

# Jochen Klein

## List of Publications by Citations

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134  
papers

4,568  
citations

37  
h-index

61  
g-index

137  
ext. papers

5,005  
ext. citations

4.9  
avg, IF

5.39  
L-index

#	Paper	IF	Citations
134	Intestinal ischaemia during cardiac arrest and resuscitation: comparative analysis of extracellular metabolites by microdialysis. <i>Resuscitation</i> , <b>2003</b> , 58, 209-17	4	562
133	Membrane breakdown in acute and chronic neurodegeneration: focus on choline-containing phospholipids. <i>Journal of Neural Transmission</i> , <b>2000</b> , 107, 1027-63	4.3	246
132	Bitter triggers acetylcholine release from polymodal urethral chemosensory cells and bladder reflexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 8287-92	11.5	111
131	Glycerophosphocholine is elevated in cerebrospinal fluid of Alzheimer patients. <i>Neurobiology of Aging</i> , <b>2004</b> , 25, 1299-303	5.6	109
130	Excessive hippocampal acetylcholine levels in acetylcholinesterase-deficient mice are moderated by butyrylcholinesterase activity. <i>Journal of Neurochemistry</i> , <b>2007</b> , 100, 1421-9	6	108
129	Free choline and choline metabolites in rat brain and body fluids: sensitive determination and implications for choline supply to the brain. <i>Neurochemistry International</i> , <b>1993</b> , 22, 293-300	4.4	104
128	Role of phospholipase D activation in nervous system physiology and pathophysiology. <i>Journal of Neurochemistry</i> , <b>1995</b> , 65, 1445-55	6	86
127	Functions and pathophysiological roles of phospholipase D in the brain. <i>Journal of Neurochemistry</i> , <b>2005</b> , 94, 1473-87	6	86
126	Metabolism of boswellic acids in vitro and in vivo. <i>Drug Metabolism and Disposition</i> , <b>2008</b> , 36, 1135-42	4	85
125	Bilobalide, a constituent of Ginkgo biloba, inhibits NMDA-induced phospholipase A2 activation and phospholipid breakdown in rat hippocampus. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>1999</b> , 360, 609-15	3.4	84
124	Uptake and metabolism of choline by rat brain after acute choline administration. <i>Journal of Neurochemistry</i> , <b>1992</b> , 58, 870-6	6	84
123	ADP-ribosylation factor-dependent phospholipase D2 activation is required for agonist-induced mu-opioid receptor endocytosis. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 9979-85	5.4	83
122	Phospholipid breakdown and choline release under hypoxic conditions: inhibition by bilobalide, a constituent of Ginkgo biloba. <i>Brain Research</i> , <b>1997</b> , 755, 347-50	3.7	80
121	Glucose plus choline improve passive avoidance behaviour and increase hippocampal acetylcholine release in mice. <i>Neuroscience</i> , <b>2001</b> , 103, 365-71	3.9	77
120	NGP1-01, a lipophilic polycyclic cage amine, is neuroprotective in focal ischemia. <i>Neuroscience Letters</i> , <b>2005</b> , 383, 49-53	3.3	69
119	Potassium regulates IL-1 beta processing via calcium-independent phospholipase A2. <i>Journal of Immunology</i> , <b>2000</b> , 164, 5120-4	5.3	69
118	Bilobalide prevents ischemia-induced edema formation in vitro and in vivo. <i>Neuroscience</i> , <b>2007</b> , 144, 217-23	3.2	68

