

# Jochen Klein

## List of Publications by Year in Descending Order

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

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	Cysteinyl leukotrienes and acetylcholine are biliary tuft cell cotransmitters.. <i>Science Immunology</i> , <b>2022</b> , 7, eabf6734	28	1
133	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
132	Microdialysis for chronic exertional compartment syndrome: a pilot study. <i>BMC Sports Science, Medicine and Rehabilitation</i> , <b>2021</b> , 13, 21	2.4	
131	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
130	Cholinergic and metabolic effects of metformin in mouse brain. <i>Brain Research Bulletin</i> , <b>2021</b> , 170, 211-237	3.7	2
129	Fluorovinylsulfones and -Sulfonates as Potent Covalent Reversible Inhibitors of the Trypanosomal Cysteine Protease Rhodospain: 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
128	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
127	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
126	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
125	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
124	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
123	Food-Induced Increase of Acetylcholine in Mouse Hypothalamus. <i>ACS Chemical Neuroscience</i> , <b>2019</b> , 10, 1892-1899	5.7	2
122	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
121	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
120	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
119	Increased Cholinergic Response in hEynuclein Transgenic Mice (h-EynL62). <i>ACS Chemical Neuroscience</i> , <b>2019</b> , 10, 1915-1922	5.7	5
118	Microdialysis and its use in behavioural studies: Focus on acetylcholine. <i>Journal of Neuroscience Methods</i> , <b>2018</b> , 300, 206-215	3	17

117	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
116	Hepatic Ketogenesis Induced by Middle Cerebral Artery Occlusion in Mice. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	7
115	The Eukaryotic Elongation Factor 1 Alpha (eEF1 $\alpha$ ) 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
114	Phospholipase D: A Central Switch in the Development of Fetal Alcohol Spectrum Disorder <b>2016</b> , 488-499		
113	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
112	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
111	Ethanol Impairs Phospholipase D Signaling in Astrocytes <b>2016</b> , 325-335		2
110	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
109	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
108	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
107	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
106	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
105	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
104	Pharmacokinetic properties of MH84, a $\beta$ -secretase modulator with PPAR $\gamma$ agonistic activity. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2015</b> , 102, 417-24	3.5	6
103	Custom-made Microdialysis Probe Design. <i>Journal of Visualized Experiments</i> , <b>2015</b> , e53048	1.6	5
102	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
101	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
100	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

99	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
98	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
97	Phospholipase D is a target for inhibition of astroglial proliferation by ethanol. <i>Neuropharmacology</i> , <b>2014</b> , 79, 1-9	5.5	13
96	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
95	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
94	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, 8287-8292	11.5	111
93	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
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	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
90	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
89	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
88	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
87	Uptake of lithium into rat brain after acute and chronic administration. <i>Neuroscience Letters</i> , <b>2012</b> , 521, 62-6	3.3	28
86	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
85	The ketogenic diet changes metabolite levels in hippocampal extracellular fluid. <i>Neurochemistry International</i> , <b>2011</b> , 58, 5-8	4.4	26
84	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
83	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
82	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

81	The cholinergic system in rat testis is of non-neuronal origin. <i>Reproduction</i> , <b>2011</b> , 142, 157-66	3.8	32
80	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
79	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
78	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
77	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
76	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
75	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
74	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
73	Neuroprotection in mice by NGP1-01 after transient focal brain ischemia. <i>Brain Research</i> , <b>2008</b> , 1196, 113-20	3.7	43
72	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
71	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
70	Metabolism of boswellic acids in vitro and in vivo. <i>Drug Metabolism and Disposition</i> , <b>2008</b> , 36, 1135-42	4	85
69	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
68	Role of GABAergic antagonism in the neuroprotective effects of bilobalide. <i>Brain Research</i> , <b>2007</b> , 1128, 70-8	3.7	41
67	Phenserine. <i>Expert Opinion on Investigational Drugs</i> , <b>2007</b> , 16, 1087-97	5.9	48
66	Bilobalide prevents ischemia-induced edema formation in vitro and in vivo. <i>Neuroscience</i> , <b>2007</b> , 144, 217-23	3.7	68
65	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
64	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

