

Samuel S Newton

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,037
citations

516710

16
h-index

454955

30
g-index

33
all docs

33
docs citations

33
times ranked

3121
citing authors

#	ARTICLE	IF	CITATIONS
1	A negative regulator of MAP kinase causes depressive behavior. <i>Nature Medicine</i> , 2010, 16, 1328-1332.	30.7	359
2	Gene Profile of Electroconvulsive Seizures: Induction of Neurotrophic and Angiogenic Factors. <i>Journal of Neuroscience</i> , 2003, 23, 10841-10851.	3.6	342
3	Inhibition of cAMP Response Element-Binding Protein or Dynorphin in the Nucleus Accumbens Produces an Antidepressant-Like Effect. <i>Journal of Neuroscience</i> , 2002, 22, 10883-10890.	3.6	285
4	Antidepressant actions of the exercise-regulated gene VGF. <i>Nature Medicine</i> , 2007, 13, 1476-1482.	30.7	247
5	Cognitive dysfunction in major depression and Alzheimer's disease is associated with hippocampus–prefrontal cortex dysconnectivity. <i>Neuropsychiatric Disease and Treatment</i> , 2017, Volume 13, 1509-1519.	2.2	91
6	Neurogenic Actions of Atypical Antipsychotic Drugs and Therapeutic Implications. <i>CNS Drugs</i> , 2007, 21, 715-725.	5.9	81
7	Oligodendrocyte morphometry and expression of myelin Related mRNA in ventral prefrontal white matter in major depressive disorder. <i>Journal of Psychiatric Research</i> , 2015, 65, 53-62.	3.1	76
8	Gene profiling the response to kainic acid induced seizures. <i>Molecular Brain Research</i> , 2005, 141, 95-112.	2.3	75
9	Regulation of Neurogenesis and Angiogenesis in Depression. <i>Current Neurovascular Research</i> , 2004, 1, 261-267.	1.1	71
10	Erythropoietin Induction by Electroconvulsive Seizure, Gene Regulation, and Antidepressant-Like Behavioral Effects. <i>Biological Psychiatry</i> , 2009, 66, 267-274.	1.3	68
11	Electroconvulsive seizure increases adult hippocampal angiogenesis in rats. <i>European Journal of Neuroscience</i> , 2006, 24, 819-828.	2.6	51
12	Orexin 2 receptor stimulation enhances resilience, while orexin 2 inhibition promotes susceptibility, to social stress, anxiety and depression. <i>Neuropharmacology</i> , 2018, 143, 79-94.	4.1	47
13	Restraint stress differentially regulates inflammation and glutamate receptor gene expression in the hippocampus of C57BL/6 and BALB/c mice. <i>Stress</i> , 2017, 20, 197-204.	1.8	38
14	Vascular growth factors in neuropsychiatry. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 1739-1752.	5.4	37
15	Chromatin Remodeling: A Novel Mechanism of Psychotropic Drug Action: Fig. 1.. <i>Molecular Pharmacology</i> , 2006, 70, 440-443.	2.3	23
16	Carbamoylated erythropoietin modulates cognitive outcomes of social defeat and differentially regulates gene expression in the dorsal and ventral hippocampus. <i>Translational Psychiatry</i> , 2018, 8, 113.	4.8	18
17	Carbamoylated erythropoietin induces a neurotrophic gene profile in neuronal cells. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 88, 132-141.	4.8	16
18	Stress and Its Impact on the Transcriptome. <i>Biological Psychiatry</i> , 2021, 90, 102-108.	1.3	15

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19	Regulation of growth factor receptor bound 2 by electroconvulsive seizure. <i>Molecular Brain Research</i> , 2004, 129, 185-188.	2.3	13
20	Effects of restraint stress on the regulation of hippocampal glutamate receptor and inflammation genes in female C57BL/6 and BALB/c mice. <i>Neurobiology of Stress</i> , 2019, 10, 100169.	4.0	13
21	Structural studies of UBXN2A and mortalin interaction and the putative role of silenced UBXN2A in preventing response to chemotherapy. <i>Cell Stress and Chaperones</i> , 2016, 21, 313-326.	2.9	12
22	Cerebrospinal fluid proteome evaluation in major depressive disorder by mass spectrometry. <i>BMC Psychiatry</i> , 2020, 20, 481.	2.6	11
23	Production of custom microarrays for neuroscience research. <i>Methods</i> , 2005, 37, 238-246.	3.8	10
24	Carbamoylated erythropoietin produces antidepressant-like effects in male and female mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 96, 109754.	4.8	7
25	Erythropoietin and Non-Erythropoietic Derivatives in Cognition. <i>Frontiers in Pharmacology</i> , 2021, 12, 728725.	3.5	7
26	A Comparative Analysis of Erythropoietin and Carbamoylated Erythropoietin Proteome Profiles. <i>Life</i> , 2021, 11, 359.	2.4	6
27	Indomethacin induced gene regulation in the rat hippocampus. <i>Molecular Brain</i> , 2015, 8, 59.	2.6	5
28	Evaluating Effects of EPO in Rodent Behavioral Assays Related to Depression. <i>Methods in Molecular Biology</i> , 2013, 982, 127-140.	0.9	4
29	Regulation of gene transcription in the central nervous system by norepinephrine. , 2007, , 95-118.		3
30	Computational analysis of ligand-receptor interactions in wild-type and mutant erythropoietin complexes. <i>Advances and Applications in Bioinformatics and Chemistry</i> , 2018, Volume 11, 1-8.	2.6	3
31	<p>Design and Development of a Behaviorally Active Recombinant Neurotrophic Factor</p>; <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 5393-5403.	4.3	3