Scott E Hemby

List of Publications by Year
in descending order

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	Gene expression elucidates functional impact of polygenic risk for schizophrenia. Nature Neuroscience, 2016, 19, 1442-1453.	14.8	952
2	Molecular and Functional Profiling of Memory CD8 T Cell Differentiation. Cell, 2002, 111, 837-851.	28.9	873
3	Expression profile of transcripts in Alzheimer's disease tangle-bearing CA1 neurons. Annals of Neurology, 2000, 48, 77-87.	5.3	310
4	Differences in extracellular dopamine concentrations in the nucleus accumbens during response-dependent and response-independent cocaine administration in the rat. Psychopharmacology, 1997, 133, 7-16.	3.1	264
5	Gene Expression Profile for Schizophrenia. Archives of General Psychiatry, 2002, 59, 631.	12.3	236
6	Two-dimensional fluorescence difference gel electrophoresis for comparative proteomics profiling. Nature Protocols, 2006, 1, 1732-1742.	12.0	163
7	Chronic stress attenuates GABAergic inhibition and alters gene expression of parvocellular neurons in rat hypothalamus. European Journal of Neuroscience, 2004, 20, 1665-1673.	2.6	151
8	CommonMind Consortium provides transcriptomic and epigenomic data for Schizophrenia and Bipolar Disorder. Scientific Data, 2019, 6, 180.	5.3	149
9	Presence and phosphorylation of transcription factors in developing dendrites. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 2313-2318.	7.1	144
10	Landscape of Conditional eQTL in Dorsolateral Prefrontal Cortex and Co-localization with Schizophrenia GWAS. American Journal of Human Genetics, 2018, 102, 1169-1184.	6.2	128
11	Predominance of neuronal mRNAs in individual Alzheimer's disease senile plaques. Annals of Neurology, 1999, 45, 174-181.	5.3	121
12	Molecular profiling of midbrain dopamine regions in cocaine overdose victims. Journal of Neurochemistry, 2003, 85, 911-924.	3.9	104
13	Proteomics for Protein Expression Profiling in Neuroscience. Neurochemical Research, 2004, 29, 1065-1081.	3.3	103
14	Abuse liability and therapeutic potential of the Mitragyna speciosa (kratom) alkaloids mitragynine and 7â€hydroxymitragynine. Addiction Biology, 2019, 24, 874-885.	2.6	103
15	Aerobic Exercise Attenuates Reinstatement of Cocaine-Seeking Behavior and Associated Neuroadaptations in the Prefrontal Cortex. Biological Psychiatry, 2010, 68, 774-777.	1.3	98
16	Incubation of nicotine seeking is associated with enhanced protein kinase Aâ€regulated signaling of dopamineâ€and cAMPâ€regulated phosphoprotein of 32â€ƒkDa in the insular cortex. European Journal of Neuroscience, 2010, 31, 733-741.	2.6	94
17	Neuron-specific age-related decreases in dopamine receptor subtype mRNAs. Journal of Comparative Neurology, 2003, 456, 176-183.	1.6	91
18	Single-Cell Gene Expression Analysis: Implications for Neurodegenerative and Neuropsychiatric Disorders. Neurochemical Research, 2004, 29, 1053-1064.	3.3	84

