Elaine E Irvine

List of Publications by Year
in descending order

43 papers	3,274 citations	201674 27 h-index	254184 43 g-index
44 all docs	44 docs citations	44 times ranked	5487 citing authors

#	Article	IF	Citations
1	Spontaneous Cholemia in C57BL/6 Mice Predisposes to Liver Cancer in NASH. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 875-878.	4.5	5
2	Reproducing the dopamine pathophysiology of schizophrenia and approaches to ameliorate it: a translational imaging study with ketamine. Molecular Psychiatry, 2021, 26, 2562-2576.	7.9	60
3	Gene replacement ameliorates deficits in mouse and human models of cyclin-dependent kinase-like 5 disorder. Brain, 2020, 143, 811-832.	7.6	34
4	Genetic deletion of S6k1 does not rescue the phenotypic deficits observed in the R6/2 mouse model of Huntingtonâ€™s disease. Scientific Reports, 2019, 9, 16133.	3.3	2
5	Cardiac glycosides are broad-spectrum senolytics. Nature Metabolism, 2019, 1, 1074-1088.	11.9	207
6	Deletion of myeloid IRS2 enhances adipose tissue sympathetic nerve function and limits obesity. Molecular Metabolism, 2019, 20, 38-50.	6.5	18
7	Extrahypothalamic GABAergic nociceptinâ€“expressing neurons regulate AgRP neuron activity to control feeding behavior. Journal of Clinical Investigation, 2019, 130, 126-142.	8.2	20
8	Neuronatin deletion causes postnatal growth restriction and adult obesity in 129S2/Sv mice. Molecular Metabolism, 2018, 18, 97-106.	6.5	22
9	Neuronatin regulates pancreatic Î² cell insulin content and secretion. Journal of Clinical Investigation, 2018, 128, 3369-3381.	8.2	47
10	Phasic Stimulation of Midbrain Dopamine Neuron Activity Reduces Salt Consumption. ENeuro, 2018, 5, ENEURO.0064-18.2018.	1.9	29
11	nNOS-Expressing Neurons in the Ventral Tegmental Area and Substantia Nigra Pars Compacta. ENeuro, 2018, 5, ENEURO.0381-18.2018.	1.9	14
12	Modulation of SF1 Neuron Activity Coordinately Regulates Both Feeding Behavior and Associated Emotional States. Cell Reports, 2017, 21, 3559-3572.	6.4	73
13	PPARÎ³-coactivator-1Î± gene transfer reduces neuronal loss and amyloid-Î² generation by reducing Î²-secretase in an Alzheimerâ€™s disease model. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12292-12297.	7.1	106
14	<i>Î±</i><scp>CAR IGF</scp>â€1 vector targeting of motor neurons ameliorates disease progression in <scp>ALS</scp> mice. Annals of Clinical and Translational Neurology, 2016, 3, 752-768.	3.7	8
15	Phosphorylation of K⁺ channels at single residues regulates memory formation. Learning and Memory, 2016, 23, 174-181.	1.3	4
16	Evidence that hematopoietic stem cell function is preserved during aging in long-lived S6K1 mutant mice. Oncotarget, 2016, 7, 29937-29943.	1.8	14
17	Ribosomal S6K1 in POMC and AgRP Neurons Regulates Glucose Homeostasis but Not Feeding Behavior in Mice. Cell Reports, 2015, 11, 335-343.	6.4	59
18	Dynamic range of GSK3Î± not GSK3Î² is essential for bidirectional synaptic plasticity at hippocampal CA3â€CA1 synapses. Hippocampus, 2014, 24, 1413-1416.	1.9	36

