Atsushi Takeda

List of Publications by Year
in descending order

139 papers	4,650 citations	126858 33 h-index	123376 61 g-index
143 all docs	143 docs citations	143 times ranked	3707 citing authors

#	Article	IF	Citations
1	Isoproterenol injected into the basolateral amygdala rescues amyloid Î²1-42-induced conditioned fear memory deficit via reducing intracellular Zn2+ toxicity. Neuroscience Letters, 2022, 766, 136353.	1.0	3
2	Intracellular hydrogen peroxide produced by 6-hydroxydopamine is a trigger for nigral dopaminergic degeneration of rats via rapid influx of extracellular Zn2+. NeuroToxicology, 2022, 89, 1-8.	1.4	5
3	Isoproterenol, an adrenergic Î² receptor agonist, induces metallothionein synthesis followed by canceling amyloid Î²1-42-induced neurodegeneration. BioMetals, 2022, 35, 303-312.	1.8	7
4	Paraquat-induced intracellular Zn2+ dysregulation causes dopaminergic degeneration in the substantia nigra, but not in the striatum. NeuroToxicology, 2022, 90, 136-144.	1.4	2
5	Involvement of isoproterenol-induced intracellular Zn2+ dynamics in the basolateral amygdala in conditioned fear memory. BioMetals, 2022, 35, 1023-1031.	1.8	0
6	Extracellular Zn2+-Dependent Amyloid-Î²1â€“42 Neurotoxicity in Alzheimerâ€™s Disease Pathogenesis. Biological Trace Element Research, 2021, 199, 53-61.	1.9	10
7	Preventive effect of Ninjin-yoei-to, a Kampo medicine, on amyloid Î²₁₋₄₂-induced neurodegeneration via intracellular Zn²⁺ toxicity in the dentate gyrus. Experimental Animals, 2021, 70, 514-521.	0.7	4
8	Dehydroeffusol Pprevents Amyloid Î²1-42-mediated Hippocampal Neurodegeneration via Reducing Intracellular Zn2+ Toxicity. Molecular Neurobiology, 2021, 58, 3603-3613.	1.9	4
9	Age-related vulnerability to nigral dopaminergic degeneration in rats via Zn2+-permeable GluR2-lacking AMPA receptor activation. NeuroToxicology, 2021, 83, 69-76.	1.4	8
10	Preferential Neurodegeneration in the Dentate Gyrus by Amyloid Î²1â€“42-Induced Intracellular Zn2+Dysregulation and Its Defense Strategy. Molecular Neurobiology, 2020, 57, 1875-1888.	1.9	13
11	New insight into Parkinsonâ€™s disease pathogenesis from reactive oxygen species-mediated extracellular Zn2+ influx. Journal of Trace Elements in Medicine and Biology, 2020, 61, 126545.	1.5	6
12	Adrenergic Î² receptor activation reduces amyloid Î²1-42-mediated intracellular Zn2+ toxicity in dentate granule cells followed by rescuing impairment of dentate gyrus LTP. NeuroToxicology, 2020, 79, 177-183.	1.4	5
13	Alzheimer risk factors age and female sex induce cortical AÎ² aggregation by raising extracellular zinc. Molecular Psychiatry, 2020, 25, 2728-2741.	4.1	16
14	Dehydroeffusol Rescues Amyloid Î²25â€“35-InducedÂSpatial Working Memory Deficit. Plant Foods for Human Nutrition, 2020, 75, 279-282.	1.4	6
15	Retention Period of Amyloid Î²_{1â€“42} in the Brain Extracellular Fluid as the Toxicological Determinant in Freely Moving Rats. Biological and Pharmaceutical Bulletin, 2020, 43, 1975-1978.	0.6	1
16	Rapid Intracellular Zn2+ Dysregulation via Membrane Corticosteroid Receptor Activation Affects In Vivo CA1 LTP. Molecular Neurobiology, 2019, 56, 1356-1365.	1.9	6
17	Age-Dependent Modification of Intracellular Zn²⁺ Buffering in the Hippocampus and Its Impact. Biological and Pharmaceutical Bulletin, 2019, 42, 1070-1075.	0.6	9
18	Difference in ability for extracellular Zn2+ influx between human and rat amyloid Î²1-42 and its significance. NeuroToxicology, 2019, 72, 1-5.	1.4	6

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19	Paraquat as an Environmental Risk Factor in Parkinsonâ€™s Disease Accelerates Age-Related Degeneration Via Rapid Influx of Extracellular Zn2+ into Nigral Dopaminergic Neurons. Molecular Neurobiology, 2019, 56, 7789-7799.	1.9	18
