

# Motohiro Okada

## List of Publications by Year in descending order

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175  
papers

5,018  
citations

87888

38  
h-index

133252

59  
g-index

181  
all docs

181  
docs citations

181  
times ranked

4348  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Genetics of Human Familial Epilepsy Syndromes. <i>Epilepsia</i> , 2002, 43, 21-25.	5.1	152
2	Adenosine A1 and A2 receptors modulate extracellular dopamine levels in rat striatum. <i>Neuroscience Letters</i> , 1996, 212, 53-56.	2.1	141
3	Clozapine, but not haloperidol, enhances glial $\alpha$ -serine and L-glutamate release in rat frontal cortex and primary cultured astrocytes. <i>British Journal of Pharmacology</i> , 2012, 165, 1543-1555.	5.4	121
4	Determination of the effects of caffeine and carbamazepine on striatal dopamine release by in vivo microdialysis. <i>European Journal of Pharmacology</i> , 1997, 321, 181-188.	3.5	117
5	Genetics of Idiopathic Epilepsies. <i>Epilepsia</i> , 2005, 46, 38-43.	5.1	117
6	Psychological effects of aromatherapy on chronic hemodialysis patients. <i>Psychiatry and Clinical Neurosciences</i> , 2000, 54, 393-397.	1.8	115
7	Interaction between $Ca^{2+}$ , $K^{+}$ , carbamazepine and zonisamide on hippocampal extracellular glutamate monitored with a microdialysis electrode. <i>British Journal of Pharmacology</i> , 1998, 124, 1277-1285.	5.4	113
8	Adenosine Receptor Subtypes Modulate Two Major Functional Pathways for Hippocampal Serotonin Release. <i>Journal of Neuroscience</i> , 2001, 21, 628-640.	3.6	110
9	Biphasic effects of zonisamide on serotonergic system in rat hippocampus. <i>Epilepsy Research</i> , 1999, 34, 187-197.	1.6	108
10	Defective function of GABA-containing synaptic vesicles in mice lacking the AP-3B clathrin adaptor. <i>Journal of Cell Biology</i> , 2004, 167, 293-302.	5.2	102
11	Staphylococcal enterotoxin induces emesis through increasing serotonin release in intestine and it is downregulated by cannabinoid receptor 1. <i>Cellular Microbiology</i> , 2007, 9, 2267-2277.	2.1	101
12	Associations between psychotic-like experiences and mental health status and other psychopathologies among Japanese early teens. <i>Schizophrenia Research</i> , 2008, 99, 125-133.	2.0	95
13	Differential effects of adenosine receptor subtypes on release and reuptake of hippocampal serotonin. <i>European Journal of Neuroscience</i> , 1999, 11, 1-9.	2.6	73
14	Are some idiopathic epilepsies disorders of ion channels?: A working hypothesis. <i>Epilepsy Research</i> , 2000, 41, 191-204.	1.6	71
15	A Prospective Randomized Study of Clinical Outcomes in Patients With Cervical Compressive Myelopathy Treated With Open-Door or French-Door Laminoplasty. <i>Spine</i> , 2009, 34, 1119-1126.	2.0	70
16	Age-dependent modulation of hippocampal excitability by KCNQ-channels. <i>Epilepsy Research</i> , 2003, 53, 81-94.	1.6	67
17	Effects of interleukin- $1\beta$ on hippocampal glutamate and GABA releases associated with $Ca^{2+}$ -induced $Ca^{2+}$ releasing systems. <i>Epilepsy Research</i> , 2006, 71, 107-116.	1.6	66
18	Effects of quetiapine on monoamine, GABA, and glutamate release in rat prefrontal cortex. <i>Psychopharmacology</i> , 2009, 206, 243-258.	3.1	64

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19	Rats Harboring S284L <i>Chrna4</i> Mutation Show Attenuation of Synaptic and Extrasynaptic GABAergic Transmission and Exhibit the Nocturnal Frontal Lobe Epilepsy Phenotype. <i>Journal of Neuroscience</i> , 2008, 28, 12465-12476.	3.6	62
20	ONO <sup>2506</sup> inhibits spike-wave discharges in a genetic animal model without affecting traditional convulsive tests via gliotransmission regulation. <i>British Journal of Pharmacology</i> , 2013, 168, 1088-1100.	5.4	61
21	Clozapine Normalizes a Glutamatergic Transmission Abnormality Induced by an Impaired NMDA Receptor in the Thalamocortical Pathway via the Activation of a Group III Metabotropic Glutamate Receptor. <i>Biomolecules</i> , 2019, 9, 234.	4.0	56
22	Intrasubject reproducibility of prefrontal cortex activities during a verbal fluency task over two repeated sessions using multi-channel near-infrared spectroscopy. <i>Psychiatry and Clinical Neurosciences</i> , 2009, 63, 491-499.	1.8	52
23	Pharmacological discrimination between effects of carbamazepine on hippocampal basal, Ca <sup>2+</sup> - and K <sup>+</sup> -evoked serotonin release. <i>British Journal of Pharmacology</i> , 2001, 133, 557-567.	5.4	51
24	Determination of effects of antiepileptic drugs on SNAREs-mediated hippocampal monoamine release using in vivo microdialysis. <i>British Journal of Pharmacology</i> , 2001, 134, 507