review	Nicole Webster	Abigail C. Turnlund, Paul A. O'Brien, Laura Rix, Nicole Webster, Miguel Lurgi & Inka Vanwonderghem	Marine Biology	172	Mar-25	2025	Yes	10.1007/s00227-025-04607-6
15	Spatially restricted coral bleaching as an ecological manifestation of within-colony heterogeneity Communications Biology	Spatially restricted coral bleaching as an ecological manifestation of within-colony heterogeneity	Review	Matthew R. Nitschke	Christian R. Voolstra, Marten Schlotheuber, Emma F. Camp, Matthew R. Nitschke, Sebastian Szereday, Sonia Bejarano	Communications Biology	8	May-25	2025	Yes	10.1038/s42003-025-08150-4
16	Passive acoustic monitoring of fish choruses: a review to inform the development of a monitoring and management tool	Passive acoustic monitoring of fish choruses: a review to inform the development of a monitoring and management tool	Review	Miles J. G. Parsons	Lauren Amy Hawkins, Miles J. G. Parsons, Robert D. McCauley, Iain M. Parnum & Christine Erbe	Reviews in Fish Biology and Fisheries	35	Jun-25	2025	Yes	10.1007/s11160-025-09936-9

AIMS Publications for Financial Year 2024 - 2025: Short Surveys

No.	Hyperlink	Title	Publication Type	AIMS Authors	All Authors	Source	Volume No.	Publication Date	Publication Year	Open Access	DOI number
1	The future of utilising semiochemical pest control methods to manage the destructive crown-of-thorns starfish outbreaks on coral reefs	The future of utilising semiochemical pest control methods to manage the destructive crown-of-thorns starfish outbreaks on coral reefs	Short Survey	Richard J. Harris, Cherie A. Motti	Richard J. Harris, d'Artagnan L. Barnard, Gillian Paxton, Stewart Lockie, David J. Craik, Scott F. Cummins, Conan K. Wang, Cherie A. Motti	Biological Conservation	302	Feb-25	2025	Yes	10.1016/j.biocon.2025.110984
2	Enhancing coral bleaching predictive tools through integrating sensitivity to heat exposure	Enhancing coral bleaching predictive tools through integrating sensitivity to heat exposure	Short Survey	Valerie J. Cornet, Neal E. Cantin	Valerie J. Cornet, Neal E. Cantin, Karen E. Joyce, William Leggat, Tracy D. Ainsworth, Scott F. Heron	Biological Conservation	302	Feb-25	2025	Yes	10.1016/j.biocon.2024.110958

AIMS Publications for Financial Year 2024 - 2025: Notes

No.	Hyperlink	Title	Publication Type	AIMS Authors	All Authors	Source	Volume No.	Publication Date	Publication Year	Open Access	DOI number
1	Research priorities to support coral reefs during rapid climate change PLOS Climate	Research priorities to support coral reefs during rapid climate change	Note	Katharina E. Fabricius, Cynthia Riginos, Manuel Gonzalez-Rivero, David Mead, Britta Schaffelke	Katharina E. Fabricius, Sarah R. Cooley, Yimnang Golbuu, Cynthia Riginos, Manuel Gonzalez-Rivero, Scott F. Heron, David Mead, Joshua Cinner, Britta Schaffelke	PLOS Climate	2024	Jul-24	2024	Yes	10.1371/journal.pclm.0000435
2	Symbiont community dynamics in the turbid reef specialist, Turbinaria reniformis, along a latitudinal and environmental gradient in Western Australia	Symbiont community dynamics in the turbid reef specialist, Turbinaria reniformis, along a latitudinal and environmental gradient in Western Australia	Note	Luke Thomas	Adi Zweifler, Richard D. Evans, Nicola K. Browne & Luke Thomas	Coral Reefs	43	Sep-24	2024	Yes	10.1007/s00338-024-02528-2
3	The critical role of coral reef restoration in a changing world	The critical role of coral reef restoration in a changing world	Note	Katharina E. Fabricius	Raquel S. Peixoto, Christian R. Voolstra, Iliana B. Baums, Emma F. Camp, James Guest, Peter L. Harrison, Phanor H. Montoya-Maya, F. Joseph Pollock, David J. Smith, Daniel Wangpraseurt, Anastazia T. Banaszak, Apple P. Y. Chui, Nirmal Shah, Tom Moore, Katharina E. Fabricius, Tali Vardi & David J. Suggett	Nature Climate Change	14	Dec-24	2024	No	10.1038/s41558-024-02202-z

AIMS Publications for Financial Year 2024 - 2025: Data Papers

No.	Hyperlink	Title	Publication Type	AIMS Authors	All Authors	Source	Volume No.	Publication Date	Publication Year	Open Access	DOI number
1	East Victoria long term hydrodynamic modelling: Dataset and methodology - ScienceDirect	East Victoria long term hydrodynamic modelling: Dataset and methodology	Data Paper	Mark Case, Dianne L. McLean, Eric A. Trembl, Ronen Galaiduk	Dougal Greer, Rhys McIntosh, Mark Case, Dianne L. McLean, Eric A. Trembl, Ronen Galaiduk	Data in Brief	57	Dec-24	2024	Yes	10.1016/j.dib.2024.110921