

Scott E Hemby

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

5,775
citations

117625

34
h-index

91884

69
g-index

79
all docs

79
docs citations

79
times ranked

9060
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacological characterization of kratom alkaloids at opiate receptors: binding affinities, <i>in vitro</i> and <i>in vivo</i> functional assessments. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
2	Three diketomorpholines from a <i>Penicillium</i> sp. (strain G1071). <i>Phytochemistry</i> , 2021, 189, 112830.	2.9	4
3	mGluR5 hypofunction is integral to glutamatergic dysregulation in schizophrenia. <i>Molecular Psychiatry</i> , 2020, 25, 750-760.	7.9	39
4	Abuse liability and therapeutic potential of the <i>Mitragyna speciosa</i> (kratom) alkaloids mitragynine and 7- α -hydroxymitragynine. <i>Addiction Biology</i> , 2019, 24, 874-885.	2.6	103
5	CommonMind Consortium provides transcriptomic and epigenomic data for Schizophrenia and Bipolar Disorder. <i>Scientific Data</i> , 2019, 6, 180.	5.3	149
6	High and low doses of cocaine intake are differentially regulated by dopamine D2 receptors in the ventral tegmental area and the nucleus accumbens. <i>Neuroscience Letters</i> , 2018, 671, 133-139.	2.1	14
7	Landscape of Conditional eQTL in Dorsolateral Prefrontal Cortex and Co-localization with Schizophrenia GWAS. <i>American Journal of Human Genetics</i> , 2018, 102, 1169-1184.	6.2	128
8	Brain-Wide Insulin Resistance, Tau Phosphorylation Changes, and Hippocampal Neprilysin and Amyloid- β Alterations in a Monkey Model of Type 1 Diabetes. <i>Journal of Neuroscience</i> , 2016, 36, 4248-4258.	3.6	66
9	Gene expression elucidates functional impact of polygenic risk for schizophrenia. <i>Nature Neuroscience</i> , 2016, 19, 1442-1453.	14.8	952
10	NeuN+ neuronal nuclei in non-human primate prefrontal cortex and subcortical white matter after clozapine exposure. <i>Schizophrenia Research</i> , 2016, 170, 235-244.	2.0	20
11	Src kinase as a mediator of convergent molecular abnormalities leading to NMDAR hypoactivity in schizophrenia. <i>Molecular Psychiatry</i> , 2015, 20, 1091-1100.	7.9	56
12	Increased Sensitivity to Cocaine Self-Administration in HIV-1 Transgenic Rats is Associated with Changes in Striatal Dopamine Transporter Binding. <i>Journal of Neuroimmune Pharmacology</i> , 2015, 10, 493-505.	4.1	31
13	Altered Glutamate Protein Co-Expression Network Topology Linked to Spine Loss in the Auditory Cortex of Schizophrenia. <i>Biological Psychiatry</i> , 2015, 77, 959-968.	1.3	56
14	Biomarkers for the Development of New Medications for Cocaine Dependence. <i>Neuropsychopharmacology</i> , 2014, 39, 202-219.	5.4	34
15	Changes in dopamine transporter binding in nucleus accumbens following chronic self-administration cocaine: Heroin combinations. <i>Synapse</i> , 2014, 68, 437-444.	1.2	18
16	Monkey Alcohol Tissue Research Resource: Banking Tissues for Alcohol Research. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 1973-1981.	2.4	31
17	Altered expression of glial and synaptic markers in the anterior hippocampus of behaviorally depressed female monkeys. <i>Neuroscience Letters</i> , 2014, 563, 1-5.	2.1	14
18	The effects of chronic ethanol self-administration on hippocampal 5-HT1A receptors in monkeys. <i>Drug and Alcohol Dependence</i> , 2014, 136, 135-142.	3.2	16