117	Compensatory mechanisms enhance hippocampal acetylcholine release in transgenic mice expressing human acetylcholinesterase. <i>Journal of Neurochemistry</i> , <b>2001</b> , 77, 638-46	6	65
116	Small rises in plasma choline reverse the negative arteriovenous difference of brain choline. <i>Journal of Neurochemistry</i> , <b>1990</b> , 55, 1231-6	6	63
115	Nicotine exacerbates brain edema during in vitro and in vivo focal ischemic conditions. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2010</b> , 332, 371-9	4.7	60
114	Phosphocholine-Modified Macromolecules and Canonical Nicotinic Agonists Inhibit ATP-Induced IL-1 $\beta$ Release. <i>Journal of Immunology</i> , <b>2015</b> , 195, 2325-34	5.3	58
113	Ontogenetic and pharmacological studies on metabotropic glutamate receptors coupled to phospholipase D activation. <i>Neuropharmacology</i> , <b>1997</b> , 36, 305-11	5.5	54
112	Ethanol inhibits astroglial cell proliferation by disruption of phospholipase D-mediated signaling. <i>Journal of Neurochemistry</i> , <b>1999</b> , 73, 2517-23	6	54
111	Glutamate activates phospholipase D in hippocampal slices of newborn and adult rats. <i>Journal of Neurochemistry</i> , <b>1993</b> , 61, 1569-72	6	51
110	Lactate levels in the brain are elevated upon exposure to volatile anesthetics: a microdialysis study. <i>Neurochemistry International</i> , <b>2010</b> , 57, 940-7	4.4	49
109	In vivo brain microdialysis: advances in neuropsychopharmacology and drug discovery. <i>Expert Opinion on Drug Discovery</i> , <b>2011</b> , 6, 109-127	6.2	49
108	Stimulatory and inhibitory effects of ethanol on hippocampal acetylcholine release. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>1998</b> , 357, 640-7	3.4	49
107	NMDA receptor-antagonistic properties of hyperforin, a constituent of St. John's Wort. <i>Journal of Pharmacological Sciences</i> , <b>2006</b> , 102, 47-54	3.7	49
106	Metabolic and transmitter changes in core and penumbra after middle cerebral artery occlusion in mice. <i>Brain Research</i> , <b>2010</b> , 1312, 101-7	3.7	48
105	Phenserine. <i>Expert Opinion on Investigational Drugs</i> , <b>2007</b> , 16, 1087-97	5.9	48
104	Tourniquet-induced changes of energy metabolism in human skeletal muscle monitored by microdialysis. <i>Anesthesiology</i> , <b>2000</b> , 93, 1407-12	4.3	48
103	Regulation of free choline in rat brain: dietary and pharmacological manipulations. <i>Neurochemistry International</i> , <b>1998</b> , 32, 479-85	4.4	46
102	Quantitative determination of acetylcholine and choline in microdialysis samples by MALDI-TOF MS. <i>Analytical Chemistry</i> , <b>2010</b> , 82, 922-9	7.8	45
101	Neuroprotection in mice by NGP1-01 after transient focal brain ischemia. <i>Brain Research</i> , <b>2008</b> , 1196, 113-20	3.7	43
100	Dual modulation of striatal acetylcholine release by hyperforin, a constituent of St. John's wort. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2002</b> , 301, 714-9	4.7	43

99	Role of GABAergic antagonism in the neuroprotective effects of bilobalide. <i>Brain Research</i> , <b>2007</b> , 1128, 70-8	3-7	41
98	Ginkgo extract EGb761 confers neuroprotection by reduction of glutamate release in ischemic brain. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , <b>2012</b> , 15, 94-102	3-4	38
97	Blood gases and energy metabolites in mouse blood before and after cerebral ischemia: the effects of anesthetics. <i>Experimental Biology and Medicine</i> , <b>2013</b> , 238, 84-9	3-7	37
96	Effects of rivastigmine and donepezil on brain acetylcholine levels in acetylcholinesterase-deficient mice. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , <b>2009</b> , 12, 79-85	3-4	36
95	Central cholinergic functions in human amyloid precursor protein knock-in/presenilin-1 transgenic mice. <i>Neuroscience</i> , <b>2004</b> , 125, 1009-17	3-9	36
94	Staphylococcal alpha-toxin: repair of a calcium-impermeable pore in the target cell membrane. <i>Molecular Microbiology</i> , <b>2000</b> , 36, 467-76	4-1	36
93	Dynamics of hippocampal acetylcholine release during lithium-pilocarpine-induced status epilepticus in rats. <i>Journal of Neurochemistry</i> , <b>2014</b> , 131, 42-52	6	35
92	Neuroprotective effects of lactate in brain ischemia: dependence on anesthetic drugs. <i>Neurochemistry International</i> , <b>2013</b> , 62, 251-7	4-4	35
91	NGP1-01 is a brain-permeable dual blocker of neuronal voltage- and ligand-operated calcium channels. <i>Neurochemical Research</i> , <b>2006</b> , 31, 395-9	4-6	34
90	Uptake and storage of choline by rat brain: influence of dietary choline supplementation. <i>Journal of Neurochemistry</i> , <b>1991</b> , 57, 370-5	6	33
89	The cholinergic system in rat testis is of non-neuronal origin. <i>Reproduction</i> , <b>2011</b> , 142, 157-66	3-8	32
88	Neuroprotective effects of bilobalide are accompanied by a reduction of ischemia-induced glutamate release in vivo. <i>Brain Research</i> , <b>2011</b> , 1425, 155-63	3-7	30
87	KA-672 inhibits rat brain acetylcholinesterase in vitro but not in vivo. <i>Neuroscience Letters</i> , <b>1999</b> , 263, 193-6	3-3	29
86	Release of choline from rat brain under hypoxia: contribution from phospholipase A2 but not from phospholipase D. <i>Brain Research</i> , <b>1993</b> , 630, 337-40	3-7	29
85	Impaired brain development and reduced cognitive function in phospholipase D-deficient mice. <i>Neuroscience Letters</i> , <b>2014</b> , 572, 48-52	3-3	28
84	Uptake of lithium into rat brain after acute and chronic administration. <i>Neuroscience Letters</i> , <b>2012</b> , 521, 62-6	3-3	28
83	Chemosensory Cell-Derived Acetylcholine Drives Tracheal Mucociliary Clearance in Response to Virulence-Associated Formyl Peptides. <i>Immunity</i> , <b>2020</b> , 52, 683-699.e11	32-3	28
82	Reduced severity of ischemic stroke and improvement of mitochondrial function after dietary treatment with the anaplerotic substance triheptanoin. <i>Neuroscience</i> , <b>2015</b> , 300, 201-9	3-9	26

