

# Yi Jin Liew

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30  
papers

1,419  
citations

17  
h-index

32  
g-index

32  
ext. papers

1,980  
ext. citations

7.2  
avg, IF

4.56  
L-index

#	Paper	IF	Citations
30	Nutritional control regulates symbiont proliferation and life history in coral-dinoflagellate symbiosis.. <i>BMC Biology</i> , <b>2022</b> , 20, 103	7.3	1
29	The Evolution of Calcification in Reef-Building Corals. <i>Molecular Biology and Evolution</i> , <b>2021</b> , 38, 3543-3585		2
28	New Insights From Transcriptomic Data Reveal Differential Effects of CO <sub>2</sub> Acidification Stress on Photosynthesis of an Endosymbiotic Dinoflagellate. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 666510	5.7	1
27	Enhancing the heat tolerance of reef-building corals to future warming. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	15
26	Intergenerational epigenetic inheritance in reef-building corals. <i>Nature Climate Change</i> , <b>2020</b> , 10, 254-259	11.4	51
25	Long-Term Temperature Stress in the Coral Model <i>Aiptasia</i> Supports the "Anna Karenina Principle" for Bacterial Microbiomes. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 975	5.7	21
24	Host-dependent nitrogen recycling as a mechanism of symbiont control in <i>Aiptasia</i> . <i>PLoS Genetics</i> , <b>2019</b> , 15, e1008189	6	37
23	DNA Methylation Cancer Biomarkers: Translation to the Clinic. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 1150	4.5	140
22	Multi-omics analysis of thermal stress response in a zooxanthellate cnidarian reveals the importance of associating with thermotolerant symbionts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2018</b> , 285,	4.4	35
21	Recent expansion of heat-activated retrotransposons in the coral symbiont <i>Symbiodinium microadriaticum</i> . <i>ISME Journal</i> , <b>2018</b> , 12, 639-643	11.9	13
20	DNA methylation regulates transcriptional homeostasis of algal endosymbiosis in the coral model <i>Aiptasia</i> . <i>Science Advances</i> , <b>2018</b> , 4, eaat2142	14.3	39
19	Epigenome-associated phenotypic acclimatization to ocean acidification in a reef-building coral. <i>Science Advances</i> , <b>2018</b> , 4, eaar8028	14.3	74
18	Summarized datasheet for multi-omics response of three <i>Exaiptasia</i> strains to heat stress: a new way to process omics data. <i>BMC Research Notes</i> , <b>2018</b> , 11, 905	2.3	3
17	Draft genomes of the corallimorpharians <i>Amplexidiscus fenestrafer</i> and <i>Discosoma</i> sp. <i>Molecular Ecology Resources</i> , <b>2017</b> , 17, e187-e195	8.4	18
16	Advancing Genomics through the Global Invertebrate Genomics Alliance (GIGA). <i>Invertebrate Systematics</i> , <b>2017</b> , 31, 1-7	1.2	16
15	Association of coral algal symbionts with a diverse viral community responsive to heat shock. <i>BMC Microbiology</i> , <b>2017</b> , 17, 174	4.5	15
14	Comparative analysis of the genomes of <i>Stylophora pistillata</i> and <i>Acropora digitifera</i> provides evidence for extensive differences between species of corals. <i>Scientific Reports</i> , <b>2017</b> , 7, 17583	4.9	72

13	Condition-specific RNA editing in the coral symbiont <i>Symbiodinium microadriaticum</i> . <i>PLoS Genetics</i> , <b>2017</b> , 13, e1006619	6	36
12	Hologenome analysis of two marine sponges with different microbiomes. <i>BMC Genomics</i> , <b>2016</b> , 17, 158	4.5	40
11	miRNA Repertoires of Demosponges <i>Stylissa carteri</i> and <i>Xestospongia testudinaria</i> . <i>PLoS ONE</i> , <b>2016</b> , 11, e0149080	3.7	6
10	Comparative genomics explains the evolutionary success of reef-forming corals. <i>ELife</i> , <b>2016</b> , 5,	8.9	126
9	Reefgenomics.Org - a repository for marine genomics data. <i>Database: the Journal of Biological Databases and Curation</i> , <b>2016</b> , 2016,	5	69
8	Genomes of coral dinoflagellate symbionts highlight evolutionary adaptations conducive to a symbiotic lifestyle. <i>Scientific Reports</i> , <b>2016</b> , 6, 39734	4.9	210
7	The genome of <i>Aiptasia</i> , a sea anemone model for coral symbiosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 11893-8	11.5	244
6	Identification of microRNAs in the coral <i>Stylophora pistillata</i> . <i>PLoS ONE</i> , <b>2014</b> , 9, e91101	3.7	36
5	Integrating microRNA and mRNA expression profiling in <i>Symbiodinium microadriaticum</i> , a dinoflagellate symbiont of reef-building corals. <i>BMC Genomics</i> , <b>2013</b> , 14, 704	4.5	80
4	Epigenome-associated phenotypic acclimatization to ocean acidification in a reef-building coral		6
3	DNA methylation regulates transcriptional homeostasis of algal endosymbiosis in the coral model <i>Aiptasia</i>		4
2	Intergenerational epigenetic inheritance in reef-building corals		6
1	Meta-analysis reveals host-dependent nitrogen recycling as a mechanism of symbiont control in <i>Aiptasia</i>		2