Joseph P Huston

List of Publications by Year
in descending order

88 papers	4,948 citations	109137 35 h-index	95083 68 g-index
88 all docs	88 docs citations	88 times ranked	4950 citing authors

#	Article	IF	Citations
1	The pharmacology, neuroanatomy and neurogenetics of one-trial object recognition in rodents. Neuroscience and Biobehavioral Reviews, 2007, 31, 673-704.	2.9	603
2	Behavioral phenotyping of the MPTP mouse model of Parkinson's disease. Behavioural Brain Research, 2001, 125, 109-125.	1.2	373
3	Serotonin and psychostimulant addiction: Focus on 5-HT1A-receptors. Progress in Neurobiology, 2007, 81, 133-178.	2.8	297
4	What's conditioned in conditioned place preference?. Trends in Pharmacological Sciences, 2013, 34, 162-166.	4.0	234
5	MPTP susceptibility in the mouse: behavioral, neurochemical, and histological analysis of gender and strain differences. Behavior Genetics, 2000, 30, 171-182.	1.4	225
6	Episodic-like memory in mice: Simultaneous assessment of object, place and temporal order memory. Brain Research Protocols, 2005, 16, 10-19.	1.7	209
7	Integrated memory for objects, places, and temporal order: Evidence for episodic-like memory in mice. Neurobiology of Learning and Memory, 2005, 84, 214-221.	1.0	189
8	Wistar rats show episodic-like memory for unique experiences. Neurobiology of Learning and Memory, 2006, 85, 173-182.	1.0	186
9	The role of neuropeptides in learning: focus on the neurokinin substance P. Behavioural Brain Research, 1995, 66, 117-127.	1.2	138
10	The relationship between reinforcement and memory: Parallels in the rewarding and mnemonic effects of the neuropeptide substance P. Neuroscience and Biobehavioral Reviews, 1989, 13, 171-180.	2.9	101
11	Memory facilitation by posttrial hypothalamic stimulation and other reinforcers: A central theory of reinforcement. Biobehavioral Reviews, 1977, 1, 143-150.	1.4	98
12	The medial prefrontal cortexâ€"lateral entorhinal cortex circuit is essential for episodicâ€like memory and associative objectâ€recognition. Hippocampus, 2016, 26, 633-645.	0.9	88
13	Histidine-Decarboxylase Knockout Mice Show Deficient Nonreinforced Episodic Object Memory, Improved Negatively Reinforced Water-Maze Performance, and Increased Neo- and Ventro-Striatal Dopamine Turnover. Learning and Memory, 2003, 10, 510-519.	0.5	85
14	The medial prefrontal cortex - hippocampus circuit that integrates information of object, place and time to construct episodic memory in rodents: Behavioral, anatomical and neurochemical properties. Neuroscience and Biobehavioral Reviews, 2020, 113, 373-407.	2.9	84
15	â€œDespairâ€• induced by extinction trials in the water maze: Relationship with measures of anxiety in aged and adult rats. Neurobiology of Learning and Memory, 2007, 87, 309-323.	1.0	68
16	Increased levels of extracellular dopamine in neostriatum and nucleus accumbens after histamine H1 receptor blockade. Naunyn-Schmiedeberg's Archives of Pharmacology, 1998, 358, 423-429.	1.4	65
17	Anxiolytic-like action of neurokinin substance P administered systemically or into the nucleus basalis magnocellularis region. European Journal of Pharmacology, 1998, 354, 123-133.	1.7	60
18	Effects of substance P on extracellular dopamine in neostriatum and nucleus accumbens. European Journal of Pharmacology, 1992, 216, 103-107.	1.7	59

