

Solomon H Snyder

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5659105/publications.pdf>

Version: 2024-02-01

585
papers

88,344
citations

151

156
h-index

428

275
g-index

604
all docs

604
docs citations

604
times ranked

48253
citing authors

#	ARTICLE	IF	CITATIONS
1	Localization of nitric oxide synthase indicating a neural role for nitric oxide. <i>Nature</i> , 1990, 347, 768-770.	13.7	2,959
2	Cloned and expressed nitric oxide synthase structurally resembles cytochrome P-450 reductase. <i>Nature</i> , 1991, 351, 714-718.	13.7	2,413
3	H ₂ S as a Physiologic Vasorelaxant: Hypertension in Mice with Deletion of Cystathionine β -Lyase. <i>Science</i> , 2008, 322, 587-590.	6.0	2,104
4	Nitric oxide, a novel neuronal messenger. <i>Neuron</i> , 1992, 8, 3-11.	3.8	1,837
5	Nitric oxide synthase protein and mRNA are discretely localized in neuronal populations of the mammalian CNS together with NADPH diaphorase. <i>Neuron</i> , 1991, 7, 615-624.	3.8	1,390
6	RAFT1: A mammalian protein that binds to FKBP12 in a rapamycin-dependent fashion and is homologous to yeast TORs. <i>Cell</i> , 1994, 78, 35-43.	13.5	1,355
7	Targeted disruption of the neuronal nitric oxide synthase gene. <i>Cell</i> , 1993, 75, 1273-1286.	13.5	1,323
8	Protein S-nitrosylation: a physiological signal for neuronal nitric oxide. <i>Nature Cell Biology</i> , 2001, 3, 193-197.	4.6	1,321
9	H ₂ S Signals Through Protein S-Sulfhydration. <i>Science Signaling</i> , 2009, 2, ra72.	1.6	1,050
10	Poly(ADP-ribose) polymerase gene disruption renders mice resistant to cerebral ischemia. <i>Nature Medicine</i> , 1997, 3, 1089-1095.	15.2	1,002
11	Biliverdin reductase: A major physiologic cytoprotectant. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 16093-16098.	3.3	979
12	S-nitrosylated GAPDH initiates apoptotic cell death by nuclear translocation following Siah1 binding. <i>Nature Cell Biology</i> , 2005, 7, 665-674.	4.6	951
13	A novel neuronal messenger molecule in brain: The free radical, nitric oxide. <i>Annals of Neurology</i> , 1992, 32, 297-311.	2.8	837
14	Regional Distribution of Opiate Receptor Binding in Monkey and Human Brain. <i>Nature</i> , 1973, 245, 447-450.	13.7	808
15	Nitric oxide, a novel biologic messenger. <i>Cell</i> , 1992, 70, 705-707.	13.5	780
16	H ₂ S signalling through protein sulfhydration and beyond. <i>Nature Reviews Molecular Cell Biology</i> , 2012, 13, 499-507.	16.1	716
17	Properties of γ -aminobutyric acid (GABA) receptor binding in rat brain synaptic membrane fractions. <i>Brain Research</i> , 1975, 100, 81-97.	1.1	646
18	Hydrogen Sulfide-Linked Sulfhydration of NF- κ B Mediates Its Antiapoptotic Actions. <i>Molecular Cell</i> , 2012, 45, 13-24.	4.5	626

#	ARTICLE	IF	CITATIONS
19	Opiate receptor binding in primate spinal cord: distribution and changes after dorsal root section. <i>Brain Research</i> , 1976, 112, 407-412.	1.1	625
20	NOVELNEURALMODULATORS. <i>Annual Review of Neuroscience</i> , 2003, 26, 105-131.	5.0	623
21	Behavioural abnormalities in male mice lacking neuronal nitric oxide synthase. <i>Nature</i> , 1995, 378, 383-386.	13.7	606
22	Nitric oxide as a neuronal messenger. <i>Trends in Pharmacological Sciences</i> , 1991, 12, 125-128.	4.0	589
23	A huntingtin-associated protein enriched in brain with implications for pathology. <i>Nature</i> , 1995, 378, 398-402.	13.7	578
24	Cytochrome c binds to inositol (1,4,5) trisphosphate receptors, amplifying calcium-dependent apoptosis. <i>Nature Cell Biology</i> , 2003, 5, 1051-1061.	4.6	573
25	Amphetamine Psychosis: A "Model" Schizophrenia Mediated by Catecholamines. <i>American Journal of Psychiatry</i> , 1973, 130, 61-67.	4.0	554
26	Schizophrenia: Diverse Approaches to a Complex Disease. <i>Science</i> , 2002, 296, 692-695.	6.0	549
27	A sensitive and specific fluorescence assay for tissue serotonin. <i>Biochemical Pharmacology</i> , 1965, 14, 831-835.	2.0	535
28	Hydrogen Sulfide as Endothelium-Derived Hyperpolarizing Factor Sulfhydrates Potassium Channels. <i>Circulation Research</i> , 2011, 109, 1259-1268.	2.0	531
29	Purified inositol 1,4,5-trisphosphate receptor mediates calcium flux in reconstituted lipid vesicles. <i>Nature</i> , 1989, 342, 87-89.	13.7	521
30	Increased apoptosis of Huntington disease lymphoblasts associated with repeat length-dependent mitochondrial depolarization. <i>Nature Medicine</i> , 1999, 5, 1194-1198.	15.2	516
31	Dimethyl fumarate targets GAPDH and aerobic glycolysis to modulate immunity. <i>Science</i> , 2018, 360, 449-453.	6.0	489
32	Widespread expression of Huntington's disease gene (IT15) protein product. <i>Neuron</i> , 1995, 14, 1065-1074.	3.8	485
33	Calcineurin associated with the inositol 1,4,5-trisphosphate receptor-FKBP12 complex modulates Ca ²⁺ flux. <i>Cell</i> , 1995, 83, 463-472.	13.5	485
34	Haem oxygenase-1 prevents cell death by regulating cellular iron. <i>Nature Cell Biology</i> , 1999, 1, 152-157.	4.6	484
35	High affinity uptake systems for glycine, glutamic and aspartic acids in synaptosomes of rat central nervous tissues. <i>Brain Research</i> , 1972, 42, 413-431.	1.1	470
36	Inducible Nitric Oxide Synthase Binds, S-Nitrosylates, and Activates Cyclooxygenase-2. <i>Science</i> , 2005, 310, 1966-1970.	6.0	464

#	ARTICLE	IF	CITATIONS
37	Inositol 1,4,5-trisphosphate receptor localized to endoplasmic reticulum in cerebellar Purkinje neurons. <i>Nature</i> , 1989, 339, 468-470.	13.7	447
38	p53 Mediates Cellular Dysfunction and Behavioral Abnormalities in Huntington's Disease. <i>Neuron</i> , 2005, 47, 29-41.	3.8	437
39	Hydrogen sulfide as a gasotransmitter. <i>Journal of Neurochemistry</i> , 2010, 113, 14-26.	2.1	422
40	Inositol 1,4,5-Trisphosphate Receptors as Signal Integrators. <i>Annual Review of Biochemistry</i> , 2004, 73, 437-465.	5.0	419
41	Dopamine receptors localised on cerebral cortical afferents to rat corpus striatum. <i>Nature</i> , 1978, 271, 766-768.	13.7	404
42	Bilirubin and glutathione have complementary antioxidant and cytoprotective roles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5171-5176.	3.3	403
43	Immunohistochemical mapping of enkephalin containing cell bodies, fibers and nerve terminals in the brain stem of the rat. <i>Brain Research</i> , 1979, 166, 75-94.	1.1	387
44	d-Serine as a Neuromodulator: Regional and Developmental Localizations in Rat Brain Glia Resemble NMDA Receptors. <i>Journal of Neuroscience</i> , 1997, 17, 1604-1615.	1.7	386
45	Signaling by Gasotransmitters. <i>Science Signaling</i> , 2009, 2, re2.	1.6	381
46	An endogenous morphine-like factor in mammalian brain. <i>Life Sciences</i> , 1975, 16, 1765-1769.	2.0	375
47	Synthesis of diphosphoinositol pentakisphosphate by a newly identified family of higher inositol polyphosphate kinases. <i>Current Biology</i> , 1999, 9, 1323-1326.	1.8	375
48	Possible Origins and Distribution of Immunoreactive Nitric Oxide Synthase-Containing Nerve Fibers in Cerebral Arteries. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1993, 13, 70-79.	2.4	370
49	Disrupted-in-Schizophrenia-1 (DISC-1): Mutant truncation prevents binding to NudE-like (NUDEL) and inhibits neurite outgrowth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 289-294.	3.3	367
50	Autoradiographic localization of the opiate receptor in rat brain. <i>Life Sciences</i> , 1975, 16, 1849-1853.	2.0	366
51	GAPDH mediates nitrosylation of nuclear proteins. <i>Nature Cell Biology</i> , 2010, 12, 1094-1100.	4.6	364
52	Nitric oxide synthase: Irreversible inhibition by L-NG-Nitroarginine in brain in vitro and in vivo. <i>Biochemical and Biophysical Research Communications</i> , 1991, 176, 1136-1141.	1.0	360
53	Antipsychotic drug-induced weight gain mediated by histamine H1 receptor-linked activation of hypothalamic AMP-kinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 3456-3459.	3.3	360
54	Nitric oxide-induced nuclear GAPDH activates p300/CBP and mediates apoptosis. <i>Nature Cell Biology</i> , 2008, 10, 866-873.	4.6	353

#	ARTICLE	IF	CITATIONS
55	Glutamic acid: Selective depletion by viral induced granule cell loss in hamster cerebellum. Brain Research, 1974, 73, 1-13.	1.1	347
56	Neurotrophic actions of nonimmunosuppressive analogues of immunosuppressive drugs FK506, rapamycin and cyclosporin A. Nature Medicine, 1997, 3, 421-428.	15.2	346
57	Neuronal Nitric Oxide Synthase Activation and Peroxynitrite Formation in Ischemic Stroke Linked to Neural Damage. Journal of Neuroscience, 1999, 19, 5910-5918.	1.7	346
58	H ₂ S mediates O ₂ sensing in the carotid body. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10719-10724.	3.3	344
59	CAPON: A Protein Associated with Neuronal Nitric Oxide Synthase that Regulates Its Interactions with PSD95. Neuron, 1998, 20, 115-124.	3.8	343
60	Transient nitric oxide synthase neurons in embryonic cerebral cortical plate, sensory ganglia, and olfactory epithelium. Neuron, 1994, 13, 301-313.	3.8	340
61	High brain densities of the immunophilin FKBP colocalized with calcineurin. Nature, 1992, 358, 584-587.	13.7	338
62	Cystathionine β -lyase deficiency mediates neurodegeneration in Huntington's disease. Nature, 2014, 509, 96-100.	13.7	336
63	Akt-dependent phosphorylation of endothelial nitric-oxide synthase mediates penile erection. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 4061-4066.	3.3	335
64	Inositol Pyrophosphates Inhibit Akt Signaling, Thereby Regulating Insulin Sensitivity and Weight Gain. Cell, 2010, 143, 897-910.	13.5	328
65	Nitric Oxide: A Neural Messenger. Annual Review of Cell and Developmental Biology, 1995, 11, 417-440.	4.0	327
66	Positron emission tomographic imaging of the dopamine transporter with ¹¹ C-WIN 35,428 reveals marked declines in mild Parkinson's disease. Annals of Neurology, 1993, 34, 423-431.	2.8	321
67	Rhes, a Striatal Specific Protein, Mediates Mutant-Huntingtin Cytotoxicity. Science, 2009, 324, 1327-1330.	6.0	302
68	Unique High Affinity Uptake Systems for Glycine, Glutamic and Aspartic Acids in Central Nervous Tissue of the Rat. Nature, 1971, 234, 297-299.	13.7	298
69	Dexas1. Neuron, 2000, 28, 183-193.	3.8	297
70	Distinct α -noradrenergic receptors differentiated by binding and physiological relationships. Life Sciences, 1979, 24, 79-88.	2.0	296
71	Alpha-noradrenergic receptor binding in mammalian brain: Differential labeling of agonist and antagonist states. Life Sciences, 1976, 19, 69-76.	2.0	291
72	Phosphorylation of Proteins by Inositol Pyrophosphates. Science, 2004, 306, 2101-2105.	6.0	286

