

# Gustav Paulay

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

3,994  
citations

394421

19  
h-index

243625

44  
g-index

52  
all docs

52  
docs citations

52  
times ranked

5279  
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA Barcoding: Error Rates Based on Comprehensive Sampling. PLoS Biology, 2005, 3, e422.	5.6	1,398
2	Conventional taxonomy obscures deep divergence between Pacific and Atlantic corals. Nature, 2004, 427, 832-835.	27.8	302
3	FINE SCALE ENDEMISM ON CORAL REEFS: ARCHIPELAGIC DIFFERENTIATION IN TURBINID GASTROPODS. Evolution; International Journal of Organic Evolution, 2005, 59, 113-125.	2.3	276
4	Biodiversity on Oceanic Islands: Its Origin and Extinction <sup>1</sup> . American Zoologist, 1994, 34, 134-144.	0.7	215
5	Ctenophore relationships and their placement as the sister group to all other animals. Nature Ecology and Evolution, 2017, 1, 1737-1746.	7.8	202
6	A review of contemporary patterns of endemism for shallow water reef fauna in the Red Sea. Journal of Biogeography, 2016, 43, 423-439.	3.0	150
7	Food limited growth and development of larvae: Experiments with natural sea water. Journal of Experimental Marine Biology and Ecology, 1985, 93, 1-10.	1.5	149
8	Diversification in the Tropical Pacific: Comparisons Between Marine and Terrestrial Systems and the Importance of Founder Speciation. Integrative and Comparative Biology, 2002, 42, 922-934.	2.0	139
9	On the origin of endemic species in the Red Sea. Journal of Biogeography, 2016, 43, 13-30.	3.0	133
10	Molecular phylogeny of extant Holothuroidea (Echinodermata). Molecular Phylogenetics and Evolution, 2017, 111, 110-131.	2.7	133
11	Diversity and Distribution of Reef Organisms. , 1997, , 298-353.		108
12	Dispersal and divergence across the greatest ocean region: Do larvae matter?. Integrative and Comparative Biology, 2006, 46, 269-281.	2.0	107
13	PERIPATRIC SPECIATION DRIVES DIVERSIFICATION AND DISTRIBUTIONAL PATTERN OF REEF HERMIT CRABS (DECAPODA: DIOGENIDAE: <i>CALCINUS</i> ). Evolution; International Journal of Organic Evolution, 2010, 64, 634-662.	2.3	101
14	Phylogeography unplugged: comparative surveys in the genomic era. Bulletin of Marine Science, 2014, 90, 13-46.	0.8	86
15	Interannual and decadal variability of the western Pacific sea surface condition for the years 1787â€”2000: Reconstruction based on stable isotope record from a Guam coral. Journal of Geophysical Research, 2005, 110, .	3.3	74
16	The Antarctic region as a marine biodiversity hotspot for echinoderms: Diversity and diversification of sea cucumbers. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 264-275.	1.4	56
17	The Southwestern Indian Ocean as a potential marine evolutionary hotspot: perspectives from comparative phylogeography of reef brittleâ€”stars. Journal of Biogeography, 2013, 40, 2167-2179.	3.0	55
18	Molecular biodiversity of Red Sea demosponges. Marine Pollution Bulletin, 2016, 105, 507-514.	5.0	41

