Roslyn Fitch

List of Publications by Year
in descending order

41	2,221	304743	276875
papers	citations	22 h-index	41 g-index

41	41	41	1976
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rapid auditory processing and medial geniculate nucleus anomalies in Kiaa0319 knockout mice. Genes, Brain and Behavior, 2022, 21, e12808.	2.2	2
2	Communicationâ€related assessments in an Angelman syndrome mouse model. Brain and Behavior, 2021, 11, e01937.	2.2	4
3	Peripheral Anomalies in USH2A Cause Central Auditory Anomalies in a Mouse Model of Usher Syndrome and CAPD. Genes, 2021, 12, 151.	2.4	4
4	Pharmacological studies of effort-related decision making using mouse touchscreen procedures: effects of dopamine antagonism do not resemble reinforcer devaluation by removal of food restriction. Psychopharmacology, 2020, 237, 33-43.	3.1	31
5	The dopamine depleting agent tetrabenazine alters effort-related decision making as assessed by mouse touchscreen procedures. Psychopharmacology, 2020, 237, 2845-2854.	3.1	12
6	Effort-related decision making in humanized COMT mice: Effects of Val158Met polymorphisms and possible implications for negative symptoms in humans. Pharmacology Biochemistry and Behavior, 2020, 196, 172975.	2.9	4
7	Multi-level evidence of an allelic hierarchy of USH2A variants in hearing, auditory processing and speech/language outcomes. Communications Biology, 2020, 3, 180.	4.4	6
8	Sex Differences in Brain Injury and Repair in Newborn Infants: Clinical Evidence and Biological Mechanisms. Frontiers in Pediatrics, 2019, 7, 211.	1.9	36
9	Shank3B mutant mice display pitch discrimination enhancements and learning deficits. International Journal of Developmental Neuroscience, 2019, 72, 13-21.	1.6	21
10	Behavioral and neuroanatomical outcomes in a rat model of preterm hypoxicâ€ischemic brain Injury: Effects of caffeine and hypothermia. International Journal of Developmental Neuroscience, 2018, 70, 46-55.	1.6	21
11	Deficits in learning and memory in mice with a mutation of the candidate dyslexia susceptibility gene Dyx1c1. Brain and Language, 2017, 172, 30-38.	1.6	18
12	Auditory Processing Enhancements in the TS2-Neo Mouse Model of Timothy Syndrome, a Rare Genetic Disorder Associated with Autism Spectrum Disorders. Advances in Neurodevelopmental Disorders, 2017, 1, 176-189.	1.1	9
13	Effects of Sex and Mild Intrainsult Hypothermia on Neuropathology and Neural Reorganization following Neonatal Hypoxic Ischemic Brain Injury in Rats. Neural Plasticity, 2016, 2016, 1-11.	2.2	23
14	Learning delays in a mouse model of Autism Spectrum Disorder. Behavioural Brain Research, 2016, 303, 201-207.	2.2	24
15	Mutation of the Dyslexia-Associated GeneDcdc2Enhances Glutamatergic Synaptic Transmission Between Layer 4 Neurons in Mouse Neocortex. Cerebral Cortex, 2016, 26, 3705-3718.	2.9	26
16	Sex Differences in Behavioral Outcomes Following Temperature Modulation During Induced Neonatal Hypoxic Ischemic Injury in Rats. Brain Sciences, 2015, 5, 220-240.	2.3	32
17	Morphometric changes in subcortical structures of the central auditory pathway in mice with bilateral nodular heterotopia. Behavioural Brain Research, 2015, 282, 61-69.	2.2	3
18	Spatial Working Memory Deficits in Male Rats Following Neonatal Hypoxic Ischemic Brain Injury Can Be Attenuated by Task Modifications. Brain Sciences, 2014, 4, 240-272.	2.3	19