#	ARTICLE	IF	CITATIONS
73	Neurotensin-containing cell bodies, fibers and nerve terminals in the brain stem of the rat: Immunohistochemical mapping. <i>Brain Research</i> , 1979, 167, 77-91.	1.1	282
74	Atypical neural messengers. <i>Trends in Neurosciences</i> , 2001, 24, 99-106.	4.2	275
75	The regional distribution of a morphine-like factor enkephalin in monkey brain. <i>Brain Research</i> , 1976, 106, 189-197.	1.1	274
76	Mutant Huntingtin Disrupts the Nuclear Pore Complex. <i>Neuron</i> , 2017, 94, 93-107.e6.	3.8	274
77	H ₂ S: A Novel Gasotransmitter that Signals by Sulfhydration. <i>Trends in Biochemical Sciences</i> , 2015, 40, 687-700.	3.7	267
78	Novel Neurotransmitters and Their Neuropsychiatric Relevance. <i>American Journal of Psychiatry</i> , 2000, 157, 1738-1751.	4.0	265
79	Sulfhydration mediates neuroprotective actions of parkin. <i>Nature Communications</i> , 2013, 4, 1626.	5.8	265
80	Binding of the Inward Rectifier K ⁺ Channel Kir 2.3 to PSD-95 Is Regulated by Protein Kinase A Phosphorylation. <i>Neuron</i> , 1996, 17, 759-767.	3.8	264
81	PI3 kinase enhancer ⁺ Homer complex couples mGluRI to PI3 kinase, preventing neuronal apoptosis. <i>Nature Neuroscience</i> , 2003, 6, 1153-1161.	7.1	262
82	Monoclonal antibody production by receptor-mediated electrically induced cell fusion. <i>Nature</i> , 1984, 310, 792-794.	13.7	261
83	Inositol trisphosphate receptor localization in brain: variable stoichiometry with protein kinase C. <i>Nature</i> , 1987, 325, 159-161.	13.7	259
84	Mu-opiate receptors measured by positron emission tomography are increased in temporal lobe epilepsy. <i>Annals of Neurology</i> , 1988, 23, 231-237.	2.8	253
85	Diurnal variation in mRNA encoding serotonin N-acetyltransferase in pineal gland. <i>Nature</i> , 1995, 378, 783-785.	13.7	253
86	D-serine and serine racemase are present in the vertebrate retina and contribute to the physiological activation of NMDA receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6789-6794.	3.3	250
87	Poly(ADP-ribose) polymerase-1 dependence of stress-induced transcription factors and associated gene expression in glia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 3270-3275.	3.3	249
88	A simple and sensitive radioreceptor assay for antischizophrenic drugs in blood. <i>Nature</i> , 1977, 270, 180-182.	13.7	248
89	NMDA Receptor-Nitric Oxide Transmission Mediates Neuronal Iron Homeostasis via the GTPase Dexas1. <i>Neuron</i> , 2006, 51, 431-440.	3.8	240
90	Muscarinic cholinergic receptor binding: regional distribution in monkey brain. <i>Brain Research</i> , 1974, 66, 541-546.	1.1	238

#	ARTICLE	IF	CITATIONS
91	Opiate Receptors and Internal Opiates. Scientific American, 1977, 236, 44-57.	1.0	238
92	Imaging Opiate Receptors in the Human Brain by Positron Tomography. Journal of Computer Assisted Tomography, 1985, 9, 231-236.	0.5	237
93	Selective Persulfide Detection Reveals Evolutionarily Conserved Antiaging Effects of S-Sulfhydration. Cell Metabolism, 2019, 30, 1152-1170.e13.	7.2	236
94	Differential effects of D- and L-amphetamine on behavior and on catecholamine disposition in dopamine and norepinephrine containing neurons of rat brain. Brain Research, 1971, 28, 295-309.	1.1	232
95	Akt as a mediator of cell death. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 11712-11717.	3.3	232
96	Regional and subcellular distributions of brain neurotensin. Life Sciences, 1976, 19, 1827-1832.	2.0	231
97	Aminergic systems in Alzheimer's disease and Parkinson's disease. Annals of Neurology, 1987, 22, 229-236.	2.8	230
98	Hypoxic regulation of the cerebral microcirculation is mediated by a carbon monoxide-sensitive hydrogen sulfide pathway. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1293-1298.	3.3	230
99	Multiple Neurotransmitter Receptors. Journal of Neurochemistry, 1980, 35, 5-15.	2.1	227
100	Nitric oxide and carbon monoxide: parallel roles as neural messengers ¹ Published on the World Wide Web on 21 October 1997.1. Brain Research Reviews, 1998, 26, 167-175.	9.1	224
101	Insulin restores neuronal nitric oxide synthase expression and function that is lost in diabetic gastropathy. Journal of Clinical Investigation, 2000, 106, 373-384.	3.9	224
102	Encephalopsin: A Novel Mammalian Extraretinal Opsin Discretely Localized in the Brain. Journal of Neuroscience, 1999, 19, 3681-3690.	1.7	222
103	Neuroprotection by pharmacologic blockade of the GAPDH death cascade. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 3887-3889.	3.3	222
104	Thyrotropin releasing hormone (TRH): Apparent receptor binding in rat brain membranes. Brain Research, 1975, 93, 309-328.	1.1	220
105	Identification of novel high affinity opiate receptor binding in rat brain. Nature, 1975, 253, 563-565.	13.7	219
106	HETEROGENEITY OF HISTAMINE H ₁ -RECEPTORS: SPECIES VARIATIONS IN [3H]MEPYRAMINE BINDING OF BRAIN MEMBRANES. Journal of Neurochemistry, 1979, 32, 1653-1663.	2.1	218
107	Palonosetron Exhibits Unique Molecular Interactions with the 5-HT ₃ Receptor. Anesthesia and Analgesia, 2008, 107, 469-478.	1.1	215
108	A Nitric Oxide Signaling Pathway Controls CREB-Mediated Gene Expression in Neurons. Molecular Cell, 2006, 21, 283-294.	4.5	211

#	ARTICLE	IF	CITATIONS
109	Opiate receptor binding in the pituitary gland. <i>Brain Research</i> , 1977, 124, 178-184.	1.1	210
110	Cell Signaling and Neuronal Death. <i>Annual Review of Pharmacology and Toxicology</i> , 2007, 47, 117-141.	4.2	206
111	Phencyclidine. <i>Nature</i> , 1980, 285, 355-356.	13.7	205
112	Regulators of the transsulfuration pathway. <i>British Journal of Pharmacology</i> , 2019, 176, 583-593.	2.7	205
113	Cain, A Novel Physiologic Protein Inhibitor of Calcineurin. <i>Journal of Biological Chemistry</i> , 1998, 273, 18325-18331.	1.6	204
114	Opiate Receptors in the Brain. <i>New England Journal of Medicine</i> , 1977, 296, 266-271.	13.9	203
115	Neurotensin, a central nervous system peptide: apparent receptor binding in brain membranes. <i>Brain Research</i> , 1977, 130, 299-313.	1.1	203
116	Differential Regulation by Guanine Nucleotides of Opiate Agonist and Antagonist Receptor Interactions. <i>Journal of Neurochemistry</i> , 1980, 34, 583-593.	2.1	203
117	Messenger molecules in the cerebellum. <i>Trends in Neurosciences</i> , 1990, 13, 216-222.	4.2	202
118	Serine racemase: Activation by glutamate neurotransmission via glutamate receptor interacting protein and mediation of neuronal migration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 2105-2110.	3.3	200
119	Nitric oxide synthase-like immunoreactivity in lumbar dorsal root ganglia and spinal cord of rat and monkey and effect of peripheral axotomy. <i>Journal of Comparative Neurology</i> , 1993, 335, 563-575.	0.9	199
120	Poly(ADP-ribose) Polymerase-1 in the Nervous System. <i>Neurobiology of Disease</i> , 2000, 7, 225-239.	2.1	199
121	Cysteine Metabolism in Neuronal Redox Homeostasis. <i>Trends in Pharmacological Sciences</i> , 2018, 39, 513-524.	4.0	198
122	FKBP12 Binds the Inositol 1,4,5-Trisphosphate Receptor at Leucine-Proline (1400â€“1401) and Anchors Calcineurin to this FK506-like Domain. <i>Journal of Biological Chemistry</i> , 1997, 272, 27582-27588.	1.6	197
123	Cloning and expression of an adenylyl cyclase localized to the corpus striatum. <i>Nature</i> , 1993, 361, 536-538.	13.7	192
124	D-amino acids as putative neurotransmitters: focus on D-serine. , 2000, 25, 553-560.		191
125	The Role of Brain Dopamine in Behavioral Regulation and the Actions of Psychotropic Drugs. <i>American Journal of Psychiatry</i> , 1970, 127, 199-207.	4.0	190
126	Protein pyrophosphorylation by inositol pyrophosphates is a posttranslational event. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 15305-15310.	3.3	189

#	ARTICLE	IF	CITATIONS
127	Inositol Pyrophosphates Mediate Chemotaxis in Dictyostelium via Pleckstrin Homology Domain-PtdIns(3,4,5)P ₃ Interactions. <i>Cell</i> , 2003, 114, 559-572.	13.5	188
128	Historical review: Opioid receptors. <i>Trends in Pharmacological Sciences</i> , 2003, 24, 198-205.	4.0	188
129	Ultrastructural localization of nitric oxide synthase immunoreactivity in guinea-pig enteric neurons. <i>Brain Research</i> , 1992, 577, 337-342.	1.1	185
130	The three-dimensional structure of bovine odorant binding protein and its mechanism of odor recognition. <i>Nature Structural Biology</i> , 1996, 3, 934-939.	9.7	185
131	Two distinct enkephalinases: Solubilization, partial purification and separation from angiotensin converting enzyme. <i>Life Sciences</i> , 1979, 25, 2065-2070.	2.0	184
132	Differential cellular expression of isoforms of inositol 1,4,5-triphosphate receptors in neurons and glia in brain. <i>Journal of Comparative Neurology</i> , 1999, 406, 207-220.	0.9	184
133	Hydrogen sulfide: a gasotransmitter of clinical relevance. <i>Journal of Molecular Medicine</i> , 2012, 90, 255-263.	1.7	184
134	Phylogenetic distribution of opiate receptor binding. <i>Brain Research</i> , 1974, 75, 356-361.	1.1	182
135	Two distinct serotonin receptors: regional variations in receptor binding in mammalian brain. <i>Brain Research</i> , 1981, 208, 339-347.	1.1	182
136	Calcium-Antagonist Drugs. <i>New England Journal of Medicine</i> , 1985, 313, 995-1002.	13.9	180
137	Immunophilins and nervous system. <i>Nature Medicine</i> , 1995, 1, 32-37.	15.2	180
138	Localization of Nitric Oxide Synthase in the Reproductive Organs of the Male Rat ¹ . <i>Biology of Reproduction</i> , 1995, 52, 1-7.	1.2	180
139	Postsynaptic localization of muscarinic cholinergic receptor binding in rat hippocampus. <i>Brain Research</i> , 1974, 78, 320-326.	1.1	178
140	Opiate receptor in normal and drug altered brain function*. <i>Nature</i> , 1975, 257, 185-189.	13.7	177
141	Huntington's Chorea. <i>New England Journal of Medicine</i> , 1976, 294, 1305-1309.	13.9	177
142	Relative sparing of nitric oxide synthase-containing neurons in the hippocampal formation in Alzheimer's disease. <i>Annals of Neurology</i> , 1992, 32, 818-820.	2.8	177
143	Phospholipase C- β Is Required for Agonist-Induced Ca ²⁺ Entry. <i>Cell</i> , 2002, 111, 529-541.	13.5	175
144	Phospholipase C β 1 controls surface expression of TRPC3 through an intermolecular PH domain. <i>Nature</i> , 2005, 434, 99-104.	13.7	175