20	Extracellular Zn2+-independently attenuated LTP by human amyloid Î²1-40 and rat amyloid Î²1-42. Biochemical and Biophysical Research Communications, 2019, 514, 888-892.	1.0	9
21	CA1 LTP Attenuated by Corticosterone is Canceled by Effusol via Rescuing Intracellular Zn2+ Dysregulation. Cellular and Molecular Neurobiology, 2019, 39, 975-983.	1.7	3
22	In vivo synaptic activity-independent co-uptakes of amyloid Î²1â€“42 and Zn2+ into dentate granule cells in the normal brain. Scientific Reports, 2019, 9, 6498.	1.6	14
23	Intake of Heated Leaf Extract of Coriandrum sativum Contributes to Resistance to Oxidative Stress via Decreases in Heavy Metal Concentrations in the Kidney. Plant Foods for Human Nutrition, 2019, 74, 204-209.	1.4	9
24	Amyloid Î²1â€“42-Induced Rapid Zn2+ Influx into Dentate Granule Cells Attenuates Maintained LTP Followed by Retrograde Amnesia. Molecular Neurobiology, 2019, 56, 5041-5050.	1.9	5
25	Blockade of Rapid Influx of Extracellular Zn2+ into Nigral Dopaminergic Neurons Overcomes Paraquat-Induced Parkinsonâ€™s Disease in Rats. Molecular Neurobiology, 2019, 56, 4539-4548.	1.9	20
26	Extracellular Zn2+ Influx into Nigral Dopaminergic Neurons Plays a Key Role for Pathogenesis of 6-Hydroxydopamine-Induced Parkinsonâ€™s Disease in Rats. Molecular Neurobiology, 2019, 56, 435-443.	1.9	26
27	Weakened Intracellular Zn2+-Buffering in the Aged Dentate Gyrus and Its Involvement in Erasure of Maintained LTP. Molecular Neurobiology, 2018, 55, 3856-3865.	1.9	9
28	Novel Defense by Metallothionein Induction Against Cognitive Decline: From Amyloid Î²1â€“42-Induced Excess Zn2+ to Functional Zn2+ Deficiency. Molecular Neurobiology, 2018, 55, 7775-7788.	1.9	23
29	Maintained LTP and Memory Are Lost by Zn2+ Influx into Dentate Granule Cells, but Not Ca2+ Influx. Molecular Neurobiology, 2018, 55, 1498-1508.	1.9	18
30	Characteristic of Extracellular Zn2+ Influx in the Middle-Aged Dentate Gyrus and Its Involvement in Attenuation of LTP. Molecular Neurobiology, 2018, 55, 2185-2195.	1.9	24
31	Is Vulnerability of the Dentate Gyrus to Aging and Amyloid-Î²_{1â€“42} Neurotoxicity Linked with Modified Extracellular Zn²⁺ Dynamics?. Biological and Pharmaceutical Bulletin, 2018, 41, 995-1000.	0.6	7
32	Foreword. Biological and Pharmaceutical Bulletin, 2018, 41, 994-994.	0.6	0
33	AMPA-induced extracellular Zn2+ influx into nigral dopaminergic neurons causes movement disorder in rats. NeuroToxicology, 2018, 69, 23-28.	1.4	25
34	Adrenergic Î² receptor activation in the basolateral amygdala, which is intracellular Zn2+-dependent, rescues amyloid Î²1-42-induced attenuation of dentate gyrus LTP. Neurochemistry International, 2018, 120, 43-48.	1.9	5
35	Yokukansan, a Herbal Medicine in Japan, Buffers Social Crowding Stress <i>via</i> Ameliorating Glucocorticoid Secretion Response to Vasopressin. Biological and Pharmaceutical Bulletin, 2018, 41, 920-924.	0.6	5
36	Significance of Low Nanomolar Concentration of Zn2+ in Artificial Cerebrospinal Fluid. Molecular Neurobiology, 2017, 54, 2477-2482.	1.9	10

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37	Blockade of intracellular Zn 2+ signaling in the basolateral amygdala affects object recognition memory via attenuation of dentate gyrus LTP. Neurochemistry International, 2017, 108, 1-6.	1.9	9
38	Involvement of intracellular Zn²⁺ signaling in LTP at perforant pathwayâ€“CA1 pyramidal cell synapse. Hippocampus, 2017, 27, 777-783.	0.9	8
39	In vitro and in vivo physiology of low nanomolar concentrations of Zn2+ in artificial cerebrospinal fluid. Scientific Reports, 2017, 7, 42897.	1.6	22
