Harilaos A Lessios

List of Publications by Year
in descending order

39 papers	3,566 citations	331538 21 h-index	302012 39 g-index
41 all docs	41 docs citations	41 times ranked	6010 citing authors

#	Article	IF	Citations
1	Evolution and the latitudinal diversity gradient: speciation, extinction and biogeography. Ecology Letters, 2007, 10, 315-331.	3.0	1,361
2	Formation of the Isthmus of Panama. Science Advances, 2016, 2, e1600883.	4.7	565
3	Crossing the impassable: genetic connections in 20 reef fishes across the eastern Pacific barrier. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 2201-2208.	1.2	210
4	Specimen collection: An essential tool. Science, 2014, 344, 814-815.	6.0	169
5	Rate variation of protein and mitochondrial DNA evolution as revealed by sea urchins separated by the isthmus of Panama.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 2734-2738.	3.3	136
6	A threat to coral reefs multiplied? Four species of crown-of-thorns starfish. Biology Letters, 2008, 4, 696-699.	1.0	107
7	Historical biogeography and speciation in the reef fish genus Haemulon (Teleostei: Haemulidae). Molecular Phylogenetics and Evolution, 2008, 48, 918-928.	1.2	106
8	Host-associated microbiomes drive structure and function of marine ecosystems. PLoS Biology, 2019, 17, e3000533.	2.6	103
9	Phylogeography unplugged: comparative surveys in the genomic era. Bulletin of Marine Science, 2014, 90, 13-46.	0.4	86
10	Presence and absence of monthly reproductive rhythms among eight Caribbean echinoids off the coast of Panama. Journal of Experimental Marine Biology and Ecology, 1991, 153, 27-47.	0.7	73
11	Speciation Genes in Free-Spawning Marine Invertebrates. Integrative and Comparative Biology, 2011, 51, 456-465.	0.9	60
12	Phylogenetic relationships of spatangoid sea urchins (Echinoidea): taxon sampling density and congruence between morphological and molecular estimates. Zoologica Scripta, 2005, 34, 447-468.	0.7	58
13	A silent invasion. Biological Invasions, 2009, 11, 825-834.	1.2	56
14	Phylogeography and bindin evolution in Arbacia, a sea urchin genus with an unusual distribution. Molecular Ecology, 2012, 21, 130-144.	2.0	49
15	The molecular biogeography of the Indoâ€Pacific: Testing hypotheses with multispecies genetic patterns. Global Ecology and Biogeography, 2019, 28, 943-960.	2.7	43
16	A phylogenomic resolution of the sea urchin tree of life. BMC Evolutionary Biology, 2018, 18, 189.	3.2	42
17	Appearance of an early closure of the Isthmus of Panama is the product of biased inclusion of data in the metaanalysis. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5765.	3.3	34
18	Connectivity of populations within and between major biogeographic regions of the tropical Pacific in Conus ebraeus, a widespread marine gastropod. Coral Reefs, 2009, 28, 651-659.	0.9	30

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19	Phylogeography of the sand dollar genus Mellita: Cryptic speciation along the coasts of the Americas. Molecular Phylogenetics and Evolution, 2013, 69, 1033-1042.	1.2	25
20	Genetic divergence and assortative mating between colour morphs of the sea urchinParacentrotus gaimardi. Molecular Ecology, 2010, 19, 484-493.	2.0	24
21	Characterization of the Sperm Molecule Bindin in the Sea Urchin Genus Paracentrotus. Journal of Molecular Evolution, 2009, 68, 366-376.	0.8	22
22	Lack of Character Displacement in the Male Recognition Molecule, Bindin, in Altantic Sea Urchins of the Genus Echinometra. Molecular Biology and Evolution, 2009, 26, 2135-2146.	3.5	21
23	Hundreds of genetic barcodes of the species-rich hydroid superfamily Plumularioidea (Cnidaria,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	19
24	Speciation on a round planet: phylogeography of the goatfish genus <scp>M</scp>ulloidichthys. Journal of Biogeography, 2013, 40, 2373-2384.	1.4	18
25	Spatial Ecology of the American Crocodile in a Tropical Pacific Island in Central America. PLoS ONE, 2016, 11, e0157152.	1.1	17
26	Phylogeography of Petrolisthes armatus, an invasive species with low dispersal ability. Scientific Reports, 2017, 7, 3359.	1.6	17
27	Migration, gene flow and reproductive isolation between and within morphotypes of the isopod Excirolana in two oceans. Heredity, 1993, 71, 561-573.	1.2	14
28	Reproductive Ecology and Hatchling Growth Rates of the American Crocodile (Crocodylus acutus) on Coiba Island, Panama. South American Journal of Herpetology, 2015, 10, 10.	0.5	14
29	Egg Energetics, Fertilization Kinetics, and Population Structure in Echinoids With Facultatively Feeding Larvae. Biological Bulletin, 2008, 215, 191-199.	0.7	13
30	Highly contrasted population genetic structures in a hostâ€“parasite pair in the Caribbean Sea. Ecology and Evolution, 2017, 7, 9267-9280.	0.8	13
31	DNA barcoding of echinopluteus larvae uncovers cryptic diversity in neotropical echinoids. Invertebrate Biology, 2020, 139, e12292.	0.3	10
32	Evolution of gamete attraction molecules: evidence for purifying selection in speract and its receptor, in the pantropical sea urchin Diadema. Evolution & Development, 2015, 17, 92-108.	1.1	9
33	Molecular signatures of host specificity linked to habitat specialization in Exaiptasia sea anemones. Ecology and Evolution, 2018, 8, 5413-5426.	0.8	9
34	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. Ecology and Evolution, 2019, 9, 13001-13016.	0.8	8
35	Marine species formation along the rise of Central America: The anomuran crab Megalobrachium. Molecular Ecology, 2020, 29, 413-428.	2.0	7
36	The evolution of larval developmental mode: insights from hybrids between species with obligately and facultatively planktotrophic larvae. Evolution & Development, 2015, 17, 278-288.	1.1	6

#	Article	IF	Citations
37	Eggs of echinoids separated by the Isthmus of Panama harbor divergent microbiota. Marine Ecology - Progress Series, 2020, 648, 169-177.	0.9	6
38	Phylogeography, colouration, and cryptic speciation across the Indo-Pacific in the sea urchin genus Echinothrix. Scientific Reports, 2021, 11, 16568.	1.6	3
39	A sea water barrier to coral gene flow. Molecular Ecology, 2012, 21, 5390-5392.	2.0	2