81	The ketogenic diet changes metabolite levels in hippocampal extracellular fluid. <i>Neurochemistry International</i> , <b>2011</b> , 58, 5-8	4.4	26
80	Choline, a precursor of acetylcholine and phospholipids in the brain. <i>Progress in Brain Research</i> , <b>1993</b> , 98, 197-200	2.9	26
79	Role of glycine receptors and glycine release for the neuroprotective activity of bilobalide. <i>Brain Research</i> , <b>2008</b> , 1201, 143-50	3.7	25
78	Cross-talk between phosphatidic acid and ceramide during ethanol-induced apoptosis in astrocytes. <i>BMC Pharmacology</i> , <b>2005</b> , 5, 3		25
77	Stimulation of hippocampal acetylcholine release by hyperforin, a constituent of St. John's Wort. <i>Neuroscience Letters</i> , <b>2004</b> , 364, 195-8	3.3	24
76	Adrenergic modulation of astroglial phospholipase D activity and cell proliferation. <i>Brain Research</i> , <b>1999</b> , 830, 138-45	3.7	24
75	Effects of Ginkgo biloba Extract EGb 761, Donepezil and their Combination on Central Cholinergic Function in Aged Rats. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , <b>2015</b> , 18, 634-46	3.4	23
74	Choline availability and acetylcholine synthesis in the hippocampus of acetylcholinesterase-deficient mice. <i>Neurochemistry International</i> , <b>2008</b> , 52, 972-8	4.4	23
73	Near-complete adaptation of the PRiMA knockout to the lack of central acetylcholinesterase. <i>Journal of Neurochemistry</i> , <b>2012</b> , 122, 1065-80	6	22
72	Integrative Transcriptomics Reveals Sexually Dimorphic Control of the Cholinergic/Neurokinin Interface in Schizophrenia and Bipolar Disorder. <i>Cell Reports</i> , <b>2019</b> , 29, 764-777.e5	10.6	21
71	Choline acetyltransferase and organic cation transporters are responsible for synthesis and propionate-induced release of acetylcholine in colon epithelium. <i>European Journal of Pharmacology</i> , <b>2014</b> , 733, 23-33	5.3	21
70	Mice heterozygous for AChE are more sensitive to AChE inhibitors but do not respond to BuChE inhibition. <i>Neuropharmacology</i> , <b>2013</b> , 67, 37-45	5.5	21
69	Acute depression of energy metabolism after microdialysis probe implantation is distinct from ischemia-induced changes in mouse brain. <i>Neurochemical Research</i> , <b>2011</b> , 36, 109-16	4.6	21
68	Intravenous Treatment with a Long-Chain Omega-3 Lipid Emulsion Provides Neuroprotection in a Murine Model of Ischemic Stroke - A Pilot Study. <i>PLoS ONE</i> , <b>2016</b> , 11, e0167329	3.7	21
67	Alpha-1 Antitrypsin Inhibits ATP-Mediated Release of Interleukin-1 $\beta$ and Nicotinic Acetylcholine Receptors. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 877	8.4	20
66	Neurodegeneration after transient brain ischemia in aged mice: beneficial effects of bilobalide. <i>Brain Research</i> , <b>2013</b> , 1529, 178-87	3.7	20
65	NMDA-induced acetylcholine release in mouse striatum: role of NO synthase isoforms. <i>Journal of Neurochemistry</i> , <b>2002</b> , 82, 1558-60	6	19
64	Extracellular levels of ATP and acetylcholine during lithium-pilocarpine induced status epilepticus in rats. <i>Neuroscience Letters</i> , <b>2016</b> , 611, 69-73	3.3	18

