

Robert H Richmond

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,028
citations

236925

25
h-index

345221

36
g-index

42
all docs

42
docs citations

42
times ranked

2080
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Ecotoxicology of tropical marine ecosystems. <i>Environmental Toxicology and Chemistry</i> , 1997, 16, 12-40. | 4.3 | 299 |
| 2 | Coral Reefs: Present Problems and Future Concerns Resulting from Anthropogenic Disturbance. <i>American Zoologist</i> , 1993, 33, 524-536. | 0.7 | 247 |
| 3 | Reproduction and Recruitment in Corals: Critical Links in the Persistence of Reefs. , 1997, , 175-197. | | 142 |
| 4 | Watersheds and Coral Reefs: Conservation Science, Policy, and Implementation. <i>BioScience</i> , 2007, 57, 598-607. | 4.9 | 102 |
| 5 | Designing a blueprint for coral reef survival. <i>Biological Conservation</i> , 2021, 257, 109107. | 4.1 | 82 |
| 6 | A model of the effects of land-based, human activities on the health of coral reefs in the Great Barrier Reef and in Fouha Bay, Guam, Micronesia. <i>Journal of Marine Systems</i> , 2004, 46, 133-144. | 2.1 | 78 |
| 7 | Substratum preferences in planula larvae of two species of scleractinian corals, <i>Goniastrea retiformis</i> and <i>Stylaraea punctata</i> . <i>Marine Biology</i> , 2007, 152, 639-644. | 1.5 | 75 |
| 8 | Sedimentation in mangroves and coral reefs in a wet tropical island, Pohnpei, Micronesia. <i>Estuarine, Coastal and Shelf Science</i> , 2006, 66, 409-416. | 2.1 | 66 |
| 9 | Quantifying the impact of watershed urbanization on a coral reef: Maunalua Bay, Hawaii. <i>Estuarine, Coastal and Shelf Science</i> , 2009, 84, 259-268. | 2.1 | 65 |
| 10 | Water and fine sediment dynamics in transient river plumes in a small, reef-fringed bay, Guam. <i>Estuarine, Coastal and Shelf Science</i> , 2003, 56, 1029-1040. | 2.1 | 58 |
| 11 | River discharge reduces reef coral diversity in Palau. <i>Marine Pollution Bulletin</i> , 2011, 62, 824-831. | 5.0 | 58 |
| 12 | The Effects of Anthropogenic Stressors on Reproduction and Recruitment of Corals and Reef Organisms. <i>Frontiers in Marine Science</i> , 2018, 5, . | 2.5 | 56 |
| 13 | Shifting the paradigm of coral-reef "health" assessment. <i>Marine Pollution Bulletin</i> , 2005, 51, 486-494. | 5.0 | 55 |
| 14 | Trapping of fine sediment in a semi-enclosed bay, Palau, Micronesia. <i>Estuarine, Coastal and Shelf Science</i> , 2003, 57, 941-949. | 2.1 | 52 |
| 15 | CELLULAR PHYSIOLOGICAL EFFECTS OF THE MV KYOWA VIOLET FUEL-OIL SPILL ON THE HARD CORAL, <i>PORITES LOBATA</i> . <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 3171. | 4.3 | 49 |
| 16 | Scientific frontiers in the management of coral reefs. <i>Frontiers in Marine Science</i> , 2015, 2, . | 2.5 | 48 |
| 17 | Gradients in coral reef communities exposed to muddy river discharge in Pohnpei, Micronesia. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 76, 14-20. | 2.1 | 45 |
| 18 | The use of cellular diagnostics for identifying sub-lethal stress in reef corals. <i>Ecotoxicology</i> , 2012, 21, 768-782. | 2.4 | 41 |