#	ARTICLE	IF	CITATIONS
145	Gasotransmitter hydrogen sulfide signaling in neuronal health and disease. <i>Biochemical Pharmacology</i> , 2018, 149, 101-109.	2.0	175
146	Immunophilins in the Nervous System. <i>Neuron</i> , 1998, 21, 283-294.	3.8	174
147	A simple, sensitive, and specific radioreceptor assay for inositol 1,4,5-trisphosphate in biological tissues. <i>Biochemical and Biophysical Research Communications</i> , 1989, 159, 976-982.	1.0	173
148	Stereospecific binding of d-lysergic acid diethylamide (LSD) to brain membranes: Relationship to serotonin receptors. <i>Brain Research</i> , 1975, 94, 523-544.	1.1	172
149	Interaction of RAFT1 with Gephyrin Required for Rapamycin-Sensitive Signaling. <i>Science</i> , 1999, 284, 1161-1164.	6.0	172
150	Amyloid Precursor Proteins Inhibit Heme Oxygenase Activity and Augment Neurotoxicity in Alzheimer's Disease. <i>Neuron</i> , 2000, 28, 461-473.	3.8	168
151	The Inositol Hexakisphosphate Kinase Family. <i>Journal of Biological Chemistry</i> , 2000, 275, 24686-24692.	1.6	167
152	S-Nitrosylation of N-Ethylmaleimide Sensitive Factor Mediates Surface Expression of AMPA Receptors. <i>Neuron</i> , 2005, 46, 533-540.	3.8	165
153	Stereospecificity and structure-activity requirements of GABA receptor binding in rat brain. <i>Brain Research</i> , 1977, 124, 185-190.	1.1	164
154	Opportunities for the repurposing of PARP inhibitors for the therapy of non-oncological diseases. <i>British Journal of Pharmacology</i> , 2018, 175, 192-222.	2.7	160
155	The dopamine receptor: Differential binding of d-LSD and related agents to agonist and antagonist states. <i>Life Sciences</i> , 1975, 17, 1715-1719.	2.0	159
156	In vivo identification of muscarinic cholinergic receptor binding in rat brain. <i>Brain Research</i> , 1974, 80, 170-176.	1.1	158
157	Potassium-induced release of amino acids from cerebral cortex and spinal cord slices of the rat. <i>Brain Research</i> , 1974, 76, 297-308.	1.1	157
158	Isolation and structure identification of a morphine-like peptide α -enkephalin in bovine brain. <i>Life Sciences</i> , 1976, 18, 781-788.	2.0	157
159	The peripheral γ -type benzodiazepine receptor: a protein of mitochondrial outer membranes utilizing porphyrins as endogenous ligands. <i>FASEB Journal</i> , 1987, 1, 282-288.	0.2	157
160	Inositol pyrophosphates regulate endocytic trafficking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 14206-14211.	3.3	157
161	Inositol 1,4,5-trisphosphate receptor is phosphorylated by cyclic AMP-dependent protein kinase at serines 1755 and 1589. <i>Biochemical and Biophysical Research Communications</i> , 1991, 175, 192-198.	1.0	155
162	Post-treatment with an inhibitor of poly(ADP-ribose) polymerase attenuates cerebral damage in focal ischemia. <i>Brain Research</i> , 1999, 829, 46-54.	1.1	155

#	ARTICLE	IF	CITATIONS
163	Inositol pyrophosphates regulate cell death and telomere length through phosphoinositide 3-kinase-related protein kinases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1911-1914.	3.3	154
164	Enkephalin-containing pathway: amygdaloid efferents in the stria terminalis. <i>Brain Research</i> , 1978, 149, 223-228.	1.1	149
165	Phospholipase C β 1 is a physiological guanine nucleotide exchange factor for the nuclear GTPase PIKE. <i>Nature</i> , 2002, 415, 541-544.	13.7	149
166	PIKE. <i>Cell</i> , 2000, 103, 919-930.	13.5	148
167	Bradykinin receptor-mediated chloride secretion in intestinal function. <i>Nature</i> , 1982, 299, 256-259.	13.7	147
168	Nitric oxide and neurons. <i>Current Opinion in Neurobiology</i> , 1992, 2, 323-327.	2.0	146
169	Parapinopsin, a Novel Catfish Opsin Localized to the Parapineal Organ, Defines a New Gene Family. <i>Journal of Neuroscience</i> , 1997, 17, 8083-8092.	1.7	143
170	Structure of the PIN/LC8 dimer with a bound peptide. <i>Nature Structural Biology</i> , 1999, 6, 735-740.	9.7	143
171	S-Nitrosylation and S-Palmitoylation Reciprocally Regulate Synaptic Targeting of PSD-95. <i>Neuron</i> , 2011, 71, 131-141.	3.8	142
172	[3H]Para-amino-clonidine: A novel ligand which binds with high affinity to α_1 -adrenergic receptors. <i>Life Sciences</i> , 1979, 25, 769-774.	2.0	140
173	Molecular messengers of olfaction. <i>Trends in Neurosciences</i> , 1992, 15, 508-513.	4.2	140
174	Redox imbalance links COVID-19 and myalgic encephalomyelitis/chronic fatigue syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	140
175	A morphine-like factor α -enkephalin β in rat brain: subcellular localization. <i>Brain Research</i> , 1976, 107, 650-657.	1.1	138
176	Quantal calcium release by purified reconstituted inositol 1,4,5-trisphosphate receptors. <i>Nature</i> , 1992, 356, 350-352.	13.7	138
177	Loss of nitric oxide synthase immunoreactivity in cerebral vasospasm. <i>Journal of Neurosurgery</i> , 1996, 84, 648-654.	0.9	138
178	Urinary bladder-urethral sphincter dysfunction in mice with targeted disruption of neuronal nitric oxide synthase models idiopathic voiding disorders in humans. <i>Nature Medicine</i> , 1997, 3, 571-574.	15.2	138
179	Carbon Monoxide Neurotransmission Activated by CK2 Phosphorylation of Heme Oxygenase-2. <i>Neuron</i> , 2003, 40, 129-137.	3.8	138
180	GABA receptors are increased in brains of alcoholics. <i>Annals of Neurology</i> , 1981, 9, 289-292.	2.8	137

#	ARTICLE	IF	CITATIONS
181	Inositol Pyrophosphates as Mammalian Cell Signals. <i>Science Signaling</i> , 2011, 4, re1.	1.6	137
182	Guanine nucleotides distinguish between two dopamine receptors. <i>Nature</i> , 1979, 278, 577-578.	13.7	136
183	Somatostatin receptors: Distribution in rat central nervous system and human frontal cortex. <i>Journal of Comparative Neurology</i> , 1985, 240, 288-304.	0.9	136
184	Pharmacologic Inhibition of Poly(ADP-Ribose) Polymerase Is Neuroprotective Following Traumatic Brain Injury in Rats. <i>Journal of Neurotrauma</i> , 2001, 18, 369-376.	1.7	136
185	Identification and Characterization of a Novel Inositol Hexakisphosphate Kinase. <i>Journal of Biological Chemistry</i> , 2001, 276, 39179-39185.	1.6	135
186	Guanine nucleotides differentiate agonist and antagonist interactions with opiate receptors. <i>Life Sciences</i> , 1978, 23, 759-761.	2.0	134
187	Localization of opiate receptor binding in synaptic membranes of rat brain. <i>Brain Research</i> , 1974, 70, 184-188.	1.1	132
188	Alterations of brain neurotransmitter receptor binding in Huntington's chorea. <i>Brain Research</i> , 1976, 116, 531-537.	1.1	132
189	Met- and Leu-enkephalin immunoreactivity in separate neurones. <i>Nature</i> , 1979, 282, 407-410.	13.7	132
190	A Novel Neuron-Enriched Homolog of the Erythrocyte Membrane Cytoskeletal Protein 4.1. <i>Journal of Neuroscience</i> , 1999, 19, 6457-6467.	1.7	132
191	The Calcineurin-Dynamin 1 Complex as a Calcium Sensor for Synaptic Vesicle Endocytosis. <i>Journal of Biological Chemistry</i> , 1999, 274, 25963-25966.	1.6	132
192	Effects of disulfiram on tissue norepinephrine content and subcellular distribution of dopamine, tyramine and their β^2 -hydroxylated metabolites. <i>Life Sciences</i> , 1964, 3, 769-775.	2.0	131
193	Inositol hexakisphosphate receptor identified as the clathrin assembly protein AP-2. <i>Biochemical and Biophysical Research Communications</i> , 1992, 187, 158-163.	1.0	131
194	Inositol polyphosphate multikinase (ArgR111) determines nuclear mRNA export in <i>Saccharomyces cerevisiae</i> . <i>FEBS Letters</i> , 2000, 468, 28-32.	1.3	131
195	Ontogenesis of dopamine receptor binding in the corpus striatum of the rat. <i>Brain Research</i> , 1977, 125, 376-382.	1.1	129
196	Gene deletion of inositol hexakisphosphate kinase 1 reveals inositol pyrophosphate regulation of insulin secretion, growth, and spermiogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2349-2353.	3.3	128
197	Multiple β^2 -Noradrenergic Receptor Sites in Rat Brain: Selective Regulation of High-Affinity [3 H] Clonidine Binding by Guanine Nucleotides and Divalent Cations. <i>Journal of Neurochemistry</i> , 1980, 34, 374-384.	2.1	127
198	Amino Acid Signaling to mTOR Mediated by Inositol Polyphosphate Multikinase. <i>Cell Metabolism</i> , 2011, 13, 215-221.	7.2	127

#	ARTICLE	IF	CITATIONS
199	Stereospecificity of interaction of neuroleptic drugs with neurotransmitters and correlation with clinical potency. <i>Nature</i> , 1976, 263, 338-341.	13.7	126
200	Nitric oxide S-nitrosylates serine racemase, mediating feedback inhibition of D-serine formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 2950-2955.	3.3	126
201	Effects of hydrogen sulfide on mitochondrial function and cellular bioenergetics. <i>Redox Biology</i> , 2021, 38, 101772.	3.9	126
202	Aspartate racemase, generating neuronal D-aspartate, regulates adult neurogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3175-3179.	3.3	125
203	Hydrogen sulfide is neuroprotective in Alzheimer's disease by sulfhydrating GSK3 β and inhibiting Tau hyperphosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	124
204	GOSPEL: A Neuroprotective Protein that Binds to GAPDH upon S-Nitrosylation. <i>Neuron</i> , 2009, 63, 81-91.	3.8	123
205	A novel K ⁺ channel with unique localizations in mammalian brain: Molecular cloning and characterization. <i>Neuron</i> , 1992, 8, 473-481.	3.8	122
206	The 13-kD FK506 Binding Protein, FKBP13, Interacts with a Novel Homologue of the Erythrocyte Membrane Cytoskeletal Protein 4.1. <i>Journal of Cell Biology</i> , 1998, 141, 143-153.	2.3	122
207	Role for mTOR Signaling and Neuronal Activity in Morphine-Induced Adaptations in Ventral Tegmental Area Dopamine Neurons. <i>Neuron</i> , 2011, 72, 977-990.	3.8	122
208	Signaling by cGAS's STING in Neurodegeneration, Neuroinflammation, and Aging. <i>Trends in Neurosciences</i> , 2021, 44, 83-96.	4.2	121
209	Gamma-aminobutyric acid (GABA) receptor binding in mammalian retina. <i>Brain Research</i> , 1976, 115, 174-179.	1.1	120
210	Identification of Bradykinin in Mammalian Brain. <i>Journal of Neurochemistry</i> , 1984, 43, 1072-1080.	2.1	119
211	Cloned and Expressed Rat Ca ²⁺ -sensing Receptor. <i>Journal of Biological Chemistry</i> , 1996, 271, 5972-5975.	1.6	119
212	THE PINEAL GLAND AND MELATONIN: Molecular and Pharmacologic Regulation. <i>Annual Review of Pharmacology and Toxicology</i> , 1999, 39, 53-65.	4.2	119
213	A Mammalian Iron ATPase Induced by Iron. <i>Journal of Biological Chemistry</i> , 2000, 275, 15166-15173.	1.6	118
214	Dopamine receptor binding: Specificity, localization and regulation by ions and guanyl nucleotides. <i>Life Sciences</i> , 1978, 23, 495-499.	2.0	116
215	Psychiatric progress. <i>Journal of Psychiatric Research</i> , 1984, 18, 91-106.	1.5	116
216	Calpain-dependent cleavage of cain/cabin1 activates calcineurin to mediate calcium-triggered cell death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 9870-9875.	3.3	116

