

Karen D Crow

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

967
citations

567281

15
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

1465
citing authors

#	ARTICLE	IF	CITATIONS
1	What Is the Role of Genome Duplication in the Evolution of Complexity and Diversity?. <i>Molecular Biology and Evolution</i> , 2006, 23, 887-892.	8.9	223
2	The "Fish-Specific" Hox Cluster Duplication Is Coincident with the Origin of Teleosts. <i>Molecular Biology and Evolution</i> , 2006, 23, 121-136.	8.9	170
3	Sympatric speciation in a genus of marine reef fishes. <i>Molecular Ecology</i> , 2010, 19, 2089-2105.	3.9	69
4	Expression of Hoxa-11 and Hoxa-13 in the pectoral fin of a basal ray-finned fish, <i>Polyodon spathula</i> : implications for the origin of tetrapod limbs. <i>Evolution & Development</i> , 2005, 7, 186-195.	2.0	61
5	Classroom sound can be used to classify teaching practices in college science courses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3085-3090.	7.1	60
6	An Independent Genome Duplication Inferred from Hox Paralogs in the American Paddlefish "A Representative Basal Ray-Finned Fish and Important Comparative Reference. <i>Genome Biology and Evolution</i> , 2012, 4, 937-953.	2.5	58
7	Molecular phylogeny and patterns of diversification in syngnathid fishes. <i>Molecular Phylogenetics and Evolution</i> , 2017, 107, 388-403.	2.7	54
8	Collectively Improving Our Teaching: Attempting Biology Department-wide Professional Development in Scientific Teaching. <i>CBE Life Sciences Education</i> , 2018, 17, ar2.	2.3	39
9	Maintenance of species boundaries despite rampant hybridization between three species of reef fishes (Hexagrammidae): implications for the role of selection. <i>Biological Journal of the Linnean Society</i> , 2007, 91, 135-147.	1.6	38
10	Molecular phylogeny of the hexagrammid fishes using a multi-locus approach. <i>Molecular Phylogenetics and Evolution</i> , 2004, 32, 986-997.	2.7	28
11	HYPERMUTABILITY OF <i>HOXA13A</i> AND FUNCTIONAL DIVERGENCE FROM ITS PARALOG ARE ASSOCIATED WITH THE ORIGIN OF A NOVEL DEVELOPMENTAL FEATURE IN ZEBRAFISH AND RELATED TAXA (CYPRINIFORMES). <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 1574-1592.	2.3	28
12	The evolution of underwater flight: The redistribution of pectoral fin rays, in manta rays and their relatives (Myliobatidae). <i>Journal of Morphology</i> , 2018, 279, 1155-1170.	1.2	20
13	Extreme gender flexibility: Using a phylogenetic framework to infer the evolution of variation in sex allocation, phylogeography, and speciation in a genus of bidirectional sex changing fishes (<i>Lythrypnus</i>). <i>TJ ETQq1 1 0.784314 rgBT /Ov</i>	1.3	19
14	The secret of the mermaid's purse: Phylogenetic affinities within the Rajidae and the evolution of a novel reproductive strategy in skates. <i>Molecular Phylogenetics and Evolution</i> , 2014, 75, 245-251.	2.7	19
15	Evidence for Multiple Maternal Contributors in Nests of Kelp Greenling (<i>Hexagrammos decagrammus</i>). <i>TJ ETQq1 1 0.784314 rgBT /Ov</i>	1.3	19
16	Reproduction, larviculture and early development of the Bluebanded goby, <i>Lythrypnus dalli</i> , an emerging model organism for studies in evolutionary developmental biology and sexual plasticity. <i>Aquaculture Research</i> , 2016, 47, 1899-1916.	1.8	16
17	HoxA and HoxD expression in a variety of vertebrate body plan features reveals an ancient origin for the distal Hox program. <i>EvoDevo</i> , 2014, 5, 44.	3.2	14
18	The role of HoxA11 and HoxA13 in the evolution of novel fin morphologies in a representative batoid (<i>Leucoraja erinacea</i>). <i>EvoDevo</i> , 2017, 8, 24.	3.2	12

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19	Multiple paternity is a shared reproductive strategy in the live-bearing surfperches (Embiotocidae) that may be associated with female fitness. <i>Ecology and Evolution</i> , 2014, 4, 2316-2329.	1.9	11
20	How the Devil Ray Got Its Horns: The Evolution and Development of Cephalic Lobes in Myliobatid Stingrays (Batoidea: Myliobatidae). <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	2.2	6
21	In the surf zone: Reproductive strategy of the calico surfperch (<sc><i>Amphistichus</i> Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 50	1.6	3
22	The first record of egg masses in tunicates deposited by the snubnose sculpin, <i>Orthonopias triacis</i>, from the Northeastern Pacific: evidence for convergent evolution of an unusual reproductive strategy. <i>Journal of Fish Biology</i> , 2022, 100, 82-91.	1.6	1
23	Evaluating Reproductive Strategies and Female Bateman Gradients in <i>Ditrema temminckii</i> : Is the Number of Fathers a Good Approximation for the Number of Mates?. <i>Copeia</i> , 2020, 108, .	1.3	1
24	The role of the 5â€² HoxA genes in the development of the hindgut, vent, and a novel sphincter in a derived teleost (bluebanded goby, <i>Lythrypnus dalli</i>). <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2023, 340, 518-530.	1.3	0
25	The Evolution of Underwater Flight in Manta Rays And Their Relatives (Myliobatidae). <i>FASEB Journal</i> , 2018, 32, lb531.	0.5	0
26	Invasive mangroves produce unsuitable habitat for endemic goby and burrowing shrimp pairs in Kaneohe Bay, Oâ€™ahu, Hawaiâ€™i. <i>Ciencias Marinas</i> , 2020, 46, .	0.4	0