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19	Hypothalamic proteoglycan syndecan-3 is a novel cocaine addiction resilience factor. <i>Nature Communications</i> , 2013, 4, 1955.	12.8	26
20	Dopaminergic Dysregulation in Prefrontal Cortex of Rhesus Monkeys Following Cocaine Self-Administration. <i>Frontiers in Psychiatry</i> , 2013, 4, 88.	2.6	14
21	Differential regulation of accumbal dopamine transmission in rats following cocaine, heroin and speedball self-administration. <i>Journal of Neurochemistry</i> , 2012, 122, 138-146.	3.9	25
22	Expression profiling in neuropsychiatric disorders: Emphasis on glutamate receptors in bipolar disorder. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 100, 705-711.	2.9	24
23	Speedball induced changes in electrically stimulated dopamine overflow in rat nucleus accumbens. <i>Neuropharmacology</i> , 2011, 60, 312-317.	4.1	13
24	Alternative Splicing of AMPA Subunits in Prefrontal Cortical Fields of Cynomolgus Monkeys Following Chronic Ethanol Self-Administration. <i>Frontiers in Psychiatry</i> , 2011, 2, 72.	2.6	41
25	Cocainomics: New Insights into the Molecular Basis of Cocaine Addiction. <i>Journal of Neuroimmune Pharmacology</i> , 2010, 5, 70-82.	4.1	16
26	Ethanol self-administration modulation of NMDA receptor subunit and related synaptic protein mRNA expression in prefrontal cortical fields in cynomolgus monkeys. <i>Brain Research</i> , 2010, 1318, 144-154.	2.2	30
27	Integrative proteomic analysis of the nucleus accumbens in rhesus monkeys following cocaine self-administration. <i>Molecular Psychiatry</i> , 2010, 15, 185-203.	7.9	38
28	Incubation of nicotine seeking is associated with enhanced protein kinase A-regulated signaling of dopamine- and cAMP-regulated phosphoprotein of 32 kDa in the insular cortex. <i>European Journal of Neuroscience</i> , 2010, 31, 733-741.	2.6	94
29	Aerobic Exercise Attenuates Reinstatement of Cocaine-Seeking Behavior and Associated Neuroadaptations in the Prefrontal Cortex. <i>Biological Psychiatry</i> , 2010, 68, 774-777.	1.3	98
30	MRI-guided dissection of the nonhuman primate brain: A case study. <i>Methods</i> , 2010, 50, 199-204.	3.8	22
31	Drug Reinforcement in Animals. , 2010, , 117-128.		1
32	Novel Methodologies: Proteomic Approaches in Substance Abuse Research. , 2010, , 359-378.		0
33	Modeling Substance Abuse for Applications in Proteomics. <i>Methods in Molecular Biology</i> , 2009, 566, 69-83.	0.9	4
34	Contribution of Ventral Tegmental GABA Receptors to Cocaine Self-administration in Rats. <i>Neurochemical Research</i> , 2008, 33, 459-467.	3.3	25
35	AMPA receptor subunit and splice variant expression in the DLPFC of schizophrenic subjects and rhesus monkeys chronically administered antipsychotic drugs. <i>Schizophrenia Research</i> , 2007, 90, 28-40.	2.0	41
36	Elevated GRIA1 mRNA expression in Layer II/III and V pyramidal cells of the DLPFC in schizophrenia. <i>Schizophrenia Research</i> , 2007, 97, 277-288.	2.0	43

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37	Cytosolic proteomic alterations in the nucleus accumbens of cocaine overdose victims. <i>Molecular Psychiatry</i> , 2007, 12, 55-73.	7.9	39
38	De novo protein sequence analysis of <i>Macaca mulatta</i> . <i>BMC Genomics</i> , 2007, 8, 270.	2.8	30
39	Transcriptional Regulation in Schizophrenia. , 2007, , 103-124.		1
40	Methods for proteomics in neuroscience. <i>Progress in Brain Research</i> , 2006, 158, 41-82.	1.4	69
41	Region Specific Regulation of NR1 in Rhesus Monkeys Following Chronic Antipsychotic Drug Administration. <i>Biological Psychiatry</i> , 2006, 60, 659-662.	1.3	15
42	Molecular mapping of striatal subdivisions in juvenile <i>Macaca Mulata</i> . <i>Experimental Neurology</i> , 2006, 198, 326-337.	4.1	3
43	Ethanol-Induced Regulation of GABAA Subunit mRNAs in Prefrontal Fields of <i>Cynomolgus</i> Monkeys. <i>Alcoholism: Clinical and Experimental Research</i> , 2006, 30, 1978-1985.	2.4	34
44	Two-dimensional fluorescence difference gel electrophoresis for comparative proteomics profiling. <i>Nature Protocols</i> , 2006, 1, 1732-1742.	12.0	163
45	Self-Administered Heroin and Cocaine Combinations in the Rat: Additive Reinforcing Effectsâ€™Supra-Additive Effects on Nucleus Accumbens Extracellular Dopamine. <i>Neuropsychopharmacology</i> , 2006, 31, 139-150.	5.4	54
46	Quantitation in two-dimensional fluorescence difference gel electrophoresis: Effect of protein fixation. <i>Electrophoresis</i> , 2006, 27, 2011-2015.	2.4	7
47	Assessment of genome and proteome profiles in cocaine abuse. <i>Progress in Brain Research</i> , 2006, 158, 173-195.	1.4	28
48	Cell and Tissue Microdissection in Combination with Genomic and Proteomic Applications. , 2006, , 109-141.		17
49	Cocaine-induced alterations in nucleus accumbens ionotropic glutamate receptor subunits in human and non-human primates. <i>Journal of Neurochemistry</i> , 2005, 95, 1785-1793.	3.9	55
50	Differential regulation of ionotropic glutamate receptor subunits following cocaine self-administration. <i>Brain Research</i> , 2005, 1064, 75-82.	2.2	52
51	Effect of Outlier Removal on Gene Marker Selection Using Support Vector Machines. , 2005, 2006, 917-20.		2
52	Chronic stress attenuates GABAergic inhibition and alters gene expression of parvocellular neurons in rat hypothalamus. <i>European Journal of Neuroscience</i> , 2004, 20, 1665-1673.	2.6	151
53	Alterations in ionotropic glutamate receptor subunits during binge cocaine self-administration and withdrawal in rats. <i>Journal of Neurochemistry</i> , 2004, 89, 1021-1033.	3.9	77
54	Single-Cell Gene Expression Analysis: Implications for Neurodegenerative and Neuropsychiatric Disorders. <i>Neurochemical Research</i> , 2004, 29, 1053-1064.	3.3	84