63	Early metabolic responses to lithium/pilocarpine-induced status epilepticus in rat brain. <i>Journal of Neurochemistry</i> , <b>2015</b> , 135, 1007-18	6	18
62	Modulation of hippocampal acetylcholine release after fimbria-fornix lesions and septal transplantaion in rats. <i>Neuroscience Letters</i> , <b>1997</b> , 231, 5-8	3.3	18
61	Microdialysis and its use in behavioural studies: Focus on acetylcholine. <i>Journal of Neuroscience Methods</i> , <b>2018</b> , 300, 206-215	3	17
60	Dihydrodiol dehydrogenase activities of rabbit liver are associated with hydroxysteroid dehydrogenases and aldo-keto reductases. <i>FEBS Journal</i> , <b>1992</b> , 205, 1155-62		17
59	Regulation of phospholipase D activity in synaptosomes permeabilized with Staphylococcus aureus alpha-toxin. <i>FEBS Letters</i> , <b>1998</b> , 440, 287-90	3.8	16
58	Mitogenic effects of phospholipase D and phosphatidic acid in transiently permeabilized astrocytes: effects of ethanol. <i>Journal of Neurochemistry</i> , <b>2003</b> , 87, 95-100	6	16
57	Enhancement of brain choline levels by nicotinamide: mechanism of action. <i>Neuroscience Letters</i> , <b>1998</b> , 249, 111-4	3.3	15
56	A homeostatic mechanism counteracting K(+) -evoked choline release in adult brain. <i>Journal of Neurochemistry</i> , <b>2002</b> , 80, 843-9	6	15
55	Glutamatergic activation of hippocampal phospholipase D: postnatal fading and receptor desensitization. <i>Journal of Neurochemistry</i> , <b>1998</b> , 70, 1679-85	6	15
54	Serotonergic modulation of hippocampal acetylcholine release after long-term neuronal grafting. <i>NeuroReport</i> , <b>2000</b> , 11, 3063-5	1.7	15
53	Inhibition of astroglial cell proliferation by alcohols: interference with the protein kinase C-phospholipase D signaling pathway. <i>International Journal of Developmental Neuroscience</i> , <b>2000</b> , 18, 825-31	2.7	15
52	Modulation of neuronal phospholipase D activity under depolarizing conditions. <i>FEBS Letters</i> , <b>1999</b> , 464, 21-4	3.8	15
51	Effects of nicotinamide on central cholinergic transmission and on spatial learning in rats. <i>Pharmacology Biochemistry and Behavior</i> , <b>1996</b> , 53, 783-90	3.9	15
50	Quinone reduction and redox cycling catalysed by purified rat liver dihydrodiol/3 alpha-hydroxysteroid dehydrogenase. <i>Biochemical Pharmacology</i> , <b>1992</b> , 44, 341-9	6	15
49	Pathophysiological amyloid concentrations induce sustained upregulation of readthrough acetylcholinesterase mediating anti-apoptotic effects. <i>Neuroscience</i> , <b>2013</b> , 240, 349-60	3.9	14
48	Neurotransmitters and energy metabolites in amyloid-bearing APP(SWE)xPSEN1dE9 Mouse Brain. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2010</b> , 332, 364-70	4.7	14
47	Activation of phospholipases C and D by the novel metabotropic glutamate receptor agonist tADA. <i>Neuropharmacology</i> , <b>1997</b> , 36, 261-3	5.5	14
46	Adrenergic activation of phospholipase D in primary rat astrocytes. <i>Neuroscience Letters</i> , <b>1996</b> , 219, 53-63	3.3	14