#	ARTICLE	IF	CITATIONS
19	DNA Barcoding Methods for Invertebrates. <i>Methods in Molecular Biology</i> , 2012, 858, 47-77.	0.9	29
20	Evolution, Insular Restriction, and Extinction of Oceanic Land Crabs, Exemplified by the Loss of an Endemic <i>Geograpsus</i> in the Hawaiian Islands. <i>PLoS ONE</i> , 2011, 6, e19916.	2.5	26
21	Phylogenomics, life history and morphological evolution of ophiocomid brittlestars. <i>Molecular Phylogenetics and Evolution</i> , 2019, 130, 67-80.	2.7	22
22	Colour, confusion, and crossing: resolution of species problems in <i>Bohadschia</i> (Echinodermata). <i>Tj ETQq0 0 0,rgBT /Overlock 10 Tf</i>	2.3	20
23	Paleozoic origins of cheilostome bryozoans and their parental care inferred by a new genome-skimmed phylogeny. <i>Science Advances</i> , 2022, 8, eabm7452.	10.3	19
24	Unveiling hidden sponge biodiversity within the Hawaiian reef cryptofauna. <i>Coral Reefs</i> , 2022, 41, 727-742.	2.2	16
25	New <i>Holothuria</i> species from Australia (Echinodermata: Holothuroidea: Holothuriidae), with comments on the origin of deep and cool holothuriids. <i>Memoirs of Museum Victoria</i> , 2007, 64, 35-52.	0.6	14
26	Revision of the genus <i>Phyrella</i> (Holothuroidea: Dendrochirotida) with the description of a new species from Guam. <i>Zootaxa</i> , 2014, 3760, 101.	0.5	13
27	A new species of <i>Fizesereneia</i> (Crustacea: Brachyura: Cryptochiridae) from the Red Sea and Oman. <i>Zootaxa</i> , 2015, 3931, 585.	0.5	13
28	Shallow-water reef ophiuroids (Echinodermata: Ophiuroidea) of Réunion (Mascarene Islands), with biogeographic considerations. <i>Zootaxa</i> , 2016, 4098, 273-97.	0.5	11
29	MIS 7 interglacial sea-surface temperature and salinity reconstructions from a southwestern subtropical Pacific coral. <i>Quaternary Research</i> , 2013, 80, 575-585.	1.7	9
30	Diversification and distribution of gall crabs (Brachyura: Cryptochiridae: Opecarcinus) associated with Agariciidae corals. <i>Coral Reefs</i> , 2022, 41, 699-709.	2.2	9
31	Hyperdiverse Macrofauna Communities Associated with a Common Sponge, <i>Stylissa carteri</i> , Shift across Ecological Gradients in the Central Red Sea. <i>Diversity</i> , 2019, 11, 18.	1.7	8
32	<i>Pylopaguropsis lemaitrei</i> , a new species of hermit crab (Decapoda: Anomura: Paguridae) from French Polynesia. <i>Crustacean Research</i> , 2003, 32, 13-25.	0.8	7
33	World Travelers: DNA Barcoding Unmasks the Origin of Cloning Asteroid Larvae from the Caribbean. <i>Biological Bulletin</i> , 2020, 239, 73-79.	1.8	6
34	<i>Metopograpsus oceanicus</i> (Crustacea: Brachyura) in Hawaii and Guam: Another Recent Invasive? <i>Pacific Science</i> , 2007, 61, 295-300.	0.6	5
35	Description of the juvenile form of the sea cucumber <i>Thelenota anax</i> H. L. Clark, 1921. <i>Marine Biodiversity</i> , 2019, 49, 547-554.	1.0	5
36	DNA metabarcoding provides insights into the diverse diet of a dominant suspension feeder, the giant plumose anemone <i>Metridium farcimen</i> . <i>Environmental DNA</i> , 2022, 4, 147-156.	5.8	5

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37	Stasis and diversity in living fossils: Species delimitation and evolution of lingulid brachiopods. <i>Molecular Phylogenetics and Evolution</i> , 2022, 175, 107460.	2.7	5
38	A new species of <i>Arachnanthus</i> from the Red Sea (Cnidaria, Ceriantharia). <i>ZooKeys</i> , 2018, 748, 1-10.	1.1	4
39	Sixty-seven years on the lam: new records of a non-native swimming crab, <i>Charybdis hellerii</i> (A.) Tj ETQq1 1 0.784314 rgBT /Overlock <i>Crustacean Biology</i> , 2018, 38, 641-645.	0.8	3
40	The U.S. Ocean Biocode. <i>Marine Technology Society Journal</i> , 2021, 55, 140-141.	0.4	3
41	Revision of the coral reef crab genus <i>Tweedieia</i> Ward, 1935 (Decapoda: Brachyura: Xanthidae). <i>Journal of Crustacean Biology</i> , 2022, 42, .	0.8	3
42	A massive subtidal aggregation of hermit crabs in Surprise Atoll lagoon, New Caledonia. <i>Coral Reefs</i> , 2015, 34, 917-917.	2.2	2
43	A new genus and two new species of Argeiinae (Crustacea: Isopoda: Bopyridae) from the Indo-west Pacific. <i>Journal of Natural History</i> , 2017, 51, 405-420.	0.5	1
44	Two new species and a new record of Bopyrinae (Isopoda: Bopyridae) infesting Alpheidae and Hippolytidae, with comments on the genus <i>Bopyrina</i> Kossmann, 1881. <i>Systematic Parasitology</i> , 2021, 98, 155-165.	1.1	1
45	Phylogenetic position of <i>Bopyroides hippolytes</i> , with comments on the rearrangement of the mitochondrial genome in isopods (Isopoda: Epicaridea: Bopyridae). <i>BMC Genomics</i> , 2022, 23, 253.	2.8	1
46	A new species of the genus <i>Parioninella</i> (Epicaridea, Bopyridae, Pseudioninae) from Australia. <i>Crustaceana</i> , 2020, 93, 1503-1511.	0.3	0