#	Article	IF	Citations
19	Mutation of Dcdc2 in mice leads to impairments in auditory processing and memory ability. Genes, Brain and Behavior, 2014, 13, 802-811.	2.2	47
20	Cell size anomalies in the auditory thalamus of rats with hypoxicâ€ischemic injury on postnatal day 3 or 7. International Journal of Developmental Neuroscience, 2014, 33, 1-7.	1.6	4
21	Sex differences in behavioral outcome following neonatal hypoxia ischemia: Insights from a clinical meta-analysis and a rodent model of induced hypoxic ischemic brain injury. Experimental Neurology, 2014, 254, 54-67.	4.1	133
22	Therapeutic Effect of Caffeine Treatment Immediately Following Neonatal Hypoxic-Ischemic Injury on Spatial Memory in Male Rats. Brain Sciences, 2013, 3, 177-190.	2.3	28
23	Sex Differences in Mechanisms and Outcome of Neonatal Hypoxia-Ischemia in Rodent Models: Implications for Sex-Specific Neuroprotection in Clinical Neonatal Practice. Neurology Research International, 2012, 2012, 1-9.	1.3	155
24	Neocortical disruption and behavioral impairments in rats following in utero RNAi of candidate dyslexia risk gene Kiaa0319. International Journal of Developmental Neuroscience, 2012, 30, 293-302.	1.6	62
25	Early acoustic discrimination experience ameliorates auditory processing deficits in male rats with cortical developmental disruption. International Journal of Developmental Neuroscience, 2009, 27, 321-328.	1.6	28
26	Persistent spatial working memory deficits in rats with bilateral cortical microgyria. Behavioral and Brain Functions, 2008, 4, 45.	3.3	10
27	Use of a modified prepulse inhibition paradigm to assess complex auditory discrimination in rodents. Brain Research Bulletin, 2008, 76, 1-7.	3.0	76
28	Detection of silent gaps in white noise following cortical deactivation in rats. NeuroReport, 2008, 19, 893-898.	1.2	44
29	Developmental disruptions and behavioral impairments in rats following in utero RNAi of Dyx1c1. Brain Research Bulletin, 2007, 71, 508-514.	3.0	94
30	Age at developmental cortical injury differentially Alters corpus callosum volume in the rat. BMC Neuroscience, 2007, 8, 94.	1.9	9
31	Rapid auditory processing and learning deficits in rats with P1 versus P7 neonatal hypoxic-ischemic injury. Behavioural Brain Research, 2006, 172, 114-121.	2.2	21
32	The effects of erythropoietin on auditory processing following neonatal hypoxicâ€“ischemic injury. Brain Research, 2006, 1087, 190-195.	2.2	31
33	Auditory processing deficits in rats with neonatal hypoxicâ€ischemic injury. International Journal of Developmental Neuroscience, 2005, 23, 351-362.	1.6	36
34	Sex differences in rapid auditory processing deficits in microgyric rats. Developmental Brain Research, 2004, 148, 53-57.	1.7	32
35	Neural Mechanisms of Language-Based Learning Impairments: Insights from Human Populations and Animal Models. Behavioral and Cognitive Neuroscience Reviews, 2003, 2, 155-178.	3.9	59
36	Impaired Processing of Complex Auditory Stimuli in Rats with Induced Cerebrocortical Microgyria: An Animal Model of Developmental Language Disabilities. Journal of Cognitive Neuroscience, 2000, 12, 828-839.	2.3	56

#	Article	IF	Citations
37	Effects of sex and MK-801 on auditory-processing deficits associated with developmental microgyric lesions in rats.. Behavioral Neuroscience, 1997, 111, 404-412.	1.2	68
38	NEUROBIOLOGY OF SPEECH PERCEPTION. Annual Review of Neuroscience, 1997, 20, 331-353.	10.7	214
39	A case for auditory temporal processing as an evolutionary precursor to speech processing and language function. Behavioral and Brain Sciences, 1995, 18, 189-189.	0.7	1
40	Neurobiological Basis of Speech: A Case for the Preeminence of Temporal Processing. Annals of the New York Academy of Sciences, 1993, 682, 27-47.	3.8	716
41	Neonatal prazosin exposure reduces ovarian weight and estrogen receptor binding in adult female rats. International Journal of Developmental Neuroscience, 1992, 10, 435-438.	1.6	2