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19	Environmental and pharmacological sensitization: effects of repeated administration of systemic or intra-nucleus accumbens cocaine. Psychopharmacology, 1993, 111, 109-116.	3.1	78
20	Alterations in ionotropic glutamate receptor subunits during binge cocaine self-administration and withdrawal in rats. Journal of Neurochemistry, 2004, 89, 1021-1033.	3.9	77
21	Conditioned locomotor activity but not conditioned place preference following intra-accumbens infusions of cocaine. Psychopharmacology, 1992, 106, 330-336.	3.1	76
22	Methods for proteomics in neuroscience. Progress in Brain Research, 2006, 158, 41-82.	1.4	69
23	Brain-Wide Insulin Resistance, Tau Phosphorylation Changes, and Hippocampal Neprilysin and Amyloid-Î² Alterations in a Monkey Model of Type 1 Diabetes. Journal of Neuroscience, 2016, 36, 4248-4258.	3.6	66
24	Src kinase as a mediator of convergent molecular abnormalities leading to NMDAR hypoactivity in schizophrenia. Molecular Psychiatry, 2015, 20, 1091-1100.	7.9	56
25	Altered Glutamate Protein Co-Expression Network Topology Linked to Spine Loss in the Auditory Cortex of Schizophrenia. Biological Psychiatry, 2015, 77, 959-968.	1.3	56
26	Cocaine-induced alterations in nucleus accumbens ionotropic glutamate receptor subunits in human and non-human primates. Journal of Neurochemistry, 2005, 95, 1785-1793.	3.9	55
27	Self-Administered Heroin and Cocaine Combinations in the Rat: Additive Reinforcing Effectsâ€”Supra-Additive Effects on Nucleus Accumbens Extracellular Dopamine. Neuropsychopharmacology, 2006, 31, 139-150.	5.4	54
28	Differential regulation of ionotropic glutamate receptor subunits following cocaine self-administration. Brain Research, 2005, 1064, 75-82.	2.2	52
29	Discrete Cell Gene Profiling of Ventral Tegmental Dopamine Neurons after Acute and Chronic Cocaine Self-Administration. Journal of Pharmacology and Experimental Therapeutics, 2003, 307, 450-459.	2.5	48
30	Elevated GRIA1 mRNA expression in Layer II/III and V pyramidal cells of the DLPFC in schizophrenia. Schizophrenia Research, 2007, 97, 277-288.	2.0	43
31	AMPA receptor subunit and splice variant expression in the DLPFC of schizophrenic subjects and rhesus monkeys chronically administered antipsychotic drugs. Schizophrenia Research, 2007, 90, 28-40.	2.0	41
32	Alternative Splicing of AMPA Subunits in Prefrontal Cortical Fields of Cynomolgus Monkeys Following Chronic Ethanol Self-Administration. Frontiers in Psychiatry, 2011, 2, 72.	2.6	41
33	Cytosolic proteomic alterations in the nucleus accumbens of cocaine overdose victims. Molecular Psychiatry, 2007, 12, 55-73.	7.9	39
34	mGluR5 hypofunction is integral to glutamatergic dysregulation in schizophrenia. Molecular Psychiatry, 2020, 25, 750-760.	7.9	39
35	Integrative proteomic analysis of the nucleus accumbens in rhesus monkeys following cocaine self-administration. Molecular Psychiatry, 2010, 15, 185-203.	7.9	38
36	Ethanol-Induced Regulation of GABAA Subunit mRNAs in Prefrontal Fields of Cynomolgus Monkeys. Alcoholism: Clinical and Experimental Research, 2006, 30, 1978-1985.	2.4	34

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37	Biomarkers for the Development of New Medications for Cocaine Dependence. Neuropsychopharmacology, 2014, 39, 202-219.	5.4	34
38	Morphine-induced alterations in gene expression of calbindin immunopositive neurons in nucleus accumbens shell and core. Neuroscience, 2004, 126, 689-703.	2.3	32
39	6-Hydroxydopamine lesions of the medial prefrontal cortex fail to influence cocaine-induced place conditioning. Behavioural Brain Research, 1992, 49, 225-230.	2.2	31
40	Monkey Alcohol Tissue Research Resource: Banking Tissues for Alcohol Research. Alcoholism: Clinical and Experimental Research, 2014, 38, 1973-1981.	2.4	31
41	Increased Sensitivity to Cocaine Self-Administration in HIV-1 Transgenic Rats is Associated with Changes in Striatal Dopamine Transporter Binding. Journal of NeuroImmune Pharmacology, 2015, 10, 493-505.	4.1	31
42	Time-dependent changes in gene expression profiles of midbrain dopamine neurons following haloperidol administration. Journal of Neurochemistry, 2003, 87, 205-219.	3.9	30
43	De novo protein sequence analysis of Macaca mulatta. BMC Genomics, 2007, 8, 270.	2.8	30
44	Ethanol self-administration modulation of NMDA receptor subunit and related synaptic protein mRNA expression in prefrontal cortical fields in cynomolgus monkeys. Brain Research, 2010, 1318, 144-154.	2.2	30
45	Assessment of the relative contribution of peripheral and central components in cocaine place conditioning. Pharmacology Biochemistry and Behavior, 1994, 47, 973-979.	2.9	28
46	Assessment of genome and proteome profiles in cocaine abuse. Progress in Brain Research, 2006, 158, 173-195.	1.4	28
47	Hypothalamic proteoglycan syndecan-3 is a novel cocaine addiction resilience factor. Nature Communications, 2013, 4, 1955.	12.8	26
48	Contribution of Ventral Tegmental GABA Receptors to Cocaine Self-administration in Rats. Neurochemical Research, 2008, 33, 459-467.	3.3	25
49	Differential regulation of accumbal dopamine transmission in rats following cocaine, heroin and speedball selfâ€administration. Journal of Neurochemistry, 2012, 122, 138-146.	3.9	25
50	Expression profiling in neuropsychiatric disorders: Emphasis on glutamate receptors in bipolar disorder. Pharmacology Biochemistry and Behavior, 2012, 100, 705-711.	2.9	24
51	MRI-guided dissection of the nonhuman primate brain: A case study. Methods, 2010, 50, 199-204.	3.8	22
52	NeuN+ neuronal nuclei in non-human primate prefrontal cortex and subcortical white matter after clozapine exposure. Schizophrenia Research, 2016, 170, 235-244.	2.0	20
53	Changes in dopamine transporter binding in nucleus accumbens following chronic self-administration cocaine: Heroin combinations. Synapse, 2014, 68, 437-444.	1.2	18
54	Cell and Tissue Microdissection in Combination with Genomic and Proteomic Applications. , 2006, , 109-141.		17

