Suzanne E Mcgaugh

List of Publications by Year
in descending order

31 papers	1,262 citations	516215 16 h-index	500791 28 g-index
41 all docs	41 docs citations	41 times ranked	1742 citing authors

#	Article	IF	Citations
1	Hybridization underlies localized trait evolution in cavefish. IScience, 2022, 25, 103778.	1.9	17
2	CaveCrawler: an interactive analysis suite for cavefish bioinformatics. G3: Genes, Genomes, Genetics, 2022, 12, .	0.8	0
3	A chromosome-level genome of Astyanax mexicanus surface fish for comparing population-specific genetic differences contributing to trait evolution. Nature Communications, 2021, 12, 1447.	5.8	60
4	Whole-genome variation of transposable element insertions in a maize diversity panel. G3: Genes, Genomes, Genetics, 2021, 11, .	0.8	16
5	Repeated evolution of circadian clock dysregulation in cavefish populations. PLoS Genetics, 2021, 17, e1009642.	1.5	29
6	Pleiotropic function of the oca2 gene underlies the evolution of sleep loss and albinism in cavefish. Current Biology, 2021, 31, 3694-3701.e4.	1.8	30
7	The utility of genomic prediction models in evolutionary genetics. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210693.	1.2	13
8	Itâ€™s time to stop sweeping recombination rate under the genome scan rug. Molecular Ecology, 2020, 29, 4249-4253.	2.0	14
9	Dark world rises: The emergence of cavefish as a model for the study of evolution, development, behavior, and disease. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2020, 334, 397-404.	0.6	31
10	Unique transcriptional signatures of sleep loss across independently evolved cavefish populations. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2020, 334, 497-510.	0.6	11
11	Using multiple reference genomes to identify and resolve annotation inconsistencies. BMC Genomics, 2020, 21, 281.	1.2	10
12	An Adult Brain Atlas Reveals Broad Neuroanatomical Changes in Independently Evolved Populations of Mexican Cavefish. Frontiers in Neuroanatomy, 2019, 13, 88.	0.9	36
13	Stable transgenesis in <scp>Astyanax mexicanus</scp> using the Tol2 transposase system. Developmental Dynamics, 2019, 248, 679-687.	0.8	57
14	Contrasting Patterns of Rapid Molecular Evolution within thep53Network across Mammal and Sauropsid Lineages. Genome Biology and Evolution, 2019, 11, 629-643.	1.1	7
15	Nonrandom RNAseq gene expression associated with RNAlater and flash freezing storage methods. Molecular Ecology Resources, 2019, 19, 456-464.	2.2	31
16	A local duplication of the Melanocortin receptor 1 locus in Astyanax. Genome, 2018, 61, 254-265.	0.9	5
17	The limited role of differential fractionation in genome content variation and function in maize (Zea mays L.) inbred lines. Plant Journal, 2018, 93, 131-141.	2.8	42
18	The role of gene flow in rapid and repeated evolution of caveâ€related traits in Mexican tetra, Astyanax mexicanus. Molecular Ecology, 2018, 27, 4397-4416.	2.0	160

#	Article	IF	Citations
19	Tandem Duplicate Genes in Maize Are Abundant and Date to Two Distinct Periods of Time. G3: Genes, Genomes, Genetics, 2018, 8, 3049-3058.	0.8	13
20	The evolution of a series of behavioral traits is associated with autism-risk genes in cavefish. BMC Evolutionary Biology, 2018, 18, 89.	3.2	29
21	Growth and stress response mechanisms underlying post-feeding regenerative organ growth in the Burmese python. BMC Genomics, 2017, 18, 338.	1.2	32
22	Righting ability in hatchling turtles does not predict survival during dispersal in the field. Biological Journal of the Linnean Society, 2016, , .	0.7	5
23	Mapping the Genetic Basis of Troglomorphy in Astyanax. , 2016, , 111-135.		11
24	Rapid molecular evolution across amniotes of the IIS/TOR network. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7055-7060.	3.3	59
25	The cavefish genome reveals candidate genes for eye loss. Nature Communications, 2014, 5, 5307.	5.8	256
26	Population genetics of Blandingâ€™s turtle (Emys blandingii) in the midwestern United States. Conservation Genetics, 2014, 15, 61-73.	0.8	14
27	Recombination Modulates How Selection Affects Linked Sites in Drosophila. PLoS Biology, 2012, 10, e1001422.	2.6	104
28	Genomic impacts of chromosomal inversions in parapatricDrosophilaspecies. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 422-429.	1.8	111
29	Comparative population genetics of aquatic turtles in the desert. Conservation Genetics, 2012, 13, 1561-1576.	0.8	14
30	Color Variation among Habitat Types in the Spiny Softshell Turtles (Trionychidae: Apalone) of CuatrociÃ©negas, Coahuila, Mexico. Journal of Herpetology, 2008, 42, 347-353.	0.2	23
31	Evidence for rapid phenotypic and behavioural shifts in a recently established cavefish population. Biological Journal of the Linnean Society, 0, , .	0.7	5