63	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
62	Precursors: choline and glucose <b>2006</b> , 75-84		3
61	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
60	Functions and pathophysiological roles of phospholipase D in the brain. <i>Journal of Neurochemistry</i> , <b>2005</b> , 94, 1473-87	6	86
59	Cross-talk between phosphatidic acid and ceramide during ethanol-induced apoptosis in astrocytes. <i>BMC Pharmacology</i> , <b>2005</b> , 5, 3		25
58	Glycerophosphocholine is elevated in cerebrospinal fluid of Alzheimer patients. <i>Neurobiology of Aging</i> , <b>2004</b> , 25, 1299-303	5.6	109
57	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
56	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
55	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
54	How is the brain protected against excess choline concentrations? <b>2004</b> , 395-398		
53	Conditions for a precursor control of acetylcholine release in mouse hippocampus <b>2004</b> , 399-404		
52	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
51	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
50	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
49	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
48	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
47	A homeostatic mechanism counteracting K(+) -evoked choline release in adult brain. <i>Journal of Neurochemistry</i> , <b>2002</b> , 80, 843-9	6	15
46	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

45	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
44	Stability of phospholipase D in primary astrocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 297, 545-51	3.4	9
43	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
42	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
41	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
40	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
39	Serotonergic modulation of hippocampal acetylcholine release after long-term neuronal grafting. <i>NeuroReport</i> , <b>2000</b> , 11, 3063-5	1.7	15
38	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
37	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
36	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
35	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
34	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
33	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
32	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
31	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
30	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
29	Adrenergic modulation of astroglial phospholipase D activity and cell proliferation. <i>Brain Research</i> , <b>1999</b> , 830, 138-45	3.7	24
28	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

27	Modulation of neuronal phospholipase D activity under depolarizing conditions. <i>FEBS Letters</i> , <b>1999</b> , 464, 21-4	3.8	15
26	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
25	Regulation of free choline in rat brain: dietary and pharmacological manipulations. <i>Neurochemistry International</i> , <b>1998</b> , 32, 479-85	4.4	46
24	Enhancement of brain choline levels by nicotinamide: mechanism of action. <i>Neuroscience Letters</i> , <b>1998</b> , 249, 111-4	3.3	15
23	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
22	Glutamatergic activation of hippocampal phospholipase D: postnatal fading and receptor desensitization. <i>Journal of Neurochemistry</i> , <b>1998</b> , 70, 1679-85	6	15
21	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
20	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
19	Modulation of hippocampal acetylcholine release after fimbria-fornix lesions and septal transplantation in rats. <i>Neuroscience Letters</i> , <b>1997</b> , 231, 5-8	3.3	18
18	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
17	Adrenergic activation of phospholipase D in primary rat astrocytes. <i>Neuroscience Letters</i> , <b>1996</b> , 219, 53-63.3		14
16	Muscarinic activation of phosphatidylcholine hydrolysis. <i>Progress in Brain Research</i> , <b>1996</b> , 109, 201-8	2.9	8
15	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
14	Role of phospholipase D activation in nervous system physiology and pathophysiology. <i>Journal of Neurochemistry</i> , <b>1995</b> , 65, 1445-55	6	86
13	Regiospecific reduction of polycyclic aromatic quinones by rabbit liver dihydrodiol dehydrogenases. <i>Chemico-Biological Interactions</i> , <b>1994</b> , 90, 157-68	5	2
12	Phospholipase C and phospholipase D are independently activated in rat hippocampal slices. <i>Biochemical Pharmacology</i> , <b>1994</b> , 47, 411-4	6	12
11	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
10	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



9	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
8	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
7	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
6	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
5	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
4	Regiospecific oxidation of polycyclic aromatic dihydrodiols by rat liver dihydrodiol dehydrogenase. <i>Chemico-Biological Interactions</i> , <b>1991</b> , 79, 287-303	5	8
3	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
2	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
1	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