Mauricio Rodriguez-Lanetty

List of Publications by Year
in descending order

32 papers	2,044 citations	304743 22 h-index	414414 32 g-index
36 all docs	36 docs citations	36 times ranked	1938 citing authors

#	Article	IF	Citations
1	Coralâ€bleaching responses to climate change across biological scales. Global Change Biology, 2022, 28, 4229-4250.	9.5	44
2	Photophysiological Tolerance and Thermal Plasticity of Genetically Different Symbiodiniaceae Endosymbiont Species of Cnidaria. Frontiers in Marine Science, 2021, 8, .	2.5	11
3	Higher population genetic diversity within the algal symbiont <i>Durusdinium</i> in <i>Pocillopora verrucosa</i> from Mexican Pacific reefs correlates with higher resistance to bleaching after the El NiÃ±o 2015â€“16 event. Marine Ecology, 2021, 42, e12667.	1.1	2
4	Genomic signatures in the coral holobiont reveal host adaptations driven by Holocene climate change and reef specific symbionts. Science Advances, 2020, 6, .	10.3	44
5	Freeâ€living and symbiotic lifestyles of a thermotolerant coral endosymbiont display profoundly distinct transcriptomes under both stable and heat stress conditions. Molecular Ecology, 2019, 28, 5265-5281.	3.9	40
6	Proteomic Basis of Symbiosis: A Heterologous Partner Fails to Duplicate Homologous Colonization in a Novel Cnidarianâ€“ Symbiodiniaceae Mutualism. Frontiers in Microbiology, 2019, 10, 1153.	3.5	22
7	Recurring Episodes of Thermal Stress Shift the Balance From a Dominant Host-Specialist to a Background Host-Generalist Zooxanthella in the Threatened Pillar Coral, Dendrogyra cylindrus. Frontiers in Marine Science, 2019, 6, .	2.5	33
8	Inter-domain microbial diversity within the coral holobiont<i>Siderastrea siderea</i>from two depth habitats. PeerJ, 2018, 6, e4323.	2.0	28
9	Symbiotic immuno-suppression: is disease susceptibility the price of bleaching resistance?. PeerJ, 2018, 6, e4494.	2.0	22
10	Temporal dynamics of black band disease affecting pillar coral (Dendrogyra cylindrus) following two consecutive hyperthermal events on the Florida Reef Tract. Coral Reefs, 2017, 36, 427-431.	2.2	26
11	Worldwide exploration of the microbiome harbored by the cnidarian model,<i>Exaiptasia pallida</i>(Agassiz in Verrill, 1864) indicates a lack of bacterial association specificity at a lower taxonomic rank. PeerJ, 2017, 5, e3235.	2.0	31
12	Defending against pathogens â€“ immunological priming and its molecular basis in a sea anemone, cnidarian. Scientific Reports, 2015, 5, 17425.	3.3	27
13	Genetic diversity of free-living Symbiodinium in the Caribbean: the importance of habitats and seasons. Coral Reefs, 2015, 34, 927-939.	2.2	24
14	Ecological Inferences from a deep screening of the <scp>C</scp>omplex <scp>B</scp>acterial <scp>C</scp>onsortia associated with the coral, <i><scp>P</scp>orites astreoides</i>. Molecular Ecology, 2013, 22, 4349-4362.	3.9	59
15	Transcriptional Activation of c3 and hsp70 as Part of the Immune Response of Acropora millepora to Bacterial Challenges. PLoS ONE, 2013, 8, e67246.	2.5	53
16	Resistance to thermal stress in corals without changes in symbiont composition. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 1100-1107.	2.6	132
17	Major Cellular and Physiological Impacts of Ocean Acidification on a Reef Building Coral. PLoS ONE, 2012, 7, e34659.	2.5	262
18	Coral Thermal Tolerance: Tuning Gene Expression to Resist Thermal Stress. PLoS ONE, 2012, 7, e50685.	2.5	140

#	Article	IF	Citations
19	The use of highâ€resolution melting analysis for genotyping <i>Symbiodinium</i> strains: a sensitive and fast approach. Molecular Ecology Resources, 2011, 11, 394-399.	4.8	16
20	Validation of Housekeeping Genes for Gene Expression Studies in Symbiodinium Exposed to Thermal and Light Stress. Marine Biotechnology, 2011, 13, 355-365.	2.4	75
21	Two anthozoans,Entacmaea quadricolor(order Actiniaria) andAlveopora japonica(order Scleractinia), host consistent genotypes ofSymbiodiniumspp. across geographic ranges in the northwestern Pacific Ocean. Animal Cells and Systems, 2011, 15, 315-324.	2.2	6
22	Onset of symbiosis and distribution patterns of symbiotic dinoflagellates in the larvae of scleractinian corals. Marine Biology, 2009, 156, 1203-1212.	1.5	66
23	Early molecular responses of coral larvae to hyperthermal stress. Molecular Ecology, 2009, 18, 5101-5114.	3.9	183
24	Cell biology in model systems as the key to understanding corals. Trends in Ecology and Evolution, 2008, 23, 369-376.	8.7	293
25	Isolation of Symbiosomes and The Symbiosome Membrane Complex from The Zoanthid Zoanthus Robustus. Phycologia, 2008, 47, 294-306.	1.4	24
26	Analytical approach for selecting normalizing genes from a cDNA microarray platform to be used in q-RT-PCR assays: A cnidarian case study. Journal of Proteomics, 2008, 70, 985-991.	2.4	31
27	Temporal and spatial infection dynamics indicate recognition events in the early hours of a dinoflagellate/coral symbiosis. Marine Biology, 2006, 149, 713-719.	1.5	82
28	Transcriptome analysis of a cnidarian â€“ dinoflagellate mutualism reveals complex modulation of host gene expression. BMC Genomics, 2006, 7, 23.	2.8	138
29	Transport of symbiotic zooxanthellae in mesogleal canals of Zoanthus robustus?. Coral Reefs, 2005, 24, 195-196.	2.2	5
30	Genetic population structure of Littorina brevicula around Korean waters. Hydrobiologia, 2003, 505, 41-48.	2.0	9
31	Emergent effects of heavy metal pollution at a population level: Littorina brevicula a study case. Marine Pollution Bulletin, 2003, 46, 74-80.	5.0	38
32	Evolving lineages of Symbiodinium-like dinoflagellates based on ITS1 rDNA. Molecular Phylogenetics and Evolution, 2003, 28, 152-168.	2.7	49