#	ARTICLE	IF	CITATIONS
217	Inositol Hexakisphosphate Kinase-2, a Physiologic Mediator of Cell Death. <i>Journal of Biological Chemistry</i> , 2005, 280, 1634-1640.	1.6	115
218	Molecular and Functional Characterization of Protein 4.1B, a Novel Member of the Protein 4.1 Family with High Level, Focal Expression in Brain. <i>Journal of Biological Chemistry</i> , 2000, 275, 3247-3255.	1.6	114
219	Neurotransmitter receptor localizations: Brain lesion induced alterations in benzodiazepine, GABA, β 2-adrenergic and histamine H1-receptor binding. <i>Brain Research</i> , 1980, 190, 95-110.	1.1	113
220	Ejaculatory abnormalities in mice with targeted disruption of the gene for heme oxygenase-2. <i>Nature Medicine</i> , 1998, 4, 84-87.	15.2	113
221	A peptide inhibitor of cytochrome c/inositol 1,4,5-trisphosphate receptor binding blocks intrinsic and extrinsic cell death pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1466-1471.	3.3	113
222	Mutant Huntingtin: Nuclear translocation and cytotoxicity mediated by GAPDH. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 3405-3409.	3.3	112
223	Developmental Expression Pattern of Phototransduction Components in Mammalian Pineal Implies a Light-Sensing Function. <i>Journal of Neuroscience</i> , 1997, 17, 8074-8082.	1.7	110
224	Rhes, a Striatal-selective Protein Implicated in Huntington Disease, Binds Beclin-1 and Activates Autophagy. <i>Journal of Biological Chemistry</i> , 2014, 289, 3547-3554.	1.6	110
225	Beyond receptors: Multiple second-messenger systems in brain. <i>Annals of Neurology</i> , 1987, 21, 217-229.	2.8	109
226	Evidence for neuromelanin involvement in MPTP-induced neurotoxicity. <i>Nature</i> , 1987, 327, 324-326.	13.7	109
227	Neurotransmitter release regulated by nitric oxide in PC-12 cells and brain synaptosomes. <i>Current Biology</i> , 1993, 3, 749-754.	1.8	108
228	Relationship between the Action of Monoamine Oxidase Inhibitors on the Noradrenaline Uptake System and their Antidepressant Efficacy. <i>Nature</i> , 1968, 220, 1330-1331.	13.7	107
229	Uptake and Subcellular Localization of Neurotransmitters in the Brain. <i>International Review of Neurobiology</i> , 1970, 13, 127-158.	0.9	107
230	Opiate receptor bindingâ€™enhancement by opiate administration in vivo. <i>Biochemical Pharmacology</i> , 1976, 25, 847-853.	2.0	107
231	Inositol polyphosphate multikinase is a physiologic PI3-kinase that activates Akt/PKB. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 1391-1396.	3.3	107
232	Type 5 adenylyl cyclase distribution. <i>Nature</i> , 1993, 363, 679-680.	13.7	106
233	Neuronal nitric-oxide synthase localization mediated by a ternary complex with synapsin and CAPON. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 3199-3204.	3.3	106
234	HSP90 regulates cell survival via inositol hexakisphosphate kinase-2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1134-1139.	3.3	106

#	ARTICLE	IF	CITATIONS
235	? Receptors: From Molecule to Man. <i>Journal of Neurochemistry</i> , 1991, 57, 729-737.	2.1	105
236	Phospholipase C- β : diverse roles in receptor-mediated calcium signaling. <i>Trends in Biochemical Sciences</i> , 2005, 30, 688-697.	3.7	105
237	Inositol polyphosphate multikinase is a nuclear PI3-kinase with transcriptional regulatory activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 12783-12788.	3.3	105
238	Immunophilin ligand FK506 is neuroprotective for penile innervation. <i>Nature Medicine</i> , 2001, 7, 1073-1074.	15.2	103
239	Poly(ADP-ribose) Synthetase Activation: An Early Indicator of Neurotoxic DNA Damage. <i>Journal of Neurochemistry</i> , 1995, 65, 1411-1414.	2.1	103
240	Molecular Mechanisms of Nitric Oxide Actions in the Brain. <i>Annals of the New York Academy of Sciences</i> , 1994, 738, 76-85.	1.8	103
241	Inositol Pyrophosphates Mediate the DNA-PK/ATM-p53 Cell Death Pathway by Regulating CK2 Phosphorylation of Tti1/Tel2. <i>Molecular Cell</i> , 2014, 54, 119-132.	4.5	103
242	Janus faces of nitric oxide. <i>Nature</i> , 1993, 364, 577-577.	13.7	102
243	Regional distribution of postsynaptic receptor binding for gamma-aminobutyric acid (GABA) in monkey brain. <i>Brain Research</i> , 1975, 93, 168-174.	1.1	101
244	Benzodiazepine recognition sites on GABA receptors. <i>Nature</i> , 1980, 287, 651-652.	13.7	101
245	Purification and Characterization of a Membrane-Bound Enkephalin-Forming Carboxypeptidase, "Enkephalin Convertase". <i>Journal of Neurochemistry</i> , 1984, 42, 1017-1023.	2.1	101
246	Nitric oxide synthase-immunoreactive nerve fibers in dog cerebral and peripheral arteries. <i>Brain Research</i> , 1993, 629, 67-72.	1.1	101
247	Elimination of Aggressive Behavior in Male Mice Lacking Endothelial Nitric Oxide Synthase. <i>Journal of Neuroscience</i> , 1999, 19, RC30-RC30.	1.7	101
248	Protein kinase G-regulated production of H ₂ S governs oxygen sensing. <i>Science Signaling</i> , 2015, 8, ra37.	1.6	101
249	Interactions of Divalent Cations and Guanine Nucleotides at α -Noradrenergic Receptor Binding Sites in Bovine Brain Mechanisms. <i>Journal of Neurochemistry</i> , 1980, 34, 385-394.	2.1	100
250	Purification and characterization of the inositol 1,4,5-trisphosphate receptor protein from rat vas deferens. <i>Biochemical Journal</i> , 1990, 272, 383-389.	1.7	100
251	Inositol Hexakisphosphate Kinase Products Contain Diphosphate and Triphosphate Groups. <i>Chemistry and Biology</i> , 2008, 15, 274-286.	6.2	100
252	D-Serine in Glia and Neurons Derives from 3-Phosphoglycerate Dehydrogenase. <i>Journal of Neuroscience</i> , 2013, 33, 12464-12469.	1.7	100

#	ARTICLE	IF	CITATIONS
253	MRGPRX4 is a G protein-coupled receptor activated by bile acids that may contribute to cholestatic pruritus. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10525-10530.	3.3	100
254	Calcium-Antagonist Receptors in the Atrial Tissue of Patients with Hypertrophic Cardiomyopathy. New England Journal of Medicine, 1989, 320, 755-761.	13.9	99
255	p53-mediated apoptosis requires inositol hexakisphosphate kinase-2. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20947-20951.	3.3	99
256	The glutathione cycle shapes synaptic glutamate activity. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2701-2706.	3.3	99
257	Solubilization of histamine H-1, GABA and benzodiazepine receptors. Life Sciences, 1979, 25, 783-789.	2.0	98
258	RACK1 binds to inositol 1,4,5-trisphosphate receptors and mediates Ca ²⁺ release. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 2328-2332.	3.3	98
259	Melanopsin mediates light-dependent relaxation in blood vessels. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17977-17982.	3.3	98
260	Action of TFIH Outside the Nucleus as an Inhibitor of Agonist-Induced Calcium Entry. Science, 2006, 314, 122-125.	6.0	96
261	Constituents of bile, bilirubin and TUDCA, protect against oxidative stress-induced retinal degeneration. Journal of Neurochemistry, 2011, 116, 144-153.	2.1	96
262	Cyclic AMP-dependent phosphorylation of neuronal nitric oxide synthase mediates penile erection. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16624-16629.	3.3	95
263	Histamine H1-Receptor Binding Sites in Guinea Pig Brain Membranes: Regulation of Agonist Interactions by Guanine Nucleotides and Cations. Journal of Neurochemistry, 1980, 34, 916-922.	2.1	94
264	Neurology: Predicting Parkinson's disease. Nature, 1985, 317, 198-199.	13.7	93
265	Î-Aminolevulinic acid: Influences on synaptic GABA receptor binding may explain CNS symptoms of porphyria. Annals of Neurology, 1977, 2, 340-342.	2.8	92
266	GRAB: A Physiologic Guanine Nucleotide Exchange Factor for Rab3a, which Interacts with Inositol Hexakisphosphate Kinase. Neuron, 2001, 31, 439-451.	3.8	92
267	Molecular Cloning of Ebnerin, a von Ebner's Gland Protein Associated with Taste Buds. Journal of Biological Chemistry, 1995, 270, 17674-17679.	1.6	91
268	Temporal Patterns of Poly(ADP-Ribose) Polymerase Activation in the Cortex Following Experimental Brain Injury in the Rat. Journal of Neurochemistry, 2002, 73, 205-213.	2.1	91
269	Serine Racemase Deletion Protects Against Cerebral Ischemia and Excitotoxicity. Journal of Neuroscience, 2010, 30, 1413-1416.	1.7	91
270	Odorant-binding protein: odorant transport function in the vertebrate nasal epithelium. Chemical Senses, 1990, 15, 217-222.	1.1	90

#	ARTICLE	IF	CITATIONS
271	<i>S</i> -nitrosylation/activation of COX-2 mediates NMDA neurotoxicity. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 10537-10540.	3.3	90
272	Redox Mechanisms in Neurodegeneration: From Disease Outcomes to Therapeutic Opportunities. Antioxidants and Redox Signaling, 2019, 30, 1450-1499.	2.5	90
273	Neurotensin: a neuronal pathway projecting from amygdala through stria terminalis. Brain Research, 1979, 161, 522-526.	1.1	89
274	Inositol trisphosphate and thapsigargin discriminate endoplasmic reticulum stores of calcium in rat brain. Biochemical and Biophysical Research Communications, 1990, 172, 811-816.	1.0	89
275	Peripheral-type benzodiazepine receptor density and in vitro tumorigenicity of glioma cell lines. Biochemical Pharmacology, 2004, 68, 689-698.	2.0	89
276	A Connective Tissue Mast-Cell-Specific Receptor Detects Bacterial Quorum-Sensing Molecules and Mediates Antibacterial Immunity. Cell Host and Microbe, 2019, 26, 114-122.e8.	5.1	89
277	Synaptosomes: Different Populations storing Catecholamines and Gamma-aminobutyric Acid in Homogenates of Rat Brain. Nature, 1968, 220, 796-798.	13.7	88
278	Regulation by Cations of [3H]Spiroperidol Binding Associated with Dopamine Receptors of Rat Brain. Journal of Neurochemistry, 1980, 34, 669-676.	2.1	88
279	Demonstration of inositol 1,3,4,5-tetrakisphosphate receptor binding. Biochemical and Biophysical Research Communications, 1987, 148, 1283-1289.	1.0	88
280	A Novel Pineal Night-Specific ATPase Encoded by the Wilson Disease Gene. Journal of Neuroscience, 1999, 19, 1018-1026.	1.7	88
281	Neuroprotective Action of Bilirubin against Oxidative Stress in Primary Hippocampal Cultures. Annals of the New York Academy of Sciences, 1999, 890, 167-172.	1.8	88
282	α -Noradrenergic receptors in the brain: differential effects of sodium on binding of [3H]agonists and [3H]antagonists. Brain Research, 1978, 140, 378-384.	1.1	87
283	Autoradiographic localization of kappa opiate receptors to deep layers of the cerebral cortex may explain unique sedative and analgesic effects. Life Sciences, 1982, 31, 1291-1294.	2.0	87
284	Heme Oxygenase A Font of Multiple Messengers. Neuropsychopharmacology, 2001, 25, 294-298.	2.8	86
285	S-nitrosylation of AMPA receptor GluA1 regulates phosphorylation, single-channel conductance, and endocytosis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1077-1082.	3.3	86
286	Identification of a bilirubin receptor that may mediate a component of cholestatic itch. ELife, 2019, 8, .	2.8	86
287	POLYAMINE SYNTHESIS AND TURNOVER IN RAPIDLY GROWING TISSUES. Annals of the New York Academy of Sciences, 1970, 171, 749-771.	1.8	85
288	Identification of opiate receptor binding in intact animals. Life Sciences, 1975, 16, 1623-1634.	2.0	84

