

Catherine E Wagner

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

4,839
citations

361413

20
h-index

434195

31
g-index

41
all docs

41
docs citations

41
times ranked

6290
citing authors

#	ARTICLE	IF	CITATIONS
1	The genomic substrate for adaptive radiation in African cichlid fish. <i>Nature</i> , 2014, 513, 375-381.	27.8	874
2	Genomics and the origin of species. <i>Nature Reviews Genetics</i> , 2014, 15, 176-192.	16.3	850
3	Ancient hybridization fuels rapid cichlid fish adaptive radiations. <i>Nature Communications</i> , 2017, 8, 14363.	12.8	509
4	Genome-wide RAD sequence data provide unprecedented resolution of species boundaries and relationships in the Lake Victoria cichlid adaptive radiation. <i>Molecular Ecology</i> , 2013, 22, 787-798.	3.9	415
5	Ecological opportunity and sexual selection together predict adaptive radiation. <i>Nature</i> , 2012, 487, 366-369.	27.8	412
6	Genomics of Rapid Incipient Speciation in Sympatric Threespine Stickleback. <i>PLoS Genetics</i> , 2016, 12, e1005887.	3.5	195
7	Population genomic signatures of divergent adaptation, gene flow and hybrid speciation in the rapid radiation of Lake Victoria cichlid fishes. <i>Molecular Ecology</i> , 2013, 22, 2848-2863.	3.9	192
8	Speciation in Freshwater Fishes. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2014, 45, 621-651.	8.3	171
9	Comparing Adaptive Radiations Across Space, Time, and Taxa. <i>Journal of Heredity</i> , 2020, 111, 1-20.	2.4	146
10	Diet predicts intestine length in Lake Tanganyika's cichlid fishes. <i>Functional Ecology</i> , 2009, 23, 1122-1131.	3.6	145
11	Evolution in a Community Context: On Integrating Ecological Interactions and Macroevolution. <i>Trends in Ecology and Evolution</i> , 2017, 32, 291-304.	8.7	129
12	Demographic modelling with whole-genome data reveals parallel origin of similar <i>Pundamilia</i> cichlid species after hybridization. <i>Molecular Ecology</i> , 2017, 26, 123-141.	3.9	106
13	Genomics of Parallel Ecological Speciation in Lake Victoria Cichlids. <i>Molecular Biology and Evolution</i> , 2018, 35, 1489-1506.	8.9	103
14	Cichlid species-area relationships are shaped by adaptive radiations that scale with area. <i>Ecology Letters</i> , 2014, 17, 583-592.	6.4	101
15	The coincidence of ecological opportunity with hybridization explains rapid adaptive radiation in Lake Mweru cichlid fishes. <i>Nature Communications</i> , 2019, 10, 5391.	12.8	79
16	River fragmentation increases localized population genetic structure and enhances asymmetry of dispersal in bullhead (<i>Cottus gobio</i>). <i>Conservation Genetics</i> , 2012, 13, 545-556.	1.5	59
17	CONTRASTING PATTERNS OF SPATIAL GENETIC STRUCTURE IN SYMPATRIC ROCK-DWELLING CICHLID FISHES. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 1312-1326.	2.3	47
18	Pattern and Process in the Comparative Study of Convergent Evolution. <i>American Naturalist</i> , 2017, 190, S13-S28.	2.1	45

#	ARTICLE	IF	CITATIONS
19	Unifying macroecology and macroevolution to answer fundamental questions about biodiversity. <i>Global Ecology and Biogeography</i> , 2019, 28, 1925-1936.	5.8	44
20	Rapid buildup of sympatric species diversity in Alpine whitefish. <i>Ecology and Evolution</i> , 2018, 8, 9398-9412.	1.9	34
21	Variable hybridization outcomes in trout are predicted by historical fish stocking and environmental context. <i>Molecular Ecology</i> , 2019, 28, 3738-3755.	3.9	28
22	Genomic landscape of early ecological speciation initiated by selection on nuptial colour. <i>Molecular Ecology</i> , 2017, 26, 7-24.	3.9	26
23	A unified model of species abundance, genetic diversity, and functional diversity reveals the mechanisms structuring ecological communities. <i>Molecular Ecology Resources</i> , 2021, 21, 2782-2800.	4.8	24
24	Structural genomic variation leads to genetic differentiation in Lake Tanganyika's sardines. <i>Molecular Ecology</i> , 2020, 29, 3277-3298.	3.9	21
25	Divergent parasite infections in sympatric cichlid species in Lake Victoria. <i>Journal of Evolutionary Biology</i> , 2018, 31, 1313-1329.	1.7	19
26	Recent speciation between sympatric Tanganyikan cichlid colour morphs. <i>Molecular Ecology</i> , 2012, 21, 3283-3292.	3.9	17
27	Speciation, species persistence and the goals of studying genomic barriers to gene flow. <i>Journal of Evolutionary Biology</i> , 2017, 30, 1512-1515.	1.7	8
28	The smelly path to sympatric speciation?. <i>Molecular Ecology</i> , 2018, 27, 4153-4156.	3.9	7
29	Improbable Big Birds. <i>Science</i> , 2018, 359, 157-159.	12.6	6
30	Historical Data Provide Important Context for Understanding Declines in Cutthroat Trout. <i>North American Journal of Fisheries Management</i> , 2021, 41, 809-819.	1.0	5
31	Ecological Opportunity, Genetic Variation, and the Origins of African Cichlid Radiations. , 2021, , 79-105.		3
32	Investigating the morphological and genetic divergence of arctic char (<i>Salvelinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (alpinus)	1.9	3
33	Temporal segregation in spawning between native Yellowstone cutthroat trout and introduced rainbow trout. <i>Ecology of Freshwater Fish</i> , 2023, 32, 94-106.	1.4	2
34	Hybridization decreases native cutthroat trout reproductive fitness. <i>Molecular Ecology</i> , 0, , .	3.9	2
35	The Genetic Population Structure of Lake Tanganyika's Late Species Flock, an Endemic Radiation of Pelagic Top Predators. <i>Journal of Heredity</i> , 2022, 113, 145-159.	2.4	1
36	Crossing borders: promoting graduate research in the developing world. <i>Frontiers in Ecology and the Environment</i> , 2009, 7, 333-334.	4.0	0