

Kevin J Parsons

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,680
citations

304743

22
h-index

377865

34
g-index

41
all docs

41
docs citations

41
times ranked

1639
citing authors

#	ARTICLE	IF	CITATIONS
1	Changing times, spaces, and faces: tests and implications of adaptive morphological plasticity in the fishes of northern postglacial lakes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2002, 59, 1819-1833.	1.4	218
2	Benthic-Pelagic Divergence of Cichlid Feeding Architecture Was Prodigious and Consistent during Multiple Adaptive Radiations within African Rift-Lakes. <i>PLoS ONE</i> , 2010, 5, e9551.	2.5	143
3	Getting into Shape: An Empirical Comparison of Traditional Truss-Based Morphometric Methods with a Newer Geometric Method Applied to New World Cichlids. <i>Environmental Biology of Fishes</i> , 2003, 67, 417-431.	1.0	102
4	REPLICATED EVOLUTION OF INTEGRATED PLASTIC RESPONSES DURING EARLY ADAPTIVE DIVERGENCE. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 801-813.	2.3	90
5	A way forward with eco evo devo: an extended theory of resource polymorphism with postglacial fishes as model systems. <i>Biological Reviews</i> , 2019, 94, 1786-1808.	10.4	88
6	Genetic basis of continuous variation in the levels and modular inheritance of pigmentation in cichlid fishes. <i>Molecular Ecology</i> , 2014, 23, 5135-5150.	3.9	84
7	Wnt signalling underlies the evolution of new phenotypes and craniofacial variability in Lake Malawi cichlids. <i>Nature Communications</i> , 2014, 5, 3629.	12.8	84
8	Constraint and Opportunity: The Genetic Basis and Evolution of Modularity in the Cichlid Mandible. <i>American Naturalist</i> , 2012, 179, 64-78.	2.1	83
9	Foraging environment determines the genetic architecture and evolutionary potential of trophic morphology in cichlid fishes. <i>Molecular Ecology</i> , 2016, 25, 6012-6023.	3.9	70
10	A physiological perspective on fisheries-induced evolution. <i>Evolutionary Applications</i> , 2018, 11, 561-576.	3.1	66
11	Hybridization Promotes Evolvability in African Cichlids: Connections Between Transgressive Segregation and Phenotypic Integration. <i>Evolutionary Biology</i> , 2011, 38, 306-315.	1.1	62
12	Morphological variation over ontogeny and environments in resource polymorphic arctic charr (<i>Salvelinus alpinus</i>). <i>Evolution & Development</i> , 2010, 12, 246-257.	2.0	57
13	Roles for Bmp4 and CaM1 in Shaping the Jaw: Evo-Devo and Beyond. <i>Annual Review of Genetics</i> , 2009, 43, 369-388.	7.6	56
14	Modularity of the Oral Jaws Is Linked to Repeated Changes in the Craniofacial Shape of African Cichlids. <i>International Journal of Evolutionary Biology</i> , 2011, 2011, 1-10.	1.0	53
15	Multigenerational exposure to elevated temperatures leads to a reduction in standard metabolic rate in the wild. <i>Functional Ecology</i> , 2020, 34, 1205-1214.	3.6	35
16	Does phenotypic plasticity initiate developmental bias?. <i>Evolution & Development</i> , 2020, 22, 56-70.	2.0	33
17	Unifying and generalizing the two strands of evo-devo. <i>Trends in Ecology and Evolution</i> , 2013, 28, 584-591.	8.7	30
18	Nested Levels of Adaptive Divergence: The Genetic Basis of Craniofacial Divergence and Ecological Sexual Dimorphism. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 1613-1624.	1.8	29

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19	Skull morphology diverges between urban and rural populations of red foxes mirroring patterns of domestication and macroevolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200763.	2.6	29
20	Oil exposure alters social group cohesion in fish. <i>Scientific Reports</i> , 2019, 9, 13520.	3.3	27
21	Conservation Evo-Devo: Preserving Biodiversity by Understanding Its Origins. <i>Trends in Ecology and Evolution</i> , 2017, 32, 746-759.	8.7	25
22	Replicated evolution of integrated plastic responses during early adaptive divergence. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 801-13.	2.3	24
23	Body Shape Evolution in Sunfishes: Divergent Paths to Accelerated Rates of Speciation in the Centrarchidae. <i>Evolutionary Biology</i> , 2015, 42, 283-295.	1.1	23
24	Hidden genetic variation evolves with ecological specialization: the genetic basis of phenotypic plasticity in Arctic charr ecomorphs. <i>Evolution & Development</i> , 2014, 16, 247-257.	2.0	22
25	Conserved but flexible modularity in the zebrafish skull: implications for craniofacial evolvability. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172671.	2.6	22
26	Shoal size as a key determinant of vulnerability to capture under a simulated fishery scenario. <i>Ecology and Evolution</i> , 2018, 8, 6505-6514.	1.9	22
27	Limits of Principal Components Analysis for Producing a Common Trait Space: Implications for Inferring Selection, Contingency, and Chance in Evolution. <i>PLoS ONE</i> , 2009, 4, e7957.	2.5	20
28	Evolvability of the Cichlid Jaw: New Tools Provide Insights into the Genetic Basis of Phenotypic Integration. <i>Evolutionary Biology</i> , 2014, 41, 145-153.	1.1	19
29	Analyzing nested variation in the body form of Lepomid sunfishes. <i>Environmental Biology of Fishes</i> , 2008, 82, 409-420.	1.0	17
30	Morphogenesis of the Zebrafish Jaw: Development Beyond the Embryo. <i>Methods in Cell Biology</i> , 2011, 101, 225-248.	1.1	15
31	Hypoxia alters vulnerability to capture and the potential for trait-based selection in a scaled-down trawl fishery. , 2019, 7, coz082.		12
32	Density influences the heritability and genetic correlations of fish behaviour under trawling-associated selection. <i>Evolutionary Applications</i> , 2021, 14, 2527-2540.	3.1	7
33	Evolvability under climate change: Bone development and shape plasticity are heritable and correspond with performance in Arctic charr (<i>Salvelinus alpinus</i>). <i>Evolution & Development</i> , 2021, 23, 333-350.	2.0	6
34	Conservation biology meets evo-devo: How understanding the emergence of variation can inform its management. <i>Evolution & Development</i> , 2021, 23, 269-272.	2.0	1
35	Simulated trapping and trawling exert similar selection on fish morphology. <i>Ecology and Evolution</i> , 2022, 12, e8596.	1.9	1
36	Assessing the Levels of Functional Adaptation: Finite Element Analysis Reveals Species, Hybrid, and Sexual Variation in the Biomechanics of African Cichlid Mandibles. <i>Evolutionary Biology</i> , 0, , 1.	1.1	0