#	ARTICLE	IF	CITATIONS
289	Neural roles of immunophilins and their ligands. <i>Molecular Neurobiology</i> , 1997, 15, 223-239.	1.9	84
290	Inositol pyrophosphates promote tumor growth and metastasis by antagonizing liver kinase B1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1773-1778.	3.3	84
291	Golgi stress response reprograms cysteine metabolism to confer cytoprotection in Huntington's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 780-785.	3.3	84
292	Neurotransmitter receptor alterations in Huntington's disease: Autoradiographic and homogenate studies with special reference to benzodiazepine receptor complexes. <i>Annals of Neurology</i> , 1985, 18, 202-210.	2.8	83
293	3H-catecholamine binding to α -receptors in rat brain: Enhancement by reserpine. <i>European Journal of Pharmacology</i> , 1978, 51, 145-155.	1.7	81
294	PIKE (Phosphatidylinositol 3-Kinase Enhancer)-A GTPase Stimulates Akt Activity and Mediates Cellular Invasion. <i>Journal of Biological Chemistry</i> , 2004, 279, 16441-16451.	1.6	81
295	Autophagosome-like vacuole formation in Huntington's disease lymphoblasts. <i>NeuroReport</i> , 2004, 15, 1325-1328.	0.6	81
296	Heme Oxygenase-2 Is Activated by Calcium-Calmodulin. <i>Journal of Biological Chemistry</i> , 2004, 279, 30927-30930.	1.6	80
297	Type 3 inositol 1,4,5-trisphosphate receptor modulates cell death. <i>FASEB Journal</i> , 2000, 14, 1375-1379.	0.2	79
298	Inositol 1,4,5-trisphosphate receptor/GAPDH complex augments Ca ²⁺ release via locally derived NADH. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1357-1359.	3.3	79
299	Enkephalin convertase: A specific enkephalin synthesizing carboxypeptidase in adrenal chromaffin granules, brain, and pituitary gland. <i>Life Sciences</i> , 1982, 31, 1841-1844.	2.0	78
300	Rhes, a Physiologic Regulator of Sumoylation, Enhances Cross-sumoylation between the Basic Sumoylation Enzymes E1 and Ubc9. <i>Journal of Biological Chemistry</i> , 2010, 285, 20428-20432.	1.6	78
301	Inositol hexakisphosphate kinase 1 regulates neutrophil function in innate immunity by inhibiting phosphatidylinositol-(3,4,5)-trisphosphate signaling. <i>Nature Immunology</i> , 2011, 12, 752-760.	7.0	76
302	Enkephalin convertase: Potent, selective, and irreversible inhibitors. <i>Biochemical and Biophysical Research Communications</i> , 1983, 111, 994-1000.	1.0	75
303	Opioid peptides: differentiation by radioimmunoassay and radioreceptor assay. <i>Brain Research</i> , 1977, 135, 358-367.	1.1	74
304	Receptors, Neurotransmitters and Drug Responses. <i>New England Journal of Medicine</i> , 1979, 300, 465-472.	13.9	74
305	No endothelial NO. <i>Nature</i> , 1995, 377, 196-197.	13.7	74
306	The Rapamycin and FKBP12 Target (RAFT) Displays Phosphatidylinositol 4-Kinase Activity. <i>Journal of Biological Chemistry</i> , 1995, 270, 20875-20878.	1.6	74

#	ARTICLE	IF	CITATIONS
307	Bradykinin analogues: differential agonist and antagonist activities suggesting multiple receptors. <i>British Journal of Pharmacology</i> , 1988, 94, 3-5.	2.7	73
308	Apoptosis And Calcium: New Roles For Cytochrome c and Inositol 1,4,5-trisphosphate. <i>Cell Cycle</i> , 2004, 3, 250-252.	1.3	73
309	Neurotransmitter and drug receptors in the brain. <i>Biochemical Pharmacology</i> , 1975, 24, 1371-1374.	2.0	72
310	Harmaline-induced tremor in the rat: Abolition by 3-acetylpyridine destruction of cerebellar climbing fibers. <i>Brain Research</i> , 1976, 114, 144-151.	1.1	72
311	Tethered IP3. Synthesis and biochemical applications of the 1-O-(3-aminopropyl) ester of inositol (1,4,5)-trisphosphate. <i>Journal of the American Chemical Society</i> , 1991, 113, 1822-1825.	6.6	72
312	Chapter 30 Nitric oxide: cellular regulation and neuronal injury. <i>Progress in Brain Research</i> , 1994, 103, 365-369.	0.9	72
313	Histamine turnover in rat brain. <i>Brain Research</i> , 1974, 78, 467-481.	1.1	71
314	Nitric oxide synthase (NOS) in schizophrenia. <i>Molecular and Chemical Neuropathology</i> , 1996, 27, 275-284.	1.0	71
315	Inherent variations in CO-H ₂ S-mediated carotid body O ₂ sensing mediate hypertension and pulmonary edema. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1174-1179.	3.3	71
316	Development of muscarinic cholinergic and GABA receptor binding in chick embryo brain. <i>Brain Research</i> , 1976, 101, 177-183.	1.1	70
317	Regulation of AMPA receptor localization in lipid rafts. <i>Molecular and Cellular Neurosciences</i> , 2008, 38, 213-223.	1.0	70
318	Regional localization of histamine and histidine in the brain of the Rhesus monkey. <i>Brain Research</i> , 1972, 41, 171-179.	1.1	68
319	Neuroprotective effects of gangliosides may involve inhibition of nitric oxide synthase. <i>Annals of Neurology</i> , 1995, 37, 115-118.	2.8	68
320	D-Aspartate Regulates Melanocortin Formation and Function: Behavioral Alterations in D-Aspartate Oxidase-Deficient Mice. <i>Journal of Neuroscience</i> , 2006, 26, 2814-2819.	1.7	68
321	S-nitrosylation of stargazin regulates surface expression of AMPA-glutamate neurotransmitter receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 16440-16445.	3.3	68
322	Human Genome-Wide RNAi Screen Identifies an Essential Role for Inositol Pyrophosphates in Type-I Interferon Response. <i>PLoS Pathogens</i> , 2014, 10, e1003981.	2.1	68
323	Modes of Physiologic H ₂ S Signaling in the Brain and Peripheral Tissues. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 411-423.	2.5	68
324	The Opiate Receptor. <i>Annals of Internal Medicine</i> , 1974, 81, 534.	2.0	67

#	ARTICLE	IF	CITATIONS
325	Nitropeptide Mapping. <i>Chemistry and Biology</i> , 2002, 9, 1329-1335.	6.2	67
326	Neurotrophin-mediated degradation of histone methyltransferase by S-nitrosylation cascade regulates neuronal differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 20178-20183.	3.3	67
327	Bilirubin Links Heme Metabolism to Neuroprotection by Scavenging Superoxide. <i>Cell Chemical Biology</i> , 2019, 26, 1450-1460.e7.	2.5	66
328	Gamma-aminobutyric acid (GABA) receptor binding selectively depleted by viral induced granule cell loss in hamster cerebellum. <i>Brain Research</i> , 1976, 105, 365-371.	1.1	65
329	UDP-glucuronate Decarboxylase, a Key Enzyme in Proteoglycan Synthesis. <i>Journal of Biological Chemistry</i> , 2002, 277, 16968-16975.	1.6	65
330	Complementary roles of gasotransmitters CO and H ₂ S in sleep apnea. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1413-1418.	3.3	65
331	Differential localization of type I and type II benzodiazepine binding sites in substantia nigra. <i>Nature</i> , 1983, 306, 57-60.	13.7	64
332	Substance K and substance P as possible endogenous substrates of angiotensin converting enzyme in the brain. <i>Biochemical and Biophysical Research Communications</i> , 1985, 128, 317-324.	1.0	64
333	D-Serine as a putative glial neurotransmitter. <i>Neuron Glia Biology</i> , 2004, 1, 275-281.	2.0	64
334	Adenosine receptors and the actions of methylxanthines. <i>Trends in Neurosciences</i> , 1981, 4, 242-244.	4.2	63
335	Protein 4.1N Binding to Nuclear Mitotic Apparatus Protein in PC12 Cells Mediates the Antiproliferative Actions of Nerve Growth Factor. <i>Journal of Neuroscience</i> , 1999, 19, 10747-10756.	1.7	63
336	Glutathione is a physiologic reservoir of neuronal glutamate. <i>Biochemical and Biophysical Research Communications</i> , 2011, 409, 596-602.	1.0	63
337	Transcriptional control of amino acid homeostasis is disrupted in Huntington's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8843-8848.	3.3	63
338	Aggressive behavior in male mice lacking the gene for neuronal nitric oxide synthase requires testosterone. <i>Brain Research</i> , 1997, 769, 66-70.	1.1	62
339	DOM (STP), a New Hallucinogenic Drug, and DOET: Effects in Normal Subjects. <i>American Journal of Psychiatry</i> , 1968, 125, 357-364.	4.0	61
340	Agonist-induced Ca ²⁺ entry determined by inositol 1,4,5-trisphosphate recognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 2323-2327.	3.3	61
341	The Calcineurin-binding Protein Cain Is a Negative Regulator of Synaptic Vesicle Endocytosis. <i>Journal of Biological Chemistry</i> , 2000, 275, 34017-34020.	1.6	60
342	Glutamatergic regulation of serine racemase via reversal of PIP ₂ inhibition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2921-2926.	3.3	60

#	ARTICLE	IF	CITATIONS
343	Dexas1, a Small GTPase, Is Required for Glutamate-NMDA Neurotoxicity. <i>Journal of Neuroscience</i> , 2013, 33, 3582-3587.	1.7	60
344	Separation of synaptosomes storing catecholamines and gamma-aminobutyric acid in rat corpus striatum. <i>Brain Research</i> , 1970, 21, 405-417.	1.1	59
345	Differentiation of opiate agonist and antagonist receptor binding by protein modifying reagents. <i>Nature</i> , 1975, 253, 448-450.	13.7	59
346	Two Novel Odorant Receptor Families Expressed in Spermatids Undergo 5' Splicing. <i>Journal of Biological Chemistry</i> , 1998, 273, 9378-9387.	1.6	59
347	The dopamine connection. <i>Nature</i> , 1990, 347, 121-122.	13.7	58
348	High sensitivity sequencing of large proteins: Partial structure of the rapamycin target. <i>Protein Science</i> , 1994, 3, 2435-2446.	3.1	58
349	Cocaine elicits autophagic cytotoxicity via a nitric oxide-GAPDH signaling cascade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1417-1422.	3.3	58
350	Protein Sulfhydration. <i>Methods in Enzymology</i> , 2015, 555, 79-90.	0.4	57
351	Elevated levels of enkephalin in morphine-dependent rats. <i>Nature</i> , 1976, 262, 505-507.	13.7	56
352	Independent variation of \hat{I}^2 -adrenergic receptor binding and catecholamine-stimulated adenylate cyclase activity in rat erythrocytes. <i>Life Sciences</i> , 1976, 19, 243-250.	2.0	55
353	Alternatively spliced neuronal nitric oxide synthase mediates penile erection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 3440-3443.	3.3	55
354	AMP-activated protein kinase is physiologically regulated by inositol polyphosphate multikinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 616-620.	3.3	55
355	Selective labeling of \hat{I}^1 -noradrenergic receptors in rat brain with [3H] dihydroergokryptine. <i>Life Sciences</i> , 1977, 20, 927-931.	2.0	54
356	Carazolol, an extremely potent \hat{I}^2 -adrenergic blocker: Binding to \hat{I}^2 -receptors in brain membranes. <i>Life Sciences</i> , 1979, 24, 2255-2264.	2.0	54
357	Inhibition of an Inward Rectifier Potassium Channel (Kir2.3) by G-protein $\hat{I}^2\hat{I}^3$ Subunits. <i>Journal of Biological Chemistry</i> , 1996, 271, 32301-32305.	1.6	54
358	Four Paralogous Protein 4.1 Genes Map to Distinct Chromosomes in Mouse and Human. <i>Genomics</i> , 1998, 54, 348-350.	1.3	54
359	PIKE GTPase: a novel mediator of phosphoinositide signaling. <i>Journal of Cell Science</i> , 2004, 117, 155-161.	1.2	54
360	Opiate receptor binding in rhesus monkey brain: association with limbic structures. <i>Brain Research</i> , 1978, 155, 374-379.	1.1	53

