

Michael J Brownstein

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

64
papers

14,603
citations

42
h-index

66
g-index

66
ext. papers

15,307
ext. citations

16.5
avg, IF

5.54
L-index

#	Paper	IF	Citations
64	Structure of a cannabinoid receptor and functional expression of the cloned cDNA. <i>Nature</i> , 1990 , 346, 561-4	50.4	3994
63	The ubiquitin pathway in Parkinson's disease. <i>Nature</i> , 1998 , 395, 451-2	50.4	1371
62	Modulation of non-templated nucleotide addition by Taq DNA polymerase: primer modifications that facilitate genotyping. <i>BioTechniques</i> , 1996 , 20, 1004-6, 1008-10	2.5	1044
61	Clustering and conservation patterns of human microRNAs. <i>Nucleic Acids Research</i> , 2005 , 33, 2697-706	20.1	627
60	Structure and expression of a human oxytocin receptor. <i>Nature</i> , 1992 , 356, 526-9	50.4	535
59	Tissue-specific expression of a splicing mutation in the IKBKAP gene causes familial dysautonomia. <i>American Journal of Human Genetics</i> , 2001 , 68, 598-605	11	477
58	The distribution of cholecystokinin immunoreactivity in the central nervous system of the rat as determined by radioimmunoassay. <i>Brain Research</i> , 1981 , 212, 51-7	3.7	477
57	Cloning and characterization of a vasopressin V2 receptor and possible link to nephrogenic diabetes insipidus. <i>Nature</i> , 1992 , 357, 336-9	50.4	462
56	Molecular cloning and expression of a rat V1a arginine vasopressin receptor. <i>Nature</i> , 1992 , 356, 523-6	50.4	437
55	Pain responses, anxiety and aggression in mice deficient in pre-proenkephalin. <i>Nature</i> , 1996 , 383, 535-8	50.4	436
54	Regional distribution of substance P in the brain of the rat. <i>Brain Research</i> , 1976 , 116, 299-305	3.7	408
53	On the origin of substance P and glutamic acid decarboxylase (GAD) in the substantia nigra. <i>Brain Research</i> , 1977 , 135, 315-23	3.7	296
52	Localisation of phenylethanolamine N-methyl transferase in the rat brain nuclei. <i>Nature</i> , 1974 , 248, 695-6	50.4	270
51	Serotonin distribution in the nuclei of the rat hypothalamus and preoptic region. <i>Brain Research</i> , 1974 , 77, 157-65	3.7	251
50	A role for ASIC3 in the modulation of high-intensity pain stimuli. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 8992-7	11.5	241
49	Distribution of glutamate decarboxylase in discrete brain nuclei. <i>Brain Research</i> , 1976 , 108, 371-9	3.7	198
48	Glutamate decarboxylase (GAD) and gamma-aminobutyric acid (GABA) in discrete nuclei of hypothalamus and substantia nigra. <i>Brain Research</i> , 1977 , 125, 109-21	3.7	196

47	Identification of clustered microRNAs using an ab initio prediction method. <i>BMC Bioinformatics</i> , 2005 , 6, 267	3.6	193
46	A dynorphinergic pathway of Leu-enkephalin production in rat substantia nigra. <i>Nature</i> , 1984 , 307, 643-50.4	50.4	184
45	Differentiation of human bone marrow-derived cells into buccal epithelial cells in vivo: a molecular analytical study. <i>Lancet, The</i> , 2003 , 361, 1084-8	40	148
44	A carboxypeptidase processing enzyme for enkephalin precursors. <i>Nature</i> , 1982 , 295, 341-2	50.4	141
43	Cholecystinin octapeptide in the rat hypothalamo-neurohypophysial system. <i>Nature</i> , 1980 , 288, 376-850.4	50.4	136
42	A frequent ala 4 to val superoxide dismutase-1 mutation is associated with a rapidly progressive familial amyotrophic lateral sclerosis. <i>Human Molecular Genetics</i> , 1994 , 3, 981-7	5.6	132
41	Use of a cDNA clone to identify a supposed precursor protein containing valosin. <i>Nature</i> , 1987 , 325, 542-50.4	50.4	124
40	Effect of surgical isolation of the hypothalamus on its neurotransmitter content. <i>Brain Research</i> , 1976 , 117, 287-95	3.7	116
39	Mutations in SOD1 associated with amyotrophic lateral sclerosis cause novel protein interactions. <i>Nature Genetics</i> , 1997 , 15, 91-4	36.3	113
38	Evidence for substance P in the habenulo-interpeduncular tract. <i>Brain Research</i> , 1976 , 113, 597-9	3.7	112
37	Evidence for substance P in the striato-nigral tract. <i>Brain Research</i> , 1977 , 125, 305-11	3.7	111
36	Distribution of immunoreactive dynorphin in the central nervous system of the rat. <i>Brain Research</i> , 1983 , 280, 81-93	3.7	104
35	Histamine content of hypothalamic nuclei of the rat. <i>Brain Research</i> , 1974 , 77, 151-6	3.7	99
34	Origin of glutamate-decarboxylase (GAD)-containing cells in discrete hypothalamic nuclei. <i>Brain Research</i> , 1977 , 132, 95-106	3.7	89
33	Cloning and expression of a novel rat GABAA receptor. <i>FEBS Letters</i> , 1989 , 246, 145-8	3.8	88
32	Amine-modified random primers to label probes for DNA microarrays. <i>Nature Biotechnology</i> , 2002 , 20, 738-742	44.5	78
31	Biogenic amines and related enzymes in the circumventricular organs of the rat. <i>Brain Research</i> , 1976 , 107, 412-7	3.7	62
30	Molecular biology of vasopressin receptors. <i>Annals of the New York Academy of Sciences</i> , 1995 , 771, 273-82	60	60