40	Extracellular Zn²⁺ Is Essential for Amyloid Î²_{1â€“42}-Induced Cognitive Decline in the Normal Brain and Its Rescue. Journal of Neuroscience, 2017, 37, 7253-7262.	1.7	47
41	The Impact of Synaptic Zn2+ Dynamics on Cognition and Its Decline. International Journal of Molecular Sciences, 2017, 18, 2411.	1.8	29
42	Behavioral Abnormality Induced by Enhanced Hypothalamo-Pituitary-Adrenocortical Axis Activity under Dietary Zinc Deficiency and Its Usefulness as a Model. International Journal of Molecular Sciences, 2016, 17, 1149.	1.8	13
43	Insight into cognitive decline from Zn 2+ dynamics through extracellular signaling of glutamate and glucocorticoids. Archives of Biochemistry and Biophysics, 2016, 611, 93-99.	1.4	20
44	Influences of yokukansankachimpihange on aggressive behavior of zinc-deficient mice and actions of the ingredients on excessive neural exocytosis in the hippocampus of zinc-deficient rats. Experimental Animals, 2016, 65, 353-361.	0.7	19
45	Innervation from the entorhinal cortex to the dentate gyrus and the vulnerability to Zn 2+. Journal of Trace Elements in Medicine and Biology, 2016, 38, 19-23.	1.5	7
46	Significance of the degree of synaptic Zn2+ signaling in cognition. BioMetals, 2016, 29, 177-185.	1.8	29
47	Significance of synaptic Zn 2+ signaling in zincergic and non-zincergic synapses in the hippocampus in cognition. Journal of Trace Elements in Medicine and Biology, 2016, 38, 93-98.	1.5	27
48	Preventive Effect of 3,5-dihydroxy-4-methoxybenzyl Alcohol (DHMBA) and Zinc, Components of the Pacific Oyster <i>Crassostrea gigas</i>, on Glutamatergic Neuron Activity in the Hippocampus. Biological Bulletin, 2015, 229, 282-288.	0.7	3
49	Modification of hippocampal excitability in brain slices pretreated with a low nanomolar concentration of Zn²⁺. Journal of Neuroscience Research, 2015, 93, 1641-1647.	1.3	1
50	Excess influx of Zn 2+ into dentate granule cells affects object recognition memory via attenuated LTP. Neurochemistry International, 2015, 87, 60-65.	1.9	32
51	Blockade of intracellular Zn2+signaling in the dentate gyrus erases recognition memory via impairment of maintained LTP. Hippocampus, 2015, 25, 952-962.	0.9	25
52	Regulation of extracellular Zn²⁺homeostasis in the hippocampus as a therapeutic target for Alzheimerâ€™s disease. Expert Opinion on Therapeutic Targets, 2015, 19, 1051-1058.	1.5	9
53	Is interaction of amyloid Î²-peptides with metals involved in cognitive activity?. Metallomics, 2015, 7, 1205-1212.	1.0	18
54	Cognitive decline due to excess synaptic Zn2+ signaling in the hippocampus. Frontiers in Aging Neuroscience, 2014, 6, 26.	1.7	38

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55	Significance of Zn2+ signaling in cognition: Insight from synaptic Zn2+ dyshomeostasis. Journal of Trace Elements in Medicine and Biology, 2014, 28, 393-396.	1.5	13
56	Intracellular Zn²⁺ signaling in the dentate gyrus is required for object recognition memory. Hippocampus, 2014, 24, 1404-1412.	0.9	35
57	Intracellular Zn²⁺signaling in cognition. Journal of Neuroscience Research, 2014, 92, 819-824.	1.3	33
58	Advantageous effect of theanine intake on cognition. Nutritional Neuroscience, 2014, 17, 279-283.	1.5	12
59	Amyloid Î²-Mediated Zn2+ Influx into Dentate Granule Cells Transiently Induces a Short-Term Cognitive Deficit. PLoS ONE, 2014, 9, e115923.	1.1	33
60	The Expression of Relaxin-3 in Adipose Tissue and its Effects on Adipogenesis. Protein and Peptide Letters, 2014, 21, 517-522.	0.4	9
61	Preventive effect of theanine intake on stress-induced impairments of hippocamapal long-term potentiation and recognition memory. Brain Research Bulletin, 2013, 95, 1-6.	1.4	27
62	Synaptic Zn2+ homeostasis and its significance. Metallomics, 2013, 5, 417.	1.0	72