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|----|--|-----|-----------|
| 19 | ALTERATION OF NORMAL CELLULAR PROFILES IN THE SCLERACTINIAN CORAL (POCILLOPORA DAMICORNIS) FOLLOWING LABORATORY EXPOSURE TO FUEL OIL. Environmental Toxicology and Chemistry, 2006, 25, 3181. | 4.3 | 40 |
| 20 | Water quality thresholds for coastal contaminant impacts on corals: A systematic review and meta-analysis. Science of the Total Environment, 2021, 794, 148632. | 8.0 | 37 |
| 21 | Predicting Coral Recruitment in Palau's Complex Reef Archipelago. PLoS ONE, 2012, 7, e50998. | 2.5 | 34 |
| 22 | Effect of copper on fertilization success in the reef coral Acropora surculosa. Marine Pollution Bulletin, 2005, 50, 1448-1451. | 5.0 | 32 |
| 23 | Concentrations of Irgarol in selected marinas of Oahu, Hawaii and effects on settlement of coral larval. Ecotoxicology, 2012, 21, 1-8. | 2.4 | 31 |
| 24 | Changes to coral health and metabolic activity under oxygen deprivation. PeerJ, 2016, 4, e1956. | 2.0 | 30 |
| 25 | Invasive algal mats degrade coral reef physical habitat quality. Estuarine, Coastal and Shelf Science, 2012, 99, 42-49. | 2.1 | 29 |
| 26 | Effects of Land-Use Change on Characteristics and Dynamics of Watershed Discharges in Babeldaob, Palau, Micronesia. Journal of Marine Biology, 2011, 2011, 1-17. | 1.0 | 26 |
| 27 | Coral Reproduction in the Eastern Pacific. Coral Reefs of the World, 2017, , 435-476. | 0.7 | 22 |
| 28 | Physiological and molecular responses of lobe coral indicate nearshore adaptations to anthropogenic stressors. Scientific Reports, 2021, 11, 3423. | 3.3 | 18 |
| 29 | Coral Research: Past Efforts and Future Horizons. , 2011, , 3-10. | | 17 |
| 30 | Genetic structure is stronger across human-impacted habitats than among islands in the coral <i>Porites lobata</i> . PeerJ, 2020, 8, e8550. | 2.0 | 17 |
| 31 | Watershed restoration as a tool for improving coral reef resilience against climate change and other human impacts. Estuarine, Coastal and Shelf Science, 2016, 183, 430-437. | 2.1 | 13 |
| 32 | Corallite skeletal morphological variation in Hawaiian <i>Porites lobata</i> . Coral Reefs, 2018, 37, 445-456. | 2.2 | 12 |
| 33 | A resilient brooding coral in the broadcast spawning <i>Porites lobata</i> species complex: a new endemic, introduced species, mutant, or new adaptive potential?. Coral Reefs, 2020, 39, 809-818. | 2.2 | 11 |
| 34 | Environmental protection: applying the precautionary principle and proactive regulation to biotechnology. Trends in Biotechnology, 2008, 26, 460-467. | 9.3 | 10 |
| 35 | Successful Management of Coral Reef-Watershed Networks. , 2019, , 445-459. | | 10 |
| 36 | Aspects of Biology and Ecological Functioning of Coral Reefs in Guam and the Commonwealth of the Northern Mariana Islands. , 2008, , 719-739. | | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Antioxidant enzyme cycling over reproductive lunar cycles in <i>Pocillopora damicornis</i> . PeerJ, 2019, 7, e7020. | 2.0 | 5 |
| 38 | Oceanographic chaos and its role in larval self-recruitment and connectivity among fish populations in Micronesia. Estuarine, Coastal and Shelf Science, 2021, 259, 107461. | 2.1 | 3 |
| 39 | MAKING SCIENCE MATTER - FORGING EFFECTIVE PARTNERSHIPS FOR CORAL REEF CONSERVATION. Limnology and Oceanography Bulletin, 2014, 23, 52-55. | 0.4 | 2 |
| 40 | Life on the edge: Hawaiian model for coral evolution. Limnology and Oceanography, 2022, 67, 1976-1985. | 3.1 | 2 |