

# Elisa L Hill-Yardin

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

995  
citations

471477

17  
h-index

477281

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

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