63	Enhanced Susceptibility to Spontaneous Seizures of Noda Epileptic Rats by Loss of Synaptic Zn2+. PLoS ONE, 2013, 8, e71372.	1.1	11
64	Zinc signaling in the hippocampus and its relation to pathogenesis of depression. Journal of Trace Elements in Medicine and Biology, 2012, 26, 80-84.	1.5	23
65	Involvement of glucocorticoid-mediated Zn2+ signaling in attenuation of hippocampal CA1 LTP by acute stress. Neurochemistry International, 2012, 60, 394-399.	1.9	21
66	Significance of serum glucocorticoid and chelatable zinc in depression and cognition in zinc deficiency. Behavioural Brain Research, 2012, 226, 259-264.	1.2	54
67	Therapeutic effect of Yokukansan on social isolation-induced aggressive behavior of zinc-deficient and pair-fed mice. Brain Research Bulletin, 2012, 87, 551-555.	1.4	24
68	Proposed glucocorticoid-mediated zinc signaling in the hippocampus. Metallomics, 2012, 4, 614.	1.0	32
69	Involvement of Nâ€methylâ€Dâ€aspartate receptor subunits in zincâ€mediated modification of CA1 longâ€term potentiation in the developing hippocampus. Journal of Neuroscience Research, 2012, 90, 551-558.	1.3	11
70	Unique Induction of CA1 LTP Components After Intake of Theanine, an Amino Acid in Tea Leaves and its Effect on Stress Response. Cellular and Molecular Neurobiology, 2012, 32, 41-48.	1.7	23
71	Insight into Glutamate Excitotoxicity from Synaptic Zinc Homeostasis. International Journal of Alzheimer's Disease, 2011, 2011, 1-8.	1.1	23
72	Transient Increase in Zn2+ in Hippocampal CA1 Pyramidal Neurons Causes Reversible Memory Deficit. PLoS ONE, 2011, 6, e28615.	1.1	43

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73	Facilitated Neurogenesis in the Developing Hippocampus After Intake of Theanine, an Amino Acid in Tea Leaves, and Object Recognition Memory. Cellular and Molecular Neurobiology, 2011, 31, 1079-1088.	1.7	37
74	Zinc Signaling in the Hippocampus and Its Relation to Pathogenesis of Depression. Molecular Neurobiology, 2011, 44, 166-174.	1.9	62
75	Zinc differentially acts on components of long-term potentiation at hippocampal CA1 synapses. Brain Research, 2010, 1323, 59-64.	1.1	19
76	Differential effects of zinc influx via AMPA/kainate receptor activation on subsequent induction of hippocampal CA1 LTP components. Brain Research, 2010, 1354, 188-195.	1.1	10
77	Zinc signaling through glucocorticoid and glutamate signaling in stressful circumstances. Journal of Neuroscience Research, 2010, 88, 3002-3010.	1.3	29
78	Susceptibility to stress in young rats after 2-week zinc deprivation. Neurochemistry International, 2010, 56, 410-416.	1.9	53
79	Zinc-mediated attenuation of hippocampal mossy fiber long-term potentiation induced by forskolin. Neurochemistry International, 2010, 57, 608-614.	1.9	14
80	Ameliorative effect of Yokukansan on social isolation-induced aggressive behavior of zinc-deficient young mice. Brain Research Bulletin, 2010, 83, 351-355.	1.4	25
81	Insight into zinc signaling from dietary zinc deficiency. Brain Research Reviews, 2009, 62, 33-44.	9.1	174
82	Decreased Brain Zinc Availability Reduces Hippocampal Neurogenesis in Mice and Rats. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 1579-1588.	2.4	127
83	Abnormal Ca2+ mobilization in hippocampal slices of epileptic animals fed a zinc-deficient diet. Epilepsy Research, 2009, 83, 73-80.	0.8	12
84	Facilitation of zinc influx via AMPA/kainate receptor activation in the hippocampus. Neurochemistry International, 2009, 55, 376-382.	1.9	27
85	Behavior in the forced swim test and neurochemical changes in the hippocampus in young rats after 2-week zinc deprivation. Neurochemistry International, 2009, 55, 536-541.	1.9	62