45	Commonalities and differences in extracellular levels of hippocampal acetylcholine and amino acid neurotransmitters during status epilepticus and subsequent epileptogenesis in two rat models of temporal lobe epilepsy. <i>Brain Research</i> , <b>2019</b> , 1712, 109-123	3.7	13
44	Phospholipase D is a target for inhibition of astroglial proliferation by ethanol. <i>Neuropharmacology</i> , <b>2014</b> , 79, 1-9	5.5	13
43	Brain permeability of bilobalide as probed by microdialysis before and after middle cerebral artery occlusion in mice. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , <b>2010</b> , 13, 607-14	3.4	13
42	Effects of chloride flux modulators in an in vitro model of brain edema formation. <i>Brain Research</i> , <b>2006</b> , 1122, 222-9	3.7	13
41	Activation of astroglial phospholipase D activity by phorbol ester involves ARF and Rho proteins. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2000</b> , 1485, 153-62	5	13
40	Phospholipase C and phospholipase D are independently activated in rat hippocampal slices. <i>Biochemical Pharmacology</i> , <b>1994</b> , 47, 411-4	6	12
39	Cholinergic activation of the murine trachealis muscle via non-vesicular acetylcholine release involving low-affinity choline transporters. <i>International Immunopharmacology</i> , <b>2015</b> , 29, 173-80	5.8	11
38	Role of phospholipases D1 and 2 in astroglial proliferation: effects of specific inhibitors and genetic deletion. <i>European Journal of Pharmacology</i> , <b>2015</b> , 761, 398-404	5.3	11
37	Transfer RNA fragments replace microRNA regulators of the cholinergic poststroke immune blockade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 32606-32616	11.5	10
36	Self-built microdialysis probes with improved recoveries of ATP and neuropeptides. <i>Journal of Neuroscience Methods</i> , <b>2014</b> , 237, 1-8	3	10
35	Stability of phospholipase D in primary astrocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 297, 545-51	3.4	9
34	Formation of N-methylnicotinamide in the brain from a dihydropyridine-type prodrug: effect on brain choline. <i>Biochemical Pharmacology</i> , <b>1999</b> , 57, 681-4	6	9
33	Muscarinic activation of phosphatidylcholine hydrolysis. <i>Progress in Brain Research</i> , <b>1996</b> , 109, 201-8	2.9	8
32	Regiospecific oxidation of polycyclic aromatic dihydrodiols by rat liver dihydrodiol dehydrogenase. <i>Chemico-Biological Interactions</i> , <b>1991</b> , 79, 287-303	5	8
31	The oxidation of the highly tumorigenic benz[a]anthracene 3,4-dihydrodiol by rat liver dihydrodiol dehydrogenase. <i>Chemico-Biological Interactions</i> , <b>1990</b> , 76, 211-26	5	8
30	Hepatic Ketogenesis Induced by Middle Cerebral Artery Occlusion in Mice. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	7
29	Dysfunctional Presynaptic M2 Receptors in the Presence of Chronically High Acetylcholine Levels: Data from the PRIMA Knockout Mouse. <i>PLoS ONE</i> , <b>2015</b> , 10, e0141136	3.7	7
28	Mechanisms of Anticholinesterase Interference with Tau Aggregation Inhibitor Activity in a Tau-Transgenic Mouse Model. <i>Current Alzheimer Research</i> , <b>2020</b> , 17, 285-296	3	7