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19	Enhanced inhibitory avoidance learning produced by post-trial injections of substance P into the basal forebrain. Behavioral and Neural Biology, 1988, 49, 374-385.	2.3	51
20	Neurokinin3 receptor as a target to predict and improve learning and memory in the aged organism. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15097-15102.	3.3	50
21	Strain-dependent recovery of open-field behavior and striatal dopamine deficiency in the mouse MPTP model of Parkinsonâ€™s disease. Neurotoxicity Research, 1999, 1, 41-56.	1.3	47
22	Anxiogenic effects of substance P and its 7â€“11 C terminal, but not the 1â€“7 N terminal, injected into the dorsal periaqueductal grayâ˜†. Peptides, 1999, 20, 1437-1443.	1.2	47
23	Reinforcing effects of neurokinin substance P in the ventral pallidum: mediation by the tachykinin NK1 receptor. European Journal of Pharmacology, 1999, 370, 93-99.	1.7	46
24	A sphingolipid mechanism for behavioral extinction. Journal of Neurochemistry, 2016, 137, 589-603.	2.1	46
25	Substance P decreases extracellular concentrations of acetylcholine in neostriatum and nucleus accumbens in vivo: Possible relevance for the central processing of reward and aversion. Behavioural Brain Research, 1994, 63, 213-219.	1.2	45
26	Extinction-induced â€œdespairâ€•in the water maze, exploratory behavior and fear: Effects of chronic antidepressant treatment. Neurobiology of Learning and Memory, 2007, 87, 624-634.	1.0	43
27	Altered dopaminergic pathways and therapeutic effects of intranasal dopamine in two distinct mouse models of autism. Molecular Brain, 2020, 13, 111.	1.3	43
28	Animal models of extinction-induced depression: Loss of reward and its consequences. Neuroscience and Biobehavioral Reviews, 2013, 37, 2059-2070.	2.9	42
29	Central action of substance P: Possible role in reward. Behavioral and Neural Biology, 1985, 43, 100-108.	2.3	39
30	Differential modulation of frontal cortex acetylcholine by injection of substance P into the nucleus basalis magnocellularis region in the freely-moving vs. the anesthetized preparation. Synapse, 2000, 38, 243-253.	0.6	39
31	Positively reinforcing effects of the neurokinin substance P in the basal forebrain: Mediation by its C-terminal sequence. Experimental Neurology, 1992, 115, 282-291.	2.0	38
32	The interaction between the dopaminergic forebrain projections and the medial prefrontal cortex is critical for memory of objects: Implications for Parkinson's disease. Experimental Neurology, 2013, 247, 373-382.	2.0	38
33	Aversive effects of the C-fragment of Substance P in the dorsal periaqueductal gray matter. Experimental Brain Research, 1998, 123, 84-89.	0.7	37
34	NMDA receptor modulation by d-cycloserine promotes episodic-like memory in mice. Psychopharmacology, 2007, 193, 503-509.	1.5	37
35	Facilitation of conditioned inhibitory avoidance by post-trial peripheral injection of substance P1. Pharmacology Biochemistry and Behavior, 1986, 25, 469-472.	1.3	36
36	The C-terminal fragment of substance P enhances dopamine release in nucleus accumbens but not in neostriatum in freely moving rats. Brain Research, 1992, 592, 181-186.	1.1	36