86	Unique response of zinc in the hippocampus to behavioral stress and attenuation of subsequent mossy fiber long-term potentiation. NeuroToxicology, 2009, 30, 712-717.	1.4	22
87	High K+-induced Increase in Extracellular Glutamate in Zinc Deficiency and Endogenous Zinc Action. Journal of Health Science, 2009, 55, 405-412.	0.9	2
88	Enhancement of hippocampal mossy fiber activity in zinc deficiency and its influence on behavior. BioMetals, 2008, 21, 545-552.	1.8	5
89	Attenuation of hippocampal mossy fiber longâ€term potentiation by low micromolar concentrations of zinc. Journal of Neuroscience Research, 2008, 86, 2906-2911.	1.3	30
90	Enhancement of social isolation-induced aggressive behavior of young mice by zinc deficiency. Life Sciences, 2008, 82, 909-914.	2.0	37

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91	Hippocampal calcium dyshomeostasis and long-term potentiation in 2-week zinc deficiency. Neurochemistry International, 2008, 52, 241-246.	1.9	29
92	Attenuation of abnormal glutamate release in zinc deficiency by zinc and Yokukansan. Neurochemistry International, 2008, 53, 230-235.	1.9	66
93	Suppressive effect of Yokukansan on excessive release of glutamate and aspartate in the hippocampus of zinc-deficient rats. Nutritional Neuroscience, 2008, 11, 41-46.	1.5	79
94	Vulnerability to Seizures Induced by Potassium Dyshomeostasis in the Hippocampus in Aged Rats. Journal of Health Science, 2008, 54, 37-42.	0.9	5
95	Anxiety-like behavior of young rats after 2-week zinc deprivation. Behavioural Brain Research, 2007, 177, 1-6.	1.2	89
96	Response of hippocampal mossy fiber zinc to excessive glutamate release. Neurochemistry International, 2007, 50, 322-327.	1.9	25
97	Role of zinc influx via AMPA/kainate receptor activation in metabotropic glutamate receptor-mediated calcium release. Journal of Neuroscience Research, 2007, 85, 1310-1317.	1.3	43
98	Negative modulation of presynaptic activity by zinc released from schaffer collaterals. Journal of Neuroscience Research, 2007, 85, 3666-3672.	1.3	37
99	Zinc release from Schaffer collaterals and its significance. Brain Research Bulletin, 2006, 68, 442-447.	1.4	12
100	Impairment of GABAergic neurotransmitter system in the amygdala of young rats after 4-week zinc deprivation. Neurochemistry International, 2006, 49, 746-750.	1.9	28
101	Response of extracelluar zinc in the ventral hippocampus against novelty stress. Journal of Neurochemistry, 2006, 99, 670-676.	2.1	28
102	Region-specific loss of zinc in the brain in pentylentetrazole-induced seizures and seizure susceptibility in zinc deficiency. Epilepsy Research, 2006, 70, 41-48.	0.8	32
103	Responsiveness to kainate in young rats after 2-week zinc deprivation. BioMetals, 2006, 19, 565-572.	1.8	24
104	Zinc release in the lateral nucleus of the amygdala by stimulation of the entorhinal cortex. Brain Research, 2006, 1118, 52-57.	1.1	7
105	Inhibition of presynaptic activity by zinc released from mossy fiber terminals during tetanic stimulation. Journal of Neuroscience Research, 2006, 83, 167-176.	1.3	72
106	Involvement of unusual glutamate release in kainate-induced seizures in zinc-deficient adult rats. Epilepsy Research, 2005, 66, 137-143.	0.8	23
107	Enhanced excitability of hippocampal mossy fibers and CA3 neurons under dietary zinc deficiency. Epilepsy Research, 2005, 63, 77-84.	0.8	26
108	Zinc homeostasis in the hippocampus of zinc-deficient young adult rats. Neurochemistry International, 2005, 46, 221-225.	1.9	60

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109	Increase in hippocampal cell death after treatment with kainate in zinc deficiency. Neurochemistry International, 2005, 47, 539-544.	1.9	31
110	Elimination of zinc-65 from the brain under kainate-induced seizures. BioMetals, 2004, 17, 141-144.	1.8	7
