

Harilaos A Lessios

List of Publications by Year in descending order

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39
papers

3,566
citations

331538
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citing authors

#	ARTICLE	IF	CITATIONS
1	Phylogeography, colouration, and cryptic speciation across the Indo-Pacific in the sea urchin genus <i>Echinothrix</i> . <i>Scientific Reports</i> , 2021, 11, 16568.	1.6	3
2	Marine species formation along the rise of Central America: The anomuran crab <i>Megalobrachium</i> . <i>Molecular Ecology</i> , 2020, 29, 413-428.	2.0	7
3	DNA barcoding of echinopluteus larvae uncovers cryptic diversity in neotropical echinoids. <i>Invertebrate Biology</i> , 2020, 139, e12292.	0.3	10
4	Eggs of echinoids separated by the Isthmus of Panama harbor divergent microbiota. <i>Marine Ecology - Progress Series</i> , 2020, 648, 169-177.	0.9	6
5	Host-associated microbiomes drive structure and function of marine ecosystems. <i>PLoS Biology</i> , 2019, 17, e3000533.	2.6	103
6	The molecular biogeography of the Indo-Pacific: Testing hypotheses with multispecies genetic patterns. <i>Global Ecology and Biogeography</i> , 2019, 28, 943-960.	2.7	43
7	Predominant east to west colonizations across major oceanic barriers: Insights into the phylogeographic history of the hydroid superfamily Plumularioidea, suggested by a mitochondrial DNA barcoding marker. <i>Ecology and Evolution</i> , 2019, 9, 13001-13016.	0.8	8
8	A phylogenomic resolution of the sea urchin tree of life. <i>BMC Evolutionary Biology</i> , 2018, 18, 189.	3.2	42
9	Hundreds of genetic barcodes of the species-rich hydroid superfamily Plumularioidea (Cnidaria). <i>Trends in Ecology and Evolution</i> , 2018, 33, 107-114.	1.6	19
10	Molecular signatures of host specificity linked to habitat specialization in <i>Exaiptasia</i> sea anemones. <i>Ecology and Evolution</i> , 2018, 8, 5413-5426.	0.8	9
11	Phylogeography of <i>Petrolisthes armatus</i> , an invasive species with low dispersal ability. <i>Scientific Reports</i> , 2017, 7, 3359.	1.6	17
12	Highly contrasted population genetic structures in a host-parasite pair in the Caribbean Sea. <i>Ecology and Evolution</i> , 2017, 7, 9267-9280.	0.8	13
13	Spatial Ecology of the American Crocodile in a Tropical Pacific Island in Central America. <i>PLoS ONE</i> , 2016, 11, e0157152.	1.1	17
14	Formation of the Isthmus of Panama. <i>Science Advances</i> , 2016, 2, e1600883.	4.7	565
15	The evolution of larval developmental mode: insights from hybrids between species with obligately and facultatively planktotrophic larvae. <i>Evolution & Development</i> , 2015, 17, 278-288.	1.1	6
16	Evolution of gamete attraction molecules: evidence for purifying selection in speract and its receptor, in the pantropical sea urchin <i>Diadema</i> . <i>Evolution & Development</i> , 2015, 17, 92-108.	1.1	9
17	Reproductive Ecology and Hatchling Growth Rates of the American Crocodile (<i>Crocodylus acutus</i>) on Coiba Island, Panama. <i>South American Journal of Herpetology</i> , 2015, 10, 10.	0.5	14
18	Appearance of an early closure of the Isthmus of Panama is the product of biased inclusion of data in the metaanalysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5765.	3.3	34

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19	Specimen collection: An essential tool. <i>Science</i> , 2014, 344, 814-815.	6.0	169
20	Phylogeography unplugged: comparative surveys in the genomic era. <i>Bulletin of Marine Science</i> , 2014, 90, 13-46.	0.4	86
21	Speciation on a round planet: phylogeography of the goatfish genus <i>Mulloidichthys</i> . <i>Journal of Biogeography</i> , 2013, 40, 2373-2384.	1.4	18
22	Phylogeography of the sand dollar genus <i>Mellita</i> : Cryptic speciation along the coasts of the Americas. <i>Molecular Phylogenetics and Evolution</i> , 2013, 69, 1033-1042.	1.2	25
23	A sea water barrier to coral gene flow. <i>Molecular Ecology</i> , 2012, 21, 5390-5392.	2.0	2
24	Phylogeography and bindin evolution in <i>Arbacia</i> , a sea urchin genus with an unusual distribution. <i>Molecular Ecology</i> , 2012, 21, 130-144.	2.0	49
25	Speciation Genes in Free-Spawning Marine Invertebrates. <i>Integrative and Comparative Biology</i> , 2011, 51, 456-465.	0.9	60
26	Genetic divergence and assortative mating between colour morphs of the sea urchin <i>Paracentrotus gaimardi</i> . <i>Molecular Ecology</i> , 2010, 19, 484-493.	2.0	24
27	Lack of Character Displacement in the Male Recognition Molecule, Bindin, in Atlantic Sea Urchins of the Genus <i>Echinometra</i> . <i>Molecular Biology and Evolution</i> , 2009, 26, 2135-2146.	3.5	21
28	A silent invasion. <i>Biological Invasions</i> , 2009, 11, 825-834.	1.2	56
29	Connectivity of populations within and between major biogeographic regions of the tropical Pacific in <i>Conus ebraeus</i> , a widespread marine gastropod. <i>Coral Reefs</i> , 2009, 28, 651-659.	0.9	30
30	Characterization of the Sperm Molecule Bindin in the Sea Urchin Genus <i>Paracentrotus</i> . <i>Journal of Molecular Evolution</i> , 2009, 68, 366-376.	0.8	22
31	Historical biogeography and speciation in the reef fish genus <i>Haemulon</i> (Teleostei: Haemulidae). <i>Molecular Phylogenetics and Evolution</i> , 2008, 48, 918-928.	1.2	106
32	A threat to coral reefs multiplied? Four species of crown-of-thorns starfish. <i>Biology Letters</i> , 2008, 4, 696-699.	1.0	107
33	Egg Energetics, Fertilization Kinetics, and Population Structure in Echinoids With Facultatively Feeding Larvae. <i>Biological Bulletin</i> , 2008, 215, 191-199.	0.7	13
34	Evolution and the latitudinal diversity gradient: speciation, extinction and biogeography. <i>Ecology Letters</i> , 2007, 10, 315-331.	3.0	1,361
35	Crossing the impassable: genetic connections in 20 reef fishes across the eastern Pacific barrier. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 2201-2208.	1.2	210
36	Phylogenetic relationships of spatangoid sea urchins (Echinoidea): taxon sampling density and congruence between morphological and molecular estimates. <i>Zoologica Scripta</i> , 2005, 34, 447-468.	0.7	58

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37	Migration, gene flow and reproductive isolation between and within morphotypes of the isopod <i>Excirolana</i> in two oceans. <i>Heredity</i> , 1993, 71, 561-573.	1.2	14
38	Rate variation of protein and mitochondrial DNA evolution as revealed by sea urchins separated by the isthmus of Panama.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 2734-2738.	3.3	136
39	Presence and absence of monthly reproductive rhythms among eight Caribbean echinoids off the coast of Panama. <i>Journal of Experimental Marine Biology and Ecology</i> , 1991, 153, 27-47.	0.7	73