Yi Jin Liew

List of Publications by Citations

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	The genome of Aiptasia, a sea anemone model for coral symbiosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 11893-8	11.5	244
29	Genomes of coral dinoflagellate symbionts highlight evolutionary adaptations conducive to a symbiotic lifestyle. *Scientific Reports*, **2016**, 6, 39734	4.9	210
28	DNA Methylation Cancer Biomarkers: Translation to the Clinic. *Frontiers in Genetics*, **2019**, 10, 1150	4.5	140
27	Comparative genomics explains the evolutionary success of reef-forming corals. *ELife*, **2016**, 5,	8.9	126
26	Integrating microRNA and mRNA expression profiling in Symbiodinium microadriaticum, a dinoflagellate symbiont of reef-building corals. *BMC Genomics*, **2013**, 14, 704	4.5	80
25	Epigenome-associated phenotypic acclimatization to ocean acidification in a reef-building coral. *Science Advances*, **2018**, 4, eaar8028	14.3	74
24	Comparative analysis of the genomes of Stylophora pistillata and Acropora digitifera provides evidence for extensive differences between species of corals. *Scientific Reports*, **2017**, 7, 17583	4.9	72
23	Reefgenomics.Org - a repository for marine genomics data. *Database: the Journal of Biological Databases and Curation*, **2016**, 2016,	5	69
22	Intergenerational epigenetic inheritance in reef-building corals. *Nature Climate Change*, **2020**, 10, 254-259	21.4	51
21	Hologenome analysis of two marine sponges with different microbiomes. *BMC Genomics*, **2016**, 17, 158	4.5	40
20	DNA methylation regulates transcriptional homeostasis of algal endosymbiosis in the coral model Aiptasia. *Science Advances*, **2018**, 4, eaat2142	14.3	39
19	Host-dependent nitrogen recycling as a mechanism of symbiont control in Aiptasia. *PLoS Genetics*, **2019**, 15, e1008189	6	37
18	Condition-specific RNA editing in the coral symbiont Symbiodinium microadriaticum. *PLoS Genetics*, **2017**, 13, e1006619	6	36
17	Identification of microRNAs in the coral Stylophora pistillata. *PLoS ONE*, **2014**, 9, e91101	3.7	36
16	Multi-omics analysis of thermal stress response in a zooxanthellate cnidarian reveals the importance of associating with thermotolerant symbionts. *Proceedings of the Royal Society B: Biological Sciences*, **2018**, 285,	4.4	35
15	Long-Term Temperature Stress in the Coral Model Aiptasia Supports the "Anna Karenina Principle" for Bacterial Microbiomes. *Frontiers in Microbiology*, **2019**, 10, 975	5.7	21
14	Draft genomes of the corallimorpharians Amplexidiscus fenestrafer and Discosoma sp. *Molecular Ecology Resources*, **2017**, 17, e187-e195	8.4	18

List of Publications

13	Advancing Genomics through the Global Invertebrate Genomics Alliance (GIGA). *Invertebrate Systematics*, **2017**, 31, 1-7	1.2	16
12	Association of coral algal symbionts with a diverse viral community responsive to heat shock. *BMC Microbiology*, **2017**, 17, 174	4.5	15
11	Enhancing the heat tolerance of reef-building corals to future warming. *Science Advances*, **2021**, 7,	14.3	15
10	Recent expansion of heat-activated retrotransposons in the coral symbiont Symbiodinium microadriaticum. *ISME Journal*, **2018**, 12, 639-643	11.9	13
9	miRNA Repertoires of Demosponges Stylissa carteri and Xestospongia testudinaria. *PLoS ONE*, **2016**, 11, e0149080	3.7	6
8	Epigenome-associated phenotypic acclimatization to ocean acidification in a reef-building coral		6
7	Intergenerational epigenetic inheritance in reef-building corals		6
6	DNA methylation regulates transcriptional homeostasis of algal endosymbiosis in the coral modelAiptasia		4
5	Summarized datasheet for multi-omics response of three Exaiptasia strains to heat stress: a new way to process omics data. *BMC Research Notes*, **2018**, 11, 905	2.3	3
4	Meta-analysis reveals host-dependent nitrogen recycling as a mechanism of symbiont control in Aiptasia		2
3	The Evolution of Calcification in Reef-Building Corals. *Molecular Biology and Evolution*, **2021**, 38, 3543-3555	8.5	2
2	New Insights From Transcriptomic Data Reveal Differential Effects of CO Acidification Stress on Photosynthesis of an Endosymbiotic Dinoflagellate. *Frontiers in Microbiology*, **2021**, 12, 666510	5.7	1
1	Nutritional control regulates symbiont proliferation and life history in coral-dinoflagellate symbiosis.. *BMC Biology*, **2022**, 20, 103	7.3	1