111	Differential effects of zinc on glutamatergic and GABAergic neurotransmitter systems in the hippocampus. Journal of Neuroscience Research, 2004, 75, 225-229.	1.3	99
112	Release of amino acids by zinc in the hippocampus. Brain Research Bulletin, 2004, 63, 253-257.	1.4	7
113	Suppressive effect of Saiko-ka-ryukotsu-borei-to, a herbal medicine, on excessive release of glutamate in the hippocampus. Brain Research Bulletin, 2004, 64, 273-277.	1.4	17
114	Involvement of amygdalar extracellular zinc in rat behavior for passive avoidance. Neuroscience Letters, 2004, 358, 119-122.	1.0	9
115	Analysis of Brain Function and Prevention of Brain Diseases: the Action of Trace Metals. Journal of Health Science, 2004, 50, 429-442.	0.9	15
116	Change of zinc uptake under growth arrest and apoptosis. Anticancer Research, 2004, 24, 3869-74.	0.5	6
117	Alteration of zinc concentrations in the brain implanted with C6 glioma. Brain Research, 2003, 965, 170-173.	1.1	16
118	Release of glutamate and GABA in the hippocampus under zinc deficiency. Journal of Neuroscience Research, 2003, 72, 537-542.	1.3	94
119	Inhibitory function of zinc against excitation of hippocampal glutamatergic neurons. Epilepsy Research, 2003, 57, 169-174.	0.8	43
120	Zinc movement in the brain under kainate-induced seizures. Epilepsy Research, 2003, 54, 123-129.	0.8	40
121	Susceptibility to kainate-induced seizures under dietary zinc deficiency. Journal of Neurochemistry, 2003, 85, 1575-1580.	2.1	105
122	Manganese action in brain function. Brain Research Reviews, 2003, 41, 79-87.	9.1	481
123	Influence of iron-saturation of plasma transferrin in iron distribution in the brain. Neurochemistry International, 2002, 41, 223-228.	1.9	15
124	Abnormal iron delivery to the bone marrow in neonatal hypotransferrinemic mice. BioMetals, 2002, 15, 33-36.	1.8	10
125	Possible involvement of plasma histidine in differential brain permeability to zinc and cadmium. BioMetals, 2002, 15, 371-375.	1.8	12
126	Significance of Transferrin in Iron Delivery to the Brain. Journal of Health Science, 2001, 47, 520-524.	0.9	14

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127	Zinc homeostasis in the brain of adult rats fed zinc-deficient diet. Journal of Neuroscience Research, 2001, 63, 447-452.	1.3	80
128	Zinc homeostasis and functions of zinc in the brain. BioMetals, 2001, 14, 343-351.	1.8	302
129	Cadmium toxicity in synaptic neurotransmission in the brain. Brain Research, 2001, 894, 336-339.	1.1	99
130	Abnormal iron accumulation in the brain of neonatal hypotransferrinemic mice. Brain Research, 2001, 912, 154-161.	1.1	16
131	Influence of transferrin on manganese uptake in rat brain. , 2000, 59, 542-552.		35
132	Manganese concentration in mouse brain after intravenous injection. Journal of Neuroscience Research, 2000, 61, 350-356.	1.3	27
133	Relationship between brain zinc and transient learning impairment of adult rats fed zinc-deficient diet. Brain Research, 2000, 859, 352-357.	1.1	70
134	65Zn localization in rat brain after intracerebroventricular injection of 65Zn-histidine. Brain Research, 2000, 863, 241-244.	1.1	15
135	Release of zinc from the brain of El (epilepsy) mice during seizure induction. Brain Research, 1999, 828, 174-178.	1.1	33
136	Manganese uptake into rat brain during development and aging. Journal of Neuroscience Research, 1999, 56, 93-98.	1.3	63
137	109Cd transport in rat brain. Brain Research Bulletin, 1999, 49, 453-457.	1.4	28
138	In vivo stimulation-induced release of manganese in rat amygdala. Brain Research, 1998, 811, 147-151.	1.1	45
139	Biological half-lives of zinc and manganese in rat brain. Brain Research, 1995, 695, 53-58.	1.1	151