27	Detection and site localization of phosphorylcholine-modified peptides by NanoLC-ESI-MS/MS using precursor ion scanning and multiple reaction monitoring experiments. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2015</b> , 26, 460-71	3.5	6
26	Pharmacokinetic properties of MH84, a ßsecretase modulator with PPARβagonistic activity. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2015</b> , 102, 417-24	3.5	6
25	Effect of M3 muscarinic acetylcholine receptor deficiency on collagen antibody-induced arthritis. <i>Arthritis Research and Therapy</i> , <b>2016</b> , 18, 17	5.7	6
24	The Eukaryotic Elongation Factor 1 Alpha (eEF1α) from the Parasite <i>Leishmania infantum</i> Is Modified with the Immunomodulatory Substituent Phosphorylcholine (PC). <i>Molecules</i> , <b>2017</b> , 22,	4.8	6
23	New Pathways for the Skin's Stress Response: The Cholinergic Neuropeptide SLURP-1 Can Activate Mast Cells and Alter Cytokine Production in Mice. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 631881	8.4	6
22	Custom-made Microdialysis Probe Design. <i>Journal of Visualized Experiments</i> , <b>2015</b> , e53048	1.6	5
21	Protective effect of menhaden oil on renal necrosis occurring in weanling rats fed a methyl-deficient diet. <i>Nutrition Research</i> , <b>2002</b> , 22, 1077-1089	4	5
20	Increased Cholinergic Response in ßsynuclein Transgenic Mice (h-ßsynL62). <i>ACS Chemical Neuroscience</i> , <b>2019</b> , 10, 1915-1922	5.7	5
19	Nitroergic modulation of hippocampal acetylcholine release is independent of endothelial NO synthase activity. <i>Neurochemical Research</i> , <b>2003</b> , 28, 587-91	4.6	4
18	Effects of norepinephrine and cardiotrophin-1 on phospholipase D activity and incorporation of myristic acid into phosphatidylcholine in rat heart. <i>Journal of Pharmacological Sciences</i> , <b>2004</b> , 95, 335-40	3.7	4
17	Impaired hippocampal and thalamic acetylcholine release in P301L tau-transgenic mice. <i>Brain Research Bulletin</i> , <b>2019</b> , 152, 134-142	3.9	3
16	Effects of Three Anti-Seizure Drugs on Cholinergic and Metabolic Activity in Experimental Status Epilepticus. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , <b>2019</b> , 22, 340-351	3.4	3
15	Effects of septal grafts on acetylcholine release from rat hippocampus after 192 IgG-saporin lesion. <i>Neurochemical Research</i> , <b>2003</b> , 28, 467-72	4.6	3
14	Breakdown of choline-containing phospholipids in rat brain during severe weight loss. <i>Neuroscience Letters</i> , <b>2002</b> , 326, 21-4	3.3	3
13	Precursors: choline and glucose <b>2006</b> , 75-84		3
12	Central cholinergic function and metabolic changes in streptozotocin-induced rat brain injury. <i>Journal of Neurochemistry</i> , <b>2021</b> , 158, 1307-1319	6	3
11	Fluorovinylsulfones and -Sulfonates as Potent Covalent Reversible Inhibitors of the Trypanosomal Cysteine Protease Rhodesain: Structure-Activity Relationship, Inhibition Mechanism, Metabolism, and In Vivo Studies. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 12322-12358	8.3	3
10	Food-Induced Increase of Acetylcholine in Mouse Hypothalamus. <i>ACS Chemical Neuroscience</i> , <b>2019</b> , 10, 1892-1899	5.7	2



9	Regiospecific reduction of polycyclic aromatic quinones by rabbit liver dihydrodiol dehydrogenases. <i>Chemico-Biological Interactions</i> , <b>1994</b> , 90, 157-68	5	2
8	Ethanol Impairs Phospholipase D Signaling in Astrocytes <b>2016</b> , 325-335		2
7	Cholinergic and metabolic effects of metformin in mouse brain. <i>Brain Research Bulletin</i> , <b>2021</b> , 170, 211-217	2.7	2
6	Cysteinyl leukotrienes and acetylcholine are biliary tuft cell cotransmitters.. <i>Science Immunology</i> , <b>2022</b> , 7, eabf6734	28	1
5	Establishing Human Male and Female Models of Cholinergic Neurons via Neurokinin-Mediated Differentiation of LA-N-2 and LA-N-5 Neuroblastoma Cells. <i>STAR Protocols</i> , <b>2020</b> , 1, 100193	1.4	0
4	Phospholipase D: A Central Switch in the Development of Fetal Alcohol Spectrum Disorder <b>2016</b> , 488-499		
3	How is the brain protected against excess choline concentrations? <b>2004</b> , 395-398		
2	Conditions for a precursor control of acetylcholine release in mouse hippocampus <b>2004</b> , 399-404		
1	Microdialysis for chronic exertional compartment syndrome: a pilot study. <i>BMC Sports Science, Medicine and Rehabilitation</i> , <b>2021</b> , 13, 21	2.4	