#	ARTICLE	IF	CITATIONS
361	Adenosine receptors in rat testes: Labeling with ^3H - α -cyclohexyladenosine. <i>Life Sciences</i> , 1981, 28, 917-920.	2.0	53
362	GENETICS: Two Genes Link Two Distinct Psychoses. <i>Science</i> , 2005, 310, 1128-1129.	6.0	52
363	The Cationic Amino Acid Transporters CAT1 and CAT3 Mediate NMDA Receptor Activation-Dependent Changes in Elaboration of Neuronal Processes via the Mammalian Target of Rapamycin mTOR Pathway. <i>Journal of Neuroscience</i> , 2007, 27, 449-458.	1.7	52
364	Huntington's Disease is a disorder of the corpus striatum: Focus on Rhes (Ras homologue enriched in) Tj ETQq0,0 0 rgBT /Overlock 1	2.0	51
365	HOW AMPHETAMINE ACTS IN MINIMAL BRAIN DYSFUNCTION. <i>Annals of the New York Academy of Sciences</i> , 1973, 205, 310-320.	1.8	50
366	Discrimination by temperature of opiate agonist and antagonist receptor binding. <i>Life Sciences</i> , 1975, 16, 1837-1842.	2.0	50
367	Phencyclidine (PCP) receptors: autoradiographic localization in brain with the selective ligand, [^3H]TCP. <i>Brain Research</i> , 1986, 386, 266-279.	1.1	50
368	Neuronal migration is mediated by inositol hexakisphosphate kinase 1 via β -actinin and focal adhesion kinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2036-2041.	3.3	50
369	DISC1 in Astrocytes Influences Adult Neurogenesis and Hippocampus-Dependent Behaviors in Mice. <i>Neuropsychopharmacology</i> , 2017, 42, 2242-2251.	2.8	50
370	Soluble benzodiazepine receptors: Gabaergic regulation. <i>Life Sciences</i> , 1980, 26, 579-582.	2.0	49
371	Diffuse enkephalin innervation from caudate to globus pallidus. <i>Neuroscience Letters</i> , 1981, 25, 63-68.	1.0	49
372	CIRCADIAN RHYTHMS: Carbon Monoxide and Clocks. <i>Science</i> , 2002, 298, 2339-2340.	6.0	49
373	Protein modifications involved in neurotransmitter and gasotransmitter signaling. <i>Trends in Neurosciences</i> , 2010, 33, 493-502.	4.2	49
374	Rhes Deletion Is Neuroprotective in the 3-Nitropropionic Acid Model of Huntington's Disease. <i>Journal of Neuroscience</i> , 2013, 33, 4206-4210.	1.7	49
375	Enhanced expression of nitric oxide synthase by rat retina following pterygopalatine parasympathetic denervation. <i>Brain Research</i> , 1993, 631, 83-88.	1.1	48
376	Neuronal growth and survival mediated by eIF5A, a polyamine-modified translation initiation factor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 4194-4199.	3.3	48
377	Impaired Redox Signaling in Huntington's Disease: Therapeutic Implications. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 68.	1.4	48
378	Neurobehavioral deficits in mice lacking the erythrocyte membrane cytoskeletal protein 4.1. <i>Current Biology</i> , 1998, 8, 1269-S1.	1.8	47

#	ARTICLE	IF	CITATIONS
379	Evidence for the presence of monoamine oxidase in sympathetic nerve endings. <i>Biochemical Pharmacology</i> , 1965, 14, 363-365.	2.0	46
380	Inositol hexakisphosphate kinase-1 mediates assembly/disassembly of the CRL4 ^{hHR23} signalosome complex to regulate DNA repair and cell death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16005-16010.	3.3	46
381	Inositol Hexakisphosphate Kinase-3 Regulates the Morphology and Synapse Formation of Cerebellar Purkinje Cells via Spectrin/Adducin. <i>Journal of Neuroscience</i> , 2015, 35, 11056-11067.	1.7	46
382	Therapeutic Applications of Cysteamine and Cystamine in Neurodegenerative and Neuropsychiatric Diseases. <i>Frontiers in Neurology</i> , 2019, 10, 1315.	1.1	46
383	Characterization of the Binding of N-Methyl-4-Phenylpyridine, the Toxic Metabolite of the Parkinsonian Neurotoxin N-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine, to Neuromelanin. <i>Journal of Neurochemistry</i> , 1987, 48, 653-658.	2.1	45
384	Phospholipase C- β 1 is a guanine nucleotide exchange factor for dynamin-1 and enhances dynamin-1-dependent epidermal growth factor receptor endocytosis. <i>Journal of Cell Science</i> , 2004, 117, 3785-3795.	1.2	45
385	Opiate receptors and beyond: 30 years of neural signaling research. <i>Neuropharmacology</i> , 2004, 47, 274-285.	2.0	45
386	Inositol Polyphosphate Multikinase Is a Coactivator of p53-Mediated Transcription and Cell Death. <i>Science Signaling</i> , 2013, 6, ra22.	1.6	45
387	Serum levels of neuroleptics measured by dopamine radioreceptor assay and some clinical observations. <i>Psychiatry Research</i> , 1979, 1, 39-44.	1.7	44
388	Tubulin messenger RNA: in situ hybridization reveals bilateral increases in hypoglossal and facial nuclei following nerve transection. <i>Brain Research</i> , 1988, 463, 245-249.	1.1	44
389	Human GAPDH Is a Target of Aspirin's Primary Metabolite Salicylic Acid and Its Derivatives. <i>PLoS ONE</i> , 2015, 10, e0143447.	1.1	44
390	Antischizophrenic drugs: Differential plasma protein binding and therapeutic activity. <i>Life Sciences</i> , 1979, 24, 2467-2473.	2.0	43
391	Receptor binding interactions of the angiotensin II antagonist, 125I-[sarcosine ¹ ,leucine ⁸]angiotensin II, with mammalian brain and peripheral tissues. <i>European Journal of Pharmacology</i> , 1980, 67, 11-25.	1.7	43
392	[³ H]Captopril binding to membrane associated angiotensin converting enzyme. <i>Biochemical and Biophysical Research Communications</i> , 1983, 112, 1027-1033.	1.0	43
393	Analysis of Adenosine Immunoreactivity, Uptake, and Release in Purified Cultures of Developing Chick Embryo Retinal Neurons and Photoreceptors. <i>Journal of Neurochemistry</i> , 1990, 55, 1603-1611.	2.1	43
394	Cetirizine: Actions on neurotransmitter receptors. <i>Journal of Allergy and Clinical Immunology</i> , 1990, 86, 1025-1028.	1.5	43
395	Rheb Inhibits Protein Synthesis by Activating the PERK-eIF2 γ Signaling Cascade. <i>Cell Reports</i> , 2015, 10, 684-693.	2.9	43
396	Modulation of d-Serine Levels in Brains of Mice Lacking PICK1. <i>Biological Psychiatry</i> , 2008, 63, 997-1000.	0.7	42

#	ARTICLE	IF	CITATIONS
397	International Society and Federation of Cardiology: Working group—See list of Committee Members. on classification of calcium antagonists for cardiovascular disease. <i>American Journal of Cardiology</i> , 1987, 60, 630-632.	0.7	41
398	Molecular mechanisms of peripheral benzodiazepine receptors. <i>Neurochemical Research</i> , 1990, 15, 119-123.	1.6	41
399	Carbon monoxide mediates vasoactive intestinal polypeptide-associated nonadrenergic/noncholinergic neurotransmission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 2631-2635.	3.3	41
400	Messenger Molecules and Cell Death. <i>JAMA - Journal of the American Medical Association</i> , 2006, 295, 81.	3.8	41
401	Casein kinase-2 mediates cell survival through phosphorylation and degradation of inositol hexakisphosphate kinase-2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2205-2209.	3.3	41
402	Serine Racemase Regulated by Binding to Stargazin and PSD-95. <i>Journal of Biological Chemistry</i> , 2014, 289, 29631-29641.	1.6	41
403	Gilles de la Tourette's disease and minimal brain dysfunction: Amphetamine isomers reveal catecholamine correlates in an affected patient. <i>Psychopharmacology</i> , 1973, 29, 211-220.	1.5	40
404	[³ H]epinephrine and [³ H]norepinephrine binding to α -noradrenergic receptors in calf brain membranes. <i>Life Sciences</i> , 1977, 20, 527-533.	2.0	40
405	Developmental regulation of adenosine A1 receptors, uptake sites and endogenous adenosine in the chick retina. <i>Developmental Brain Research</i> , 1992, 70, 87-95.	2.1	40
406	More jobs for that molecule. <i>Nature</i> , 1994, 372, 504-505.	13.7	40
407	Bryostatin-1 alleviates experimental multiple sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2186-2191.	3.3	40
408	Dexas1 mediates glucocorticoid-associated adipogenesis and diet-induced obesity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20575-20580.	3.3	39
409	H ₂ S production by reactive oxygen species in the carotid body triggers hypertension in a rodent model of sleep apnea. <i>Science Signaling</i> , 2016, 9, ra80.	1.6	39
410	Molecular mechanisms of olfaction. <i>Trends in Neurosciences</i> , 1989, 12, 35-38.	4.2	38
411	Neurodegeneration in Huntington's disease involves loss of cystathionine β -lyase. <i>Cell Cycle</i> , 2014, 13, 2491-2493.	1.3	38
412	Huntingtin is cleaved by caspases in the cytoplasm and translocated to the nucleus via perinuclear sites in Huntington's disease patient lymphoblasts. <i>Neurobiology of Disease</i> , 2005, 20, 267-274.	2.1	37
413	Adverse Effects of Anticholinergic Antiparkinsonian Drugs in Tardive Dyskinesia. <i>Neuropsychobiology</i> , 1980, 6, 109-120.	0.9	36
414	DANGER, a Novel Regulatory Protein of Inositol 1,4,5-Trisphosphate-Receptor Activity. <i>Journal of Biological Chemistry</i> , 2006, 281, 37111-37116.	1.6	36

#	ARTICLE	IF	CITATIONS
415	Regional distribution of $\hat{\pm}$ -noradrenergic receptor binding in calf brain. Brain Research, 1977, 138, 151-158.	1.1	35
416	Amino acid neurotransmitter candidates in rat cerebellum: Selective effects of kainic acid lesions. Brain Research, 1979, 167, 345-353.	1.1	35
417	No NO prevents parkinsonism. Nature Medicine, 1996, 2, 965-966.	15.2	35
418	Death-Associated Protein Kinase-Mediated Cell Death Modulated by Interaction with DANGER. Journal of Neuroscience, 2010, 30, 93-98.	1.7	35
419	D-cysteine is an endogenous regulator of neural progenitor cell dynamics in the mammalian brain. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	35
420	Development of the synaptic glycine receptor in chick embryo spinal cord. Brain Research, 1975, 83, 525-530.	1.1	34
421	Strychnine binding associated with synaptic glycine receptors in rat spinal cord membranes: Ionic influences. Brain Research, 1978, 147, 107-116.	1.1	34
422	A sensitive radiometric assay for enkephalin convertase and other carboxypeptidase B-like enzymes. Life Sciences, 1984, 34, 113-121.	2.0	34
423	Behavioural alterations in male mice lacking the gene for d-aspartate oxidase. Behavioural Brain Research, 2006, 171, 295-302.	1.2	34
424	Huntingtonâ€™s disease: Neural dysfunction linked to inositol polyphosphate multikinase. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9751-9756.	3.3	34
425	The storage of norepinephrine and some of its derivatives in brain synaptosomes. Life Sciences, 1965, 4, 797-807.	2.0	33
426	Correlation of opiate receptor affinity with analgetic effects of meperidine homologs. Journal of Medicinal Chemistry, 1976, 19, 1248-1250.	2.9	33
427	Impact of pregnancy and lactation on GABAA receptor and central-type and peripheral-type benzodiazepine receptors. Brain Research, 1997, 752, 307-314.	1.1	33
428	Inositol polyphosphate multikinase is a transcriptional coactivator required for immediate early gene induction. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16181-16186.	3.3	33
429	Inositol hexakisphosphate (IP6) generated by IP5K mediates cullin-COP9 signalosome interactions and CRL function. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3503-3508.	3.3	33
430	Inhibition of IP6K1 suppresses neutrophil-mediated pulmonary damage in bacterial pneumonia. Science Translational Medicine, 2018, 10, .	5.8	33
431	Science interminable: Blame Ben?. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2428-2429.	3.3	32
432	Putrescine: regional distribution in the nervous system of the rat and the cat. Brain Research, 1974, 66, 328-331.	1.1	31