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19	Peripheral activation of the Y2-receptor promotes secretion of GLP-1 and improves glucose tolerance. Molecular Metabolism, 2013, 2, 142-152.	6.5	54
20	Brain Deletion of Insulin Receptor Substrate 2 Disrupts Hippocampal Synaptic Plasticity and Metaplasticity. PLoS ONE, 2012, 7, e31124.	2.5	60
21	Properties of Contextual Memory Formed in the Absence of Î±CaMKII Autophosphorylation. Molecular Brain, 2011, 4, 8.	2.6	29
22	Insulin receptor substrate 2 is a negative regulator of memory formation. Learning and Memory, 2011, 18, 375-383.	1.3	50
23	Mechanism for long-term memory formation when synaptic strengthening is impaired. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18471-18475.	7.1	86
24	The ATM Cofactor ATMIN Protects against Oxidative Stress and Accumulation of DNA Damage in the Aging Brain. Journal of Biological Chemistry, 2010, 285, 38534-38542.	3.4	50
25	Dominant Role of the p110Î² Isoform of PI3K over p110Î± in Energy Homeostasis Regulation by POMC and AgRP Neurons. Cell Metabolism, 2009, 10, 343-354.	16.2	149
26	Deletion of Irs2 reduces amyloid deposition and rescues behavioural deficits in APP transgenic mice. Biochemical and Biophysical Research Communications, 2009, 386, 257-262.	2.1	121
27	Ribosomal Protein S6 Kinase 1 Signaling Regulates Mammalian Life Span. Science, 2009, 326, 140-144.	12.6	1,009
28	Sex-dependent up-regulation of two splicing factors, Psf and Srp20, during hippocampal memory formation. Learning and Memory, 2007, 14, 693-702.	1.3	33
29	NMDA receptorâ€dependent longâ€term potentiation in mouse hippocampal interneurons shows a unique dependence on Ca²⁺/calmodulinâ€dependent kinases. Journal of Physiology, 2007, 584, 885-894.	2.9	56
30	Î±CaMKII autophosphorylation: a fast track to memory. Trends in Neurosciences, 2006, 29, 459-465.	8.6	89
31	Î±CaMKII autophosphorylation contributes to rapid learning but is not necessary for memory. Nature Neuroscience, 2005, 8, 411-412.	14.8	114
32	Improved reversal learning and altered fear conditioning in transgenic mice with regionally restricted p25 expression. European Journal of Neuroscience, 2003, 18, 423-431.	2.6	83
33	Learning and memory impairments in Kvbeta1.1-null mutants are rescued by environmental enrichment or ageing. European Journal of Neuroscience, 2003, 18, 1640-1644.	2.6	29
34	Mood differences between male and female light smokers and nonsmokers. Pharmacology Biochemistry and Behavior, 2002, 72, 681-689.	2.9	25
35	Conditioned anxiety to nicotine. Psychopharmacology, 2002, 164, 309-317.	3.1	22
36	Tolerance to midazolam's anxiolytic effects after short-term nicotine treatment. Neuropharmacology, 2001, 40, 710-716.	4.1	17

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37	The dorsal raphÃ© nucleus is a crucial structure mediating nicotine's anxiolytic effects and the development of tolerance and withdrawal responses. Psychopharmacology, 2001, 155, 78-85.	3.1	106
38	Social isolation modifies nicotine's effects in animal tests of anxiety. British Journal of Pharmacology, 2001, 132, 1389-1395.	5.4	68
39	Tolerance to nicotine's effects in the elevated plus-maze and increased anxiety during withdrawal. Pharmacology Biochemistry and Behavior, 2001, 68, 319-325.	2.9	86
40	Different treatment regimens and the development of tolerance to nicotine's anxiogenic effects. Pharmacology Biochemistry and Behavior, 2001, 68, 769-776.	2.9	29
41	Development of tolerance to nicotineâ€™s anxiogenic effect in the social interaction test. Brain Research, 2001, 894, 95-100.	2.2	20
42	In Adolescence, Female Rats Are More Sensitive to the Anxiolytic Effect of Nicotine Than Are Male Rats. Neuropsychopharmacology, 2001, 25, 601-607.	5.4	77
43	The effect of treatment regimen on the development of tolerance to the sedative and anxiolytic effects of diazepam. Psychopharmacology, 1999, 145, 251-259.	3.1	54