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55	Proteomics for Protein Expression Profiling in Neuroscience. <i>Neurochemical Research</i> , 2004, 29, 1065-1081.	3.3	103
56	Morphine-induced alterations in gene expression of calbindin immunopositive neurons in nucleus accumbens shell and core. <i>Neuroscience</i> , 2004, 126, 689-703.	2.3	32
57	Neuron-specific age-related decreases in dopamine receptor subtype mRNAs. <i>Journal of Comparative Neurology</i> , 2003, 456, 176-183.	1.6	91
58	Molecular profiling of midbrain dopamine regions in cocaine overdose victims. <i>Journal of Neurochemistry</i> , 2003, 85, 911-924.	3.9	104
59	Time-dependent changes in gene expression profiles of midbrain dopamine neurons following haloperidol administration. <i>Journal of Neurochemistry</i> , 2003, 87, 205-219.	3.9	30
60	Discrete Cell Gene Profiling of Ventral Tegmental Dopamine Neurons after Acute and Chronic Cocaine Self-Administration. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 307, 450-459.	2.5	48
61	Functional genomics and psychiatric illness. <i>Progress in Brain Research</i> , 2002, 138, 375-393.	1.4	6
62	Gene Expression Profile for Schizophrenia. <i>Archives of General Psychiatry</i> , 2002, 59, 631.	12.3	236
63	Molecular and Functional Profiling of Memory CD8 T Cell Differentiation. <i>Cell</i> , 2002, 111, 837-851.	28.9	873
64	Functional genomics approaches to a primate model of autistic symptomology. <i>Journal of Autism and Developmental Disorders</i> , 2001, 31, 551-555.	2.7	7
65	Expression profile of transcripts in Alzheimer's disease tangle-bearing CA1 neurons. <i>Annals of Neurology</i> , 2000, 48, 77-87.	5.3	310
66	Expression profile of transcripts in Alzheimer's disease tangle-bearing CA1 neurons. , 2000, 48, 77.		1
67	Expression profile of transcripts in Alzheimer's disease tangle-bearing CA1 neurons. <i>Annals of Neurology</i> , 2000, 48, 77-87.	5.3	4
68	Recent advances in the biology of addiction. <i>Current Psychiatry Reports</i> , 1999, 1, 159-165.	4.5	11
69	Predominance of neuronal mRNAs in individual Alzheimer's disease senile plaques. <i>Annals of Neurology</i> , 1999, 45, 174-181.	5.3	121
70	Predominance of neuronal mRNAs in individual Alzheimer's disease senile plaques. <i>Annals of Neurology</i> , 1999, 45, 174-181.	5.3	4
71	Presence and phosphorylation of transcription factors in developing dendrites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 2313-2318.	7.1	144
72	Differences in extracellular dopamine concentrations in the nucleus accumbens during response-dependent and response-independent cocaine administration in the rat. <i>Psychopharmacology</i> , 1997, 133, 7-16.	3.1	264

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73	Assessment of the relative contribution of peripheral and central components in cocaine place conditioning. <i>Pharmacology Biochemistry and Behavior</i> , 1994, 47, 973-979.	2.9	28
74	Environmental and pharmacological sensitization: effects of repeated administration of systemic or intra-nucleus accumbens cocaine. <i>Psychopharmacology</i> , 1993, 111, 109-116.	3.1	78
75	6-Hydroxydopamine lesions of the medial prefrontal cortex fail to influence cocaine-induced place conditioning. <i>Behavioural Brain Research</i> , 1992, 49, 225-230.	2.2	31
76	Conditioned locomotor activity but not conditioned place preference following intra-accumbens infusions of cocaine. <i>Psychopharmacology</i> , 1992, 106, 330-336.	3.1	76