29	Azetidinones as vasopressin V1a antagonists. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 2054-80	3.4	58
28	Distribution of catechol-O-methyltransferase, histamine N-methyltransferase and monoamine oxidase in specific areas of the rat brain. <i>Brain Research</i> , 1976 , 118, 152-6	3.7	58
27	Brief report: a mutation in the vasopressin V2-receptor gene in a kindred with X-linked nephrogenic diabetes insipidus. <i>New England Journal of Medicine</i> , 1993 , 328, 1538-41	59.2	57
26	The development of a highly informative mouse Simple Sequence Length Polymorphism (SSLP) marker set and construction of a mouse family tree using parsimony analysis. <i>Genome Research</i> , 2003 , 13, 485-91	9.7	56
25	Molecular cloning and functional characterization of a vasotocin receptor subtype that is expressed in the shell gland and brain of the domestic chicken. <i>Biology of Reproduction</i> , 2000 , 62, 8-15	3.9	54
24	Regional distribution of substance P-like immunoreactivity in the lower brainstem of the rat. <i>Brain Research</i> , 1982 , 245, 376-8	3.7	51
23	On the origin of the serotonergic input to the intermediate lobe of the rat pituitary. <i>Brain Research</i> , 1984 , 294, 231-7	3.7	48
22	Analysis of primary visual cortex in dementia with Lewy bodies indicates GABAergic involvement associated with recurrent complex visual hallucinations. <i>Acta Neuropathologica Communications</i> , 2016 , 4, 66	7.3	42
21	Multiple chemical messengers in hypothalamic magnocellular neurons. <i>Progress in Brain Research</i> , 1986 , 68, 161-8	2.9	40
20	Deafferentation studies on the glutamic acid decarboxylase content of the supraoptic nucleus of the rat. <i>Brain Research</i> , 1980 , 200, 165-8	3.7	38
19	On the origin of dynorphin A and alpha-neo-endorphin in the substantia nigra. <i>Neuropeptides</i> , 1984 , 4, 193-9	3.3	34
18	Cholecystokinin in the hypothalamo-hypophyseal system. <i>Brain Research</i> , 1984 , 299, 186-9	3.7	29
17	Molecular cloning and expression of rat V1a and V2 arginine vasopressin receptors. <i>Regulatory Peptides</i> , 1993 , 45, 53-9		28
16	Onset of neurophysin self-association upon neurophysin/neuropeptide hormone precursor biosynthesis. <i>FEBS Letters</i> , 1983 , 164, 361-5	3.8	26
15	Of splice and men: what does the distribution of IKAP mRNA in the rat tell us about the pathogenesis of familial dysautonomia?. <i>Brain Research</i> , 2003 , 983, 209-14	3.7	24
14	Opioid and cannabinoid receptors. <i>Current Opinion in Neurobiology</i> , 1994 , 4, 406-12	7.6	22
13	Corpus callosum lesions increase cholecystokinin concentrations in cortical areas with homeotopic connections. <i>Brain Research</i> , 1982 , 240, 151-3	3.7	18
12	Biologically Active Peptides in the Mammalian Central Nervous System 1977 , 145-170		18

11	Molecular cloning of a novel candidate G protein-coupled receptor from rat brain. <i>FEBS Letters</i> , 1994 , 351, 375-9	3.8	17
10	Descending substance P-containing pathway: a component of the ansa lenticularis. <i>Brain Research</i> , 1978 , 156, 124-8	3.7	16
9	Locus Coeruleus. <i>Advances in Cellular Neurobiology</i> , 1983 , 4, 81-103		11
8	Cholecystokinin peptides in the brain and pituitary of the bullfrog <i>Rana catesbeiana</i> : distribution and characterization. <i>Brain Research</i> , 1983 , 268, 192-6	3.7	10
7	Distribution of immunoreactive metorphamide (adrenorphin) in discrete regions of the rat brain: comparison with Met-enkephalin-Arg6-Gly7-Leu8. <i>Brain Research</i> , 1985 , 361, 193-9	3.7	8
6	Isolation and characterization of the human homeobox gene HOX D1. <i>Molecular Biology Reports</i> , 2000 , 27, 195-201	2.8	3
5	Studies of the distribution of biologically active peptides in the brain. <i>Advances in Experimental Medicine and Biology</i> , 1977 , 87, 41-8	3.6	3
4	Do circulating cells transdifferentiate and replenish stem cell pools in the brain and periphery?. <i>BioEssays</i> , 2015 , 37, 398-402	4.1	1
3	BIOCHEMICAL ANATOMY OF THE EXTRAPYRAMIDAL SYSTEM 1979 , 33-43		1
2	Response : The Sympathochromaffin System and the Pituitary-Adrenocortical Response to Hypoglycemia. <i>Science</i> , 1986 , 231, 502-502	33.3	
1	Response : The Sympathochromaffin System and the Pituitary-Adrenocortical Response to Hypoglycemia. <i>Science</i> , 1986 , 231, 502-502	33.3	