#	ARTICLE	IF	CITATIONS
433	Calcium Antagonist Receptors.. Annals of the New York Academy of Sciences, 1988, 522, 116-133.	1.8	31
434	Dopamine Receptor Excess and Mouse Madness. Neuron, 2006, 49, 484-485.	3.8	31
435	Neuronal nitric oxide synthase and NADPH oxidase interact to affect cognitive, affective, and social behaviors in mice. Behavioural Brain Research, 2013, 256, 320-327.	1.2	31
436	Neuroleptic Serum Levels Measured by Radioreceptor Assay and Clinical Response in Schizophrenic Patients. Journal of Nervous and Mental Disease, 1981, 169, 60-63.	0.5	30
437	125I-siperone: A novel ligand for D2 dopamine receptors. Life Sciences, 1984, 35, 1981-1988.	2.0	30
438	II. Neuromelanin: A role in MPTP-induced neurotoxicity. Life Sciences, 1987, 40, 705-712.	2.0	30
439	Human Cortical Neuronal Cell Line: A Model for HIV-1 Infection in an Immature Neuronal System. AIDS Research and Human Retroviruses, 1993, 9, 445-453.	0.5	30
440	Upregulation of nitric oxide synthase and galanin message-associated peptide in hypothalamic magnocellular neurons after hypophysectomy. Immunohistochemical and in situ hybridization studies. Brain Research, 1994, 650, 219-228.	1.1	30
441	Inositol polyphosphate multikinase is a coactivator for serum response factor-dependent induction of immediate early genes. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19938-19943.	3.3	30
442	TRPV1 is a physiological regulator of μ -opioid receptors. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 13561-13566.	3.3	30
443	IPMK Mediates Activation of ULK Signaling and Transcriptional Regulation of Autophagy Linked to Liver Inflammation and Regeneration. Cell Reports, 2019, 26, 2692-2703.e7.	2.9	30
444	Glycine high affinity uptake and strychnine binding associated with glycine receptors in the frog central nervous system. Brain Research, 1978, 143, 487-498.	1.1	29
445	Ontogenetic Development of Histamine H1-Receptor Binding in Rat Brain. Journal of Neurochemistry, 1980, 34, 1609-1613.	2.1	29
446	High-affinity cAMP phosphodiesterase and adenosine localized in sensory organs. Brain Research, 1993, 610, 199-207.	1.1	29
447	Regulation of Telomere Length by Fatty Acid Elongase 3 in Yeast. Journal of Biological Chemistry, 2008, 283, 27514-27524.	1.6	29
448	Neural and Photic Regulation of 5-Hydroxytryptophan Decarboxylase in the Rat Pineal Gland. Nature, 1964, 203, 981-982.	13.7	28
449	Regional Localization of Lysergic Acid Diethylamide in Monkey Brain. Nature, 1966, 209, 1093-1095.	13.7	28
450	Autoradiographic differentiation of multiple benzodiazepine receptors by detergent solubilization and pharmacologic specificity. Neuroscience Letters, 1983, 39, 37-44.	1.0	28

#	ARTICLE	IF	CITATIONS
451	A simple sensitive radioreceptor assay for calcium antagonist drugs. <i>Life Sciences</i> , 1983, 33, 2665-2672.	2.0	28
452	Opioid peptide biosynthesis: enzymatic selectivity and regulatory mechanisms. <i>FASEB Journal</i> , 1987, 1, 16-21.	0.2	27
453	Behavioral Effects of Cocaine Mediated by Nitric Oxide-GAPDH Transcriptional Signaling. <i>Neuron</i> , 2013, 78, 623-630.	3.8	27
454	Control of the circadian rhythm in serotonin content of the rat pineal gland. <i>Life Sciences</i> , 1964, 3, 1175-1179.	2.0	26
455	TRP_2, a Lipid/Trafficking Domain That Mediates Diacylglycerol-induced Vesicle Fusion. <i>Journal of Biological Chemistry</i> , 2008, 283, 34384-34392.	1.6	26
456	Noradrenaline: Kinetics of Accumulation into Slices from Different Regions of Rat Brain. <i>Nature</i> , 1968, 218, 174-176.	13.7	25
457	A Life of Neurotransmitters. <i>Annual Review of Pharmacology and Toxicology</i> , 2017, 57, 1-11.	4.2	25
458	Histone H2AX deficiency causes neurobehavioral deficits and impaired redox homeostasis. <i>Nature Communications</i> , 2018, 9, 1526.	5.8	25
459	Histone H2AX promotes neuronal health by controlling mitochondrial homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7471-7476.	3.3	25
460	Schizophrenia: neural mechanisms for novel therapies. <i>Molecular Medicine</i> , 2003, 9, 3-9.	1.9	25
461	A simple, sensitive and specific radioreceptor assay for $\hat{1}^2$ -adrenergic antagonist drugs. <i>Life Sciences</i> , 1978, 23, 2031-2037.	2.0	24
462	The Molecular Basis of Communication between Cells. <i>Scientific American</i> , 1985, 253, 132-141.	1.0	24
463	Inhibition of histamine methylation in vivo by drugs. <i>Biochemical Pharmacology</i> , 1964, 13, 536-537.	2.0	23
464	Differential labelling of $\hat{1}^{\pm}$ and $\hat{1}^2$ -noradrenergic receptors in calf cerebellum membranes with 3H-adrenaline. <i>Nature</i> , 1977, 270, 261-263.	13.7	23
465	Neurotransmitter receptor binding and drug discovery. <i>Journal of Medicinal Chemistry</i> , 1983, 26, 1667-1672.	2.9	23
466	Fresh factors to consider. <i>Nature</i> , 1991, 350, 195-196.	13.7	23
467	Molecularly cloned mammalian glucosamine-6-phosphate deaminase localizes to transporting epithelium and lacks oscillin activity. <i>FASEB Journal</i> , 1998, 12, 91-99.	0.2	23
468	Amphetamine isomers: Influences on locomotor and stereotyped behavior of cats. <i>Pharmacology Biochemistry and Behavior</i> , 1974, 2, 115-118.	1.3	22

#	ARTICLE	IF	CITATIONS
469	Characterization of [3H]Guanine Nucleotide Binding Sites in Brain Membranes. <i>Journal of Neurochemistry</i> , 1980, 35, 183-192.	2.1	22
470	The Odorant-Sensitive Adenylate Cyclase of Olfactory Receptor Cells.. <i>Annals of the New York Academy of Sciences</i> , 1987, 510, 623-626.	1.8	22
471	What dopamine does in the brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18869-18871.	3.3	21
472	L-Prolyl-L-leucyl-glycinamide (PLG): influences on locomotor and stereotyped behavior of cats. <i>Brain Research</i> , 1973, 63, 435-439.	1.1	20
473	Brain histamine alterations after hypothalamic isolation. <i>Brain Research</i> , 1974, 78, 144-151.	1.1	19
474	Muscarinic cholinergic receptor binding: Influence of pimozide and chlorpromazine metabolites. <i>Life Sciences</i> , 1976, 18, 685-691.	2.0	19
475	A fluorometric assay for angiotensin-converting enzyme activity. <i>Analytical Biochemistry</i> , 1984, 140, 293-302.	1.1	19
476	Circadian Rhythm of Patched1 Transcription in the Pineal Regulated by Adrenergic Stimulation and cAMP. <i>Journal of Biological Chemistry</i> , 1999, 274, 35012-35015.	1.6	19
477	Forty Years of Neurotransmitters. <i>Archives of General Psychiatry</i> , 2002, 59, 983.	13.8	19
478	AMPA receptor upregulation in the nucleus accumbens shell of cocaine-sensitized rats depends upon S-nitrosylation of stargazin. <i>Neuropharmacology</i> , 2014, 77, 28-38.	2.0	19
479	Multiple aspects of male germ cell development and interactions with Sertoli cells require inositol hexakisphosphate kinase-1. <i>Scientific Reports</i> , 2018, 8, 7039.	1.6	19
480	Serotonin sustains serenity. <i>Nature</i> , 2002, 416, 377-379.	13.7	18
481	Neurotransmitters, Receptors, and Second Messengers Galore in 40 Years. <i>Journal of Neuroscience</i> , 2009, 29, 12717-12721.	1.7	18
482	Metabolism of 2-C ¹⁴ -Labeled L-Histidine in Histidinemia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1963, 23, 595-597.	1.8	17
483	Regional differences in accumulation of tritium-labeled norepinephrine, 5-hydroxytryptamine and gamma-aminobutyric acid in brain slices of spider and rhesus monkey. <i>Brain Research</i> , 1969, 16, 469-477.	1.1	17
484	Clinical relevance of opiate receptor and opioid peptide research. <i>Nature</i> , 1979, 279, 13-14.	13.7	17
485	Testosterone prevents castration-induced reduction in peripheral benzodiazepine receptors in Cowper's gland and adrenal. <i>Brain Research</i> , 1992, 572, 72-75.	1.1	17
486	Seeking God in the Brain – Efforts to Localize Higher Brain Functions. <i>New England Journal of Medicine</i> , 2008, 358, 6-7.	13.9	17

#	ARTICLE	IF	CITATIONS
487	BVR-A Deficiency Leads to Autophagy Impairment through the Dysregulation of AMPK/mTOR Axis in the Brain—Implications for Neurodegeneration. <i>Antioxidants</i> , 2020, 9, 671.	2.2	17
488	Myelin Basic Protein Is an Endogenous Inhibitor of the High-Affinity Cannabinoid Binding Site in Brain. <i>Journal of Neurochemistry</i> , 1988, 50, 1170-1178.	2.1	16
489	Human Cortical Neuronal Cell Line (Hcn-1): Further in Vitro Characterization and Suitability for Brain Transplantation. <i>Cell Transplantation</i> , 1992, 1, 3-15.	1.2	16
490	Molecular rhythms in the pineal gland. <i>Current Opinion in Neurobiology</i> , 1998, 8, 648-651.	2.0	16
491	The inositol pyrophosphate 5-InsP ₇ drives sodium-potassium pump degradation by relieving an autoinhibitory domain of PI3K p85 \pm . <i>Science Advances</i> , 2020, 6, .	4.7	16
492	Ancient Origin of the New Developmental Superfamily DANGER. <i>PLoS ONE</i> , 2007, 2, e204.	1.1	16
493	A morphine-like factor in mammalian brain: Analgesic activity in rats. <i>Brain Research</i> , 1977, 136, 523-533.	1.1	15
494	Pharmacology: Virtuoso design of drugs. <i>Nature</i> , 1986, 323, 292-293.	13.7	15
495	Vessels vivified by Akt acting on NO synthase. <i>Nature Cell Biology</i> , 1999, 1, E95-E96.	4.6	15
496	Serotonin, cytokines, p11, and depression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8923-8924.	3.3	15
497	Brain d-amino acids: a novel class of neuromodulators. <i>Amino Acids</i> , 2012, 43, 1809-1810.	1.2	15
498	Cocaine-induced locomotor stimulation involves autophagic degradation of the dopamine transporter. <i>Molecular Psychiatry</i> , 2021, 26, 370-382.	4.1	15
499	Parkinson's disease: Clues to aetiology from a toxin. <i>Nature</i> , 1984, 311, 514-514.	13.7	14
500	Differential Effects of Amiodarone and Desethylamiodarone on Calcium Antagonist Receptors. <i>Journal of Cardiovascular Pharmacology</i> , 1990, 15, 501-507.	0.8	14
501	Gene transcription by p53 requires inositol polyphosphate multikinase as a co-activator. <i>Cell Cycle</i> , 2013, 12, 1819-1820.	1.3	14
502	Inositol Polyphosphate Multikinase Inhibits Angiogenesis via Inositol Pentakisphosphate-Induced HIF-1 \pm Degradation. <i>Circulation Research</i> , 2018, 122, 457-472.	2.0	14
503	Inositol hexakisphosphate kinase 3 promotes focal adhesion turnover via interactions with dynein intermediate chain 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3278-3287.	3.3	14
504	Inositol hexakisphosphate kinase-2 determines cellular energy dynamics by regulating creatine kinase-B. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	14

