Elisa L Hill-Yardin

List of Publications by Year
in descending order

33 papers	995 citations	471509 17 h-index	477307 29 g-index
37 all docs	37 docs citations	37 times ranked	1218 citing authors

#	Article	IF	Citations
1	Editorial: Interactions of the Nervous System With Bacteria. Frontiers in Neuroscience, 2021, 15, 682744.	2.8	2
2	The Role of Intestinal Macrophages in Gastrointestinal Homeostasis: Heterogeneity and Implications in Disease. Cellular and Molecular Gastroenterology and Hepatology, 2021, 12, 1701-1718.	4.5	46
3	Nitric Oxide Regulates Estrus Cycle Dependent Colonic Motility in Mice. Frontiers in Neuroscience, 2021, 15, 647555.	2.8	11
4	Colonic dilation and altered ex vivo gastrointestinal motility in the neuroliginâ€3 knockout mouse. Autism Research, 2020, 13, 691-701.	3.8	34
5	Towards Identifying Genetic Biomarkers for Gastrointestinal Dysfunction in Autism. Journal of Autism and Developmental Disorders, 2020, 50, 76-86.	2.7	8
6	Spatiotemporal Mapping Reveals Regional Gastrointestinal Dysfunction in mdx Dystrophic Mice Ameliorated by Oral L-arginine Supplementation. Journal of Neurogastroenterology and Motility, 2020, 26, 133-146.	2.4	7
7	Exercise improves metabolic function and alters the microbiome in rats with gestational diabetes. FASEB Journal, 2020, 34, 1728-1744.	0.5	19
8	Potential Determinants of Gastrointestinal Dysfunction in Autism Spectrum Disorders. Review Journal of Autism and Developmental Disorders, 2020, 7, 182-196.	3.4	2
9	A pioneer calf foetus microbiome. Scientific Reports, 2020, 10, 17712.	3.3	34
10	An altered glial phenotype in the NL3R451C mouse model of autism. Scientific Reports, 2020, 10, 14492.	3.3	17
11	Autism-associated synaptic mutations impact the gut-brain axis in mice. Brain, Behavior, and Immunity, 2020, 88, 275-282.	4.1	11
12	Altered Caecal Neuroimmune Interactions in the Neuroligin-3R451C Mouse Model of Autism. Frontiers in Cellular Neuroscience, 2020, 14, 85.	3.7	16
13	The Role of the Gastrointestinal Mucus System in Intestinal Homeostasis: Implications for Neurological Disorders. Frontiers in Cellular and Infection Microbiology, 2020, 10, 248.	3.9	109
14	A preliminary study of pharmacogenetic biomarkers for individuals with autism and gastrointestinal dysfunction. Research in Autism Spectrum Disorders, 2020, 71, 101516.	1.5	0
15	Ebselen prevents cigarette smoke-induced gastrointestinal dysfunction in mice. Clinical Science, 2020, 134, 2943-2957.	4.3	3
16	Gastrointestinal dysfunction in patients and mice expressing the autismâ€associated R451C mutation in neuroliginâ€3. Autism Research, 2019, 12, 1043-1056.	3.8	63
17	Endogenous Glutamate Excites Myenteric Calbindin Neurons by Activating Group I Metabotropic Glutamate Receptors in the Mouse Colon. Frontiers in Neuroscience, 2019, 13, 426.	2.8	24
18	The influence of neuroinflammation in Autism Spectrum Disorder. Brain, Behavior, and Immunity, 2019, 79, 75-90.	4.1	214

#	Article	IF	Citations
19	Altered Amygdala Excitation and CB1 Receptor Modulation of Aggressive Behavior in the Neuroligin-3R451C Mouse Model of Autism. Frontiers in Cellular Neuroscience, 2018, 12, 234.	3.7	45
20	Extracerebral Dysfunction in Animal Models of Autism Spectrum Disorder. Advances in Anatomy, Embryology and Cell Biology, 2017, 224, 159-187.	1.6	4
21	Using Animal Models to Study the Role of the Gutâ€"Brain Axis in Autism. Current Developmental Disorders Reports, 2017, 4, 28-36.	2.1	24
22	Effect of phenytoin on sodium conductances in rat hippocampal CA1 pyramidal neurons. Journal of Neurophysiology, 2016, 116, 1924-1936.	1.8	8
23	Properties of an intermediate-duration inactivation process of the voltage-gated sodium conductance in rat hippocampal CA1 neurons. Journal of Neurophysiology, 2016, 115, 790-802.	1.8	7
24	A sexually dimorphic effect of cholera toxin: rapid changes in colonic motility mediated via a 5â€HT₃ receptorâ€dependent pathway in female C57Bl/6 mice. Journal of Physiology, 2016, 594, 4325-4338.	2.9	29
25	The antiepileptic medications carbamazepine and phenytoin inhibit native sodium currents in murine osteoblasts. Epilepsia, 2016, 57, 1398-1405.	5.1	20
26	Video Imaging and Spatiotemporal Maps to Analyze Gastrointestinal Motility in Mice. Journal of Visualized Experiments, 2016, , 53828.	0.3	35
27	A neuroligin-3 mutation implicated in autism causes abnormal aggression and increases repetitive behavior in mice. Molecular Autism, 2015, 6, 62.	4.9	66
28	Reduced susceptibility to induced seizures in the Neuroligin-3R451C mouse model of autism. Neuroscience Letters, 2015, 589, 57-61.	2.1	18
29	Reduced dendritic arborization and hyperexcitability of pyramidal neurons in a Scn1b-based model of Dravet syndrome. Brain, 2014, 137, 1701-1715.	7.6	49
30	Su2054 Nitric Oxide Mediated Colonic Motility Is Altered in the Neuroligin-3 R451c Mouse Model of Autism. Gastroenterology, 2013, 144, S-543.	1.3	0
31	Translating preclinical environmental enrichment studies for the treatment of autism and other brain disorders: Comment on Woo and Leon (2013).. Behavioral Neuroscience, 2013, 127, 606-609.	1.2	7
32	Studying Autism in Rodent Models: Reconciling Endophenotypes with Comorbidities. Frontiers in Human Neuroscience, 2013, 7, 417.	2.0	42
33	Comparing the Gut Microbiome in Autism and Preclinical Models: A Systematic Review. Frontiers in Cellular and Infection Microbiology, 0, 12, .	3.9	16