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55	Cocainomics: New Insights into the Molecular Basis of Cocaine Addiction. Journal of NeuroImmune Pharmacology, 2010, 5, 70-82.	4.1	16
56	The effects of chronic ethanol self-administration on hippocampal 5-HT1A receptors in monkeys. Drug and Alcohol Dependence, 2014, 136, 135-142.	3.2	16
57	Region Specific Regulation of NR1 in Rhesus Monkeys Following Chronic Antipsychotic Drug Administration. Biological Psychiatry, 2006, 60, 659-662.	1.3	15
58	Dopaminergic Dysregulation in Prefrontal Cortex of Rhesus Monkeys Following Cocaine Self-Administration. Frontiers in Psychiatry, 2013, 4, 88.	2.6	14
59	Altered expression of glial and synaptic markers in the anterior hippocampus of behaviorally depressed female monkeys. Neuroscience Letters, 2014, 563, 1-5.	2.1	14
60	High and low doses of cocaine intake are differentially regulated by dopamine D2 receptors in the ventral tegmental area and the nucleus accumbens. Neuroscience Letters, 2018, 671, 133-139.	2.1	14
61	Speedball induced changes in electrically stimulated dopamine overflow in rat nucleus accumbens. Neuropharmacology, 2011, 60, 312-317.	4.1	13
62	Recent advances in the biology of addiction. Current Psychiatry Reports, 1999, 1, 159-165.	4.5	11
63	Functional genomics approaches to a primate model of autistic symptomology. Journal of Autism and Developmental Disorders, 2001, 31, 551-555.	2.7	7
64	Quantitation in two-dimensional fluorescence difference gel electrophoresis: Effect of protein fixation. Electrophoresis, 2006, 27, 2011-2015.	2.4	7
65	Functional genomics and psychiatric illness. Progress in Brain Research, 2002, 138, 375-393.	1.4	6
66	Three diketomorpholines from a Penicillium sp. (strain G1071). Phytochemistry, 2021, 189, 112830.	2.9	4
67	Predominance of neuronal mRNAs in individual Alzheimer's disease senile plaques. Annals of Neurology, 1999, 45, 174-181.	5.3	4
68	Expression profile of transcripts in Alzheimer's disease tangleâ€bearing CA1 neurons. Annals of Neurology, 2000, 48, 77-87.	5.3	4
69	Modeling Substance Abuse for Applications in Proteomics. Methods in Molecular Biology, 2009, 566, 69-83.	0.9	4
70	Molecular mapping of striatal subdivisions in juvenile Macaca Mulata. Experimental Neurology, 2006, 198, 326-337.	4.1	3
71	Effect of Outlier Removal on Gene Marker Selection Using Support Vector Machines. , 2005, 2006, 917-20.		2
72	Expression profile of transcripts in Alzheimer's disease tangle-bearing CA1 neurons. , 2000, 48, 77.		1

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73	Drug Reinforcement in Animals. , 2010, , 117-128.		1
74	Transcriptional Regulation in Schizophrenia. , 2007, , 103-124.		1
75	Novel Methodologies: Proteomic Approaches in Substance Abuse Research. , 2010, , 359-378.		0
76	Pharmacological characterization of kratom alkaloids at opiate receptors: binding affinities, in vitro and in vivo functional assessments. FASEB Journal, 2022, 36, .	0.5	0