#	ARTICLE	IF	CITATIONS
505	Effect of intramuscular chlorpromazine on serum prolactin levels in schizophrenic patients and normal controls. <i>Psychiatry Research</i> , 1981, 5, 95-105.	1.7	13
506	Solubilization and anionic regulation of cerebral sedative/convulsant receptors labeled with [35S] tert-butylbicyclophosphorothionate (TBPS). <i>Biochemical and Biophysical Research Communications</i> , 1984, 120, 692-699.	1.0	13
507	New developments in brain chemistry: Catecholamine metabolism and the action of psychotropic drugs.. <i>American Journal of Orthopsychiatry</i> , 1967, 37, 864-879.	1.0	12
508	The Opiate Receptor. <i>Biochemical Society Transactions</i> , 1977, 5, 62-65.	1.6	12
509	Inositol Pyrophosphate Pyrotechnics. <i>Cell Metabolism</i> , 2007, 5, 321-323.	7.2	12
510	The nonselective cation channel TRPV4 inhibits angiotensin II receptors. <i>Journal of Biological Chemistry</i> , 2020, 295, 9986-9997.	1.6	12
511	Schizophrenia: A Critique of Recent Genetic-biochemical Formulations. <i>Nature</i> , 1965, 206, 1111-1112.	13.7	11
512	Formation of Methanol by an Enzyme in an Ectopic Pinealoma. <i>Nature</i> , 1967, 215, 773-774.	13.7	11
513	Altered free associations: Some cognitive effects of DOET (2, 5-dimethoxy-4-ethylamphetamine). <i>Systems Research and Behavioral Science</i> , 1970, 15, 297-303.	0.2	11
514	Turning off Neurotransmitters. <i>Cell</i> , 2006, 125, 13-15.	13.5	11
515	A complex in psychosis. <i>Nature</i> , 2008, 452, 38-39.	13.7	11
516	Inositol Hexakisphosphate Kinase-2 in Cerebellar Granule Cells Regulates Purkinje Cells and Motor Coordination via Protein 4.1N. <i>Journal of Neuroscience</i> , 2018, 38, 7409-7419.	1.7	11
517	Mammalian Dâ€cysteine: A novel regulator of neural progenitor cell proliferation. <i>BioEssays</i> , 2022, 44, e2200002.	1.2	11
518	Neurotransmitter Activity in the Brain Focus on the Opiate Receptor. <i>Interdisciplinary Science Reviews</i> , 1978, 3, 46-54.	1.0	10
519	Planning for serendipity. <i>Nature</i> , 1990, 346, 508-508.	13.7	10
520	Vehicles of inactivation. <i>Nature</i> , 1991, 354, 187-187.	13.7	10
521	Knockouts anxious for new therapy. <i>Nature</i> , 1997, 388, 624-624.	13.7	10
522	Noncatalytic functions of IPMK are essential for activation of autophagy and liver regeneration. <i>Autophagy</i> , 2019, 15, 1473-1474.	4.3	10

#	ARTICLE	IF	CITATIONS
523	AMINO ACIDS AS CENTRAL NERVOUS TRANSMITTERS: BIOCHEMICAL STUDIES. , 1973, 5, 131-157.		10
524	Inositol hexakisphosphate kinase-2 non-catalytically regulates mitophagy by attenuating PINK1 signaling. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2121946119.	3.3	10
525	Catecholamine binding to CNS adrenergic receptors. Journal of Supramolecular Structure, 1978, 9, 189-206.	2.3	9
526	Endorphins in Necrotizing Encephalomyelopathy. New England Journal of Medicine, 1980, 303, 934-935.	13.9	9
527	Brain receptors: the emergence of a new pharmacology. Trends in Neurosciences, 1986, 9, 455-459.	4.2	9
528	Nutrient amino acids signal to mTOR via inositol polyphosphate multikinase. Cell Cycle, 2011, 10, 1708-1710.	1.3	9
529	Developmental Alcohol Exposure Impairs Activity-Dependent Nitrosylation of NDEL1 for Neuronal Maturation. Cerebral Cortex, 2017, 27, 3918-3929.	1.6	9
530	Antidepressant Actions of Ketamine Mediated by the Mechanistic Target of Rapamycin, Nitric Oxide, and Rheb. Neurotherapeutics, 2017, 14, 728-733.	2.1	9
531	Cholinergic Mechanisms in Affective Disorders. New England Journal of Medicine, 1984, 311, 254-255.	13.9	8
532	A cure using brain transplants?. Nature, 1987, 326, 824-825.	13.7	8
533	Evidence for Subtypes of the γ -Conotoxin GVIA Receptor.. Annals of the New York Academy of Sciences, 1991, 635, 435-437.	1.8	8
534	[27] Purification, cloning, and expression of nitric-oxide synthase. Methods in Enzymology, 1994, 233, 264-269.	0.4	8
535	Physiologic roles for the heme oxygenase products carbon monoxide, bilirubin and iron: links to neuroprotection in stroke and Alzheimer's disease. Clinical Neuroscience Research, 2001, 1, 46-52.	0.8	8
536	The conversion of H ₂ S to sulfane sulfur: authors' response. Nature Reviews Molecular Cell Biology, 2012, 13, 803-803.	16.1	8
537	Measuring G-protein-coupled Receptor Signaling via Radio-labeled GTP Binding. Journal of Visualized Experiments, 2017, , .	0.2	8
538	Cystathionine β -lyase exacerbates Helicobacter pylori immunopathogenesis by promoting macrophage metabolic remodeling and activation. JCI Insight, 2022, 7, .	2.3	8
539	DOM (STP), A New Hallucinogenic Drug: Specific Perceptual Changes. The Journal of Clinical Pharmacology and New Drugs, 1971, 11, 103-111.	0.3	7
540	Diamine Oxidase Induces Neurite Outgrowth in Chick Dorsal Root Ganglia by a Nonenzymatic Mechanism. Journal of Neurochemistry, 2002, 70, 1323-1326.	2.1	7

#	ARTICLE	IF	CITATIONS
541	Inositol polyphosphate multikinase mediates extinction of fear memory. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2707-2712.	3.3	7
542	Designed PKC-targeting bryostatin analogs modulate innate immunity and neuroinflammation. Cell Chemical Biology, 2021, 28, 537-545.e4.	2.5	7
543	Nerve Growth in Neurofibromatosis. New England Journal of Medicine, 1974, 290, 626-627.	13.9	6
544	Macromolecular naloxone: A novel long-acting polymer-bound drug. Life Sciences, 1976, 18, 977-981.	2.0	6
545	NO release for good measure. Nature, 1992, 358, 623-623.	13.7	6
546	Adrenal mitochondrial benzodiazepine receptors are sensitive to agents active at the dopamine receptor. Biochemical Pharmacology, 1993, 45, 999-1002.	2.0	6
547	[258] Determination of tissue histamine by an enzymatic isotopic assay. Methods in Enzymology, 1971, 17, 838-841.	0.4	5
548	Receptor channel alterations in disease: many clues, few causes. FASEB Journal, 1990, 4, 2707-2708.	0.2	5
549	Drugs for a new millennium. Philosophical Transactions of the Royal Society B: Biological Sciences, 1999, 354, 1985-1994.	1.8	5
550	No glial death with NO. Nature Cell Biology, 2004, 6, 17-18.	4.6	5
551	Robert Furchgott (1916–2009). Nature, 2009, 460, 47-47.	13.7	5
552	Opiate Receptor Revisited. Anesthesiology, 2007, 107, 659-651.	1.3	5
553	Dopamine and Schizophrenia. Psychiatric Annals, 1976, 6, 53-66.	0.1	5
554	Correlation between Psychotropic Potency of Psychotomimetic Methoxyamphetamines and their Inhibition of 3H-Normetanephrine Uptake in Rat Cerebral Cortex. Nature, 1971, 229, 264-266.	13.7	4
555	Julius Axelrod (1912–2004). Nature, 2005, 433, 593-593.	13.7	4
556	Neuroscience at Johns Hopkins. Neuron, 2005, 48, 201-211.	3.8	4
557	Commentary on: Psilocybin can occasion mystical-type experiences having substantial and sustained personal meaning and spiritual significance by Griffiths et al.. Psychopharmacology, 2006, 187, 287-288.	1.5	4
558	Inositol pyrophosphates in cell death and life. Cell Cycle, 2011, 10, 568-570.	1.3	4

#	ARTICLE	IF	CITATIONS
559	Biliverdin reductase bridges focal adhesion kinase to Src to modulate synaptic signaling. <i>Science Signaling</i> , 2022, 15, eabh3066.	1.6	4
560	Regional differences in [³ H]noradrenaline accumulation in monkey brain (<i>Macaca irus</i>). <i>Brain Research</i> , 1968, 11, 263-267.	1.1	3
561	Histamine and Serotonin Metabolism Following Massive Small Bowel Resection. <i>Annals of Surgery</i> , 1972, 175, 260-267.	2.1	3
562	Opiate and benzodiazepine receptors. <i>Psychosomatics</i> , 1981, 22, 986-989.	2.5	3
563	Enkephalin convertase: characterization and localization using [³ H]guanidinoethylmercaptosuccinic acid. <i>Biochimie</i> , 1988, 70, 57-64.	1.3	3
564	NEUROSCIENCE: Adam Finds an Exciting Mate. <i>Science</i> , 2006, 313, 1744-1745.	6.0	3
565	Brain Enzymes as Receptors: Angiotensin-converting Enzyme and Enkephalin Convertase. <i>Annals of the New York Academy of Sciences</i> , 1986, 463, 21-30.	1.8	2
566	High-Affinity Cannabinoid Binding Site: Regulation by Ions, Ascorbic Acid, and Nucleotides. <i>Journal of Neurochemistry</i> , 1989, 52, 1892-1897.	2.1	2
567	Perovskite Temperature Profile. <i>Science</i> , 1994, 265, 723-723.	6.0	2
568	Platelet Peripheral-Type Benzodiazepine in Pregnancy and Lactation. <i>Neuropsychopharmacology</i> , 1999, 21, 513-518.	2.8	2
569	Viral Protease Assay Based on GAL4 Inactivation Is Applicable to High-Throughput Screening in Mammalian Cells. <i>Analytical Biochemistry</i> , 1999, 269, 133-138.	1.1	2
570	Discovering Light Effects on the Brain. <i>American Journal of Psychiatry</i> , 2006, 163, 771-771.	4.0	2
571	Molecules of Madness. <i>Cell</i> , 2009, 139, 1212-1215.	13.5	2
572	Mind Molecules. <i>Journal of Biological Chemistry</i> , 2011, 286, 21023-21032.	1.6	2
573	Ease restrictions on U.S. blood donations. <i>Science</i> , 2020, 368, 957-957.	6.0	2
574	Quantitative measurement of reactive oxygen species in ex vivo mouse brain slices. <i>STAR Protocols</i> , 2021, 2, 100332.	0.5	2
575	Differential cellular expression of isoforms of inositol 1,4,5-triphosphate receptors in neurons and glia in brain. , 1999, 406, 207.		2
576	A high-affinity cocaine binding site associated with the brain acid soluble protein 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2200545119.	3.3	2

#	ARTICLE	IF	CITATIONS
577	Unique historical serendipity: reply. Nature, 1990, 348, 117-117.	13.7	1
578	Vernon B. Mountcastle 1918â€“2015. Nature Neuroscience, 2015, 18, 318-318.	7.1	1
579	Catecholamines in schizophrenia. Life Sciences, 1973, 13, cxlviii-cxlix.	2.0	0
580	Hydrogen sulfide mediates catecholamine secretion elicited by hypoxia in the carotid body. FASEB Journal, 2012, 26, 897.8.	0.2	0
581	<i>Response</i> : Nitric Oxide Toxicity and Poly(ADP-Ribose)Polymerase. Science, 1994, 265, 723-723.	6.0	0
582	Inositol hexakisphosphate kinaseâ€“2 in cerebellar granule cells acts through protein 4.1N to regulate Purkinje cell morphology and motor coordination. FASEB Journal, 2018, 32, 533.87.	0.2	0
583	The role of bilirubin and heme metabolism in neuronal stress signaling. FASEB Journal, 2020, 34, 1-1.	0.2	0
584	Role of Inositol Hexakisphosphate Kinaseâ€“2 (IP6K2) in regulating mitochondrial brain functions. FASEB Journal, 2020, 34, 1-1.	0.2	0
585	Julius Axelrod. Proceedings of the American Philosophical Society, 2007, 151, 81-90.	0.5	0