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37	Higher Order Memories for Objects Encountered in Different Spatio-temporal Contexts in Mice: Evidence for Episodic Memory. Reviews in the Neurosciences, 2004, 15, 231-40.	1.4	36
38	Toward an animal model of extinction-induced despair: focus on aging and physiological indices. Journal of Neural Transmission, 2009, 116, 1029-1036.	1.4	36
39	Evidence for a Specific Integrative Mechanism for Episodic Memory Mediated by AMPA/kainate Receptors in a Circuit Involving Medial Prefrontal Cortex and Hippocampal CA3 Region. Cerebral Cortex, 2016, 26, 3000-3009.	1.6	36
40	Deficits in episodic memory and mental time travel in patients with post-traumatic stress disorder. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 83, 42-54.	2.5	35
41	Chronic administration of neurokinin SP improves maze performance in aged Rattus norvegicus. Behavioral and Neural Biology, 1994, 62, 110-120.	2.3	33
42	Lateralized changes in behavior and striatal dopamine release following unilateral tactile stimulation of the perioral region: a microdialysis study. Brain Research, 1991, 553, 318-322.	1.1	32
43	Opposite effects of substance P fragments C (anxiogenic) and N (anxiolytic) injected into dorsal periaqueductal gray. European Journal of Pharmacology, 2001, 432, 43-51.	1.7	32
44	Reinstatement of episodic-like memory in rats by neurokinin-1 receptor antagonism. Neurobiology of Learning and Memory, 2007, 87, 324-331.	1.0	32
45	Decreased methylation of the NK3 receptor coding gene (<i>TACR3</i>) after cocaineâ€induced place preference in marmoset monkeys. Addiction Biology, 2013, 18, 452-454.	1.4	32
46	Interhemispheric relationship between lateral hypothalamic self-stimulation and the region of the nucleus tegmenti pedunculo-pontinus. Brain Research, 1989, 487, 321-334.	1.1	31
47	Anxiolytic-like effects in rats produced by ventral pallidal injection of both N- and C-terminal fragments of substance P. Neuroscience Letters, 2000, 283, 37-40.	1.0	31
48	Interaction between the medial prefrontal cortex and hippocampal CA1 area is essential for episodic-like memory in rats. Neurobiology of Learning and Memory, 2017, 141, 72-77.	1.0	30
49	Evidence for a Dissociation between MPTP Toxicity and Tyrosinase Activity Based on Congenic Mouse Strain Susceptibility. Experimental Neurology, 2001, 168, 116-122.	2.0	29
50	Asymmetries in thigmotactic scanning: evidence for a role of dopaminergic mechanisms. Psychopharmacology, 1991, 103, 19-27.	1.5	28
51	Chromosomal Loci Influencing the Susceptibility to the Parkinsonian Neurotoxin 1-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine. Journal of Neuroscience, 2003, 23, 8247-8253.	1.7	28
52	Evidence for resistance to MPTP in C57BL/6 Ã— BALA/c F1 hybrids as compared with their progenitor strains. NeuroReport, 2000, 11, 1093-1096.	0.6	26
53	The neurokinin-1 receptor antagonist WIN51,708 attenuates the anxiolyticlike effects of ventralpallidal substance P injection. NeuroReport, 1999, 10, 2293-2296.	0.6	25
54	NK3 receptor agonism promotes episodic-like memory in mice. Neurobiology of Learning and Memory, 2008, 90, 420-425.	1.0	25

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55	Neurokinin-1 receptor antagonism by SR140333: enhanced in vivo ACh in the hippocampus and promnestic post-trial effects. Peptides, 2004, 25, 1959-1969.	1.2	24
56	Intra-nasal dopamine alleviates cognitive deficits in tgDISC1 rats which overexpress the human DISC1 gene. Neurobiology of Learning and Memory, 2017, 146, 12-20.	1.0	24
57	Extinction-induced â€œdespairâ€•in aged and adult rats: Links to neurotrophins in frontal cortex and hippocampus. Neurobiology of Learning and Memory, 2008, 90, 519-526.	1.0	23
58	Up-hill avoidance: A new passive-avoidance task. Physiology and Behavior, 1979, 22, 775-776.	1.0	22
59	Evidence for anatomical specificity for the reinforcing effects of SP in the nucleus basalis magnocellularis. NeuroReport, 1998, 9, 7-10.	0.6	21
60	Neurokinin3 receptor activation potentiates the psychomotor and nucleus accumbens dopamine response to cocaine, but not its place conditioning effects. European Journal of Neuroscience, 2007, 25, 2457-2472.	1.2	21
61	The neurokinin-3 receptor agonist senktide facilitates the integration of memories for object, place and temporal order into episodic memory. Neurobiology of Learning and Memory, 2014, 114, 178-185.	1.0	20
62	Concurrent assessment of memory for object and place: Evidence for different preferential importance of perirhinal cortex and hippocampus and for promnestic effect of a neurokinin-3 R agonist. Neurobiology of Learning and Memory, 2016, 130, 149-158.	1.0	20
63	Neutral sphingomyelinase mediates the co-morbidity trias of alcohol abuse, major depression and bone defects. Molecular Psychiatry, 2021, 26, 7403-7416.	4.1	20
64	Quantitative Proteomics of Synaptosomal Fractions in a Rat Overexpressing Human DISC1 Gene Indicates Profound Synaptic Dysregulation in the Dorsal Striatum. Frontiers in Molecular Neuroscience, 2018, 11, 26.	1.4	19
65	Functional Convergence of Motor and Social Processes in Lobule IV/V of the Mouse Cerebellum. Cerebellum, 2021, 20, 836-852.	1.4	19
66	Enhanced learning produced by injection of neurokinin substance P into the region of the nucleus basalis magnocellularis: Mediation by the N-terminal sequence. Experimental Neurology, 1992, 118, 302-308.	2.0	18
67	Chapter 2.2 Animal episodic memory. Handbook of Behavioral Neuroscience, 2008, 18, 155-184.	0.7	18
68	The NK3 receptor agonist senktide ameliorates scopolamine-induced deficits in memory for object, place and temporal order. Neurobiology of Learning and Memory, 2012, 97, 235-240.	1.0	17
69	Fellow travellers: Working memory and mental time travel in rodents. Behavioural Brain Research, 2018, 352, 2-7.	1.2	16
70	Anxiogenic-like behavior and deficient attention/working memory in rats expressing the human DISC1 gene. Pharmacology Biochemistry and Behavior, 2019, 179, 73-79.	1.3	16
71	Enhanced Learning by Posttrial Injection of H1-but Not H2-Histaminergic Antagonists into the Nucleus Basalis Magnocellularis Region. Neurobiology of Learning and Memory, 1999, 71, 308-324.	1.0	15
72	Disrupted-in-Schizophrenia 1 (DISC1) Overexpression and Juvenile Immune Activation Cause Sex-Specific Schizophrenia-Related Psychopathology in Rats. Frontiers in Psychiatry, 2019, 10, 222.	1.3	15

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73	Aî² dimers induce behavioral and neurochemical deficits of relevance to early Alzheimer's disease. Neurobiology of Aging, 2018, 69, 1-9.	1.5	14
74	Neuropharmacology of light-induced locomotor activation. Neuropharmacology, 2015, 95, 243-251.	2.0	13
75	Facilitation of tunnel maze performance by systemic injection of the neurokinin substance P. Peptides, 1993, 14, 85-95.	1.2	12
76	Neutral Sphingomyelinase is an Affective Valence-Dependent Regulator of Learning and Memory. Cerebral Cortex, 2021, 31, 1316-1333.	1.6	12
77	Chronic corticosterone treatment enhances extinction-induced depression in aged rats. Hormones and Behavior, 2016, 86, 21-26.	1.0	10
78	Adult alcohol drinking and emotional tone are mediated by neutral sphingomyelinase during development in males. Cerebral Cortex, 2023, 33, 844-864.	1.6	9
79	Infusions of Tyrosine Hydroxylase Antisense Oligodeoxynucleotide into Substantia Nigra of the Rat: Effects on Tyrosine Hydroxylase mRNA and Protein Content, Striatal Dopamine Release and Behaviour. European Journal of Neuroscience, 1997, 9, 210-220.	1.2	8
80	Promnestic effects of intranasally applied pregnenolone in rats. Neurobiology of Learning and Memory, 2016, 133, 185-195.	1.0	8
81	The activation of D2-like receptors by intranasal dopamine facilitates the extinction of contextual fear and prevents conditioned fear-induced antinociception. Behavioural Brain Research, 2022, 417, 113611.	1.2	8
82	Intranasal dopamine attenuates fear responses induced by electric shock to the foot and by electrical stimulation of the dorsal periaqueductal gray matter. Journal of Psychopharmacology, 2019, 33, 1524-1532.	2.0	7
83	Neutral ceramidase is a marker for cognitive performance in rats and monkeys. Pharmacological Reports, 2021, 73, 73-84.	1.5	7
84	Rats bred for helplessness exhibit positive reinforcement learning deficits which are not alleviated by an antidepressant dose of the MAO-B inhibitor deprenyl. Neuroscience, 2016, 329, 83-92.	1.1	6
85	Acute intranasal dopamine application counteracts the reversal learning deficit of spontaneously hypertensive rats in an attentional set-shifting task. Psychopharmacology, 2021, 238, 2419-2428.	1.5	4
86	Object recognition in the mouse. , 2013, , 331-337.		1
87	The Hippocampal-Cortical Networks Subserving Episodic Memory and Its Component Memory Systems for Object, Place and Temporal Order. Handbook of Behavioral Neuroscience, 2018, , 205-215.	0.7	1
88	Intranasal pregnenolone increases acetylcholine in frontal cortex, hippocampus, and amygdalaâ€"Preferentially in the hemisphere ipsilateral to the injected nostril. Journal of Neurochemistry, 2020, 153, 189-202.	2.1	1