Elizabeth A Mccullagh

List of Publications by Year
in descending order

16	383	1163117	996975
papers	citations	8	15
		h-index	g-index

26	26	26	716
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metformin ameliorates core deficits in a mouse model of fragile X syndrome. Nature Medicine, 2017, 23, 674-677.	30.7	164
2	Mechanisms underlying auditory processing deficits in Fragile X syndrome. FASEB Journal, 2020, 34, 3501-3518.	0.5	41
3	An Integrated Circuit for Simultaneous Extracellular Electrophysiology Recording and Optogenetic Neural Manipulation. IEEE Transactions on Biomedical Engineering, 2017, 64, 557-568.	4.2	37
4	Behavioral characterization of system xc- mutant mice. Behavioural Brain Research, 2014, 265, 1-11.	2.2	35
5	Tonotopic alterations in inhibitory input to the medial nucleus of the trapezoid body in a mouse model of Fragile X syndrome. Journal of Comparative Neurology, 2017, 525, 3543-3562.	1.6	23
6	Plumage color and reproductive output of eastern bluebirds (*Sialia sialis*) nesting near a mercury-contaminated river. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2015, 50, 1020-1028.	1.7	15
7	Low-latency single channel real-time neural spike sorting system based on template matching. PLoS ONE, 2019, 14, e0225138.	2.5	15
8	Characterization of Auditory and Binaural Spatial Hearing in a Fragile X Syndrome Mouse Model. ENeuro, 2020, 7, ENEURO.0300-19.2019.	1.9	12
9	Request a woman scientist: A database for diversifying the public face of science. PLoS Biology, 2019, 17, e3000212.	5.6	11
10	Determining striatal extracellular glutamate levels in xCT mutant mice using LFPS CE-LIF. Analytical Methods, 2014, 6, 2916-2922.	2.7	9
11	Auditory Brain Stem Responses in the C57BL/6J Fragile X Syndrome-Knockout Mouse Model. Frontiers in Integrative Neuroscience, 2021, 15, 803483.	2.1	7
12	Enhancement of de novo sequencing, assembly and annotation of the Mongolian gerbil genome with transcriptome sequencing and assembly from several different tissues. BMC Genomics, 2019, 20, 903.	2.8	5
13	Myelination Deficits in the Auditory Brainstem of a Mouse Model of Fragile X Syndrome. Frontiers in Neuroscience, 2021, 15, 772943.	2.8	4
14	Effects of an Extended Cage-change Interval on Ammonia Levels and Reproduction in Mongolian Gerbils (). Journal of the American Association for Laboratory Animal Science, 2017, 56, 713-717.	1.2	1
15	Editorial: Alterations in the Sound Localization Pathway Related to Impaired Cocktail-Party Performance. Frontiers in Neuroscience, 2022, 16, 902197.	2.8	1
16	Assessing gage: an online tool for improving gender visibility in STEMM. Facets, 2021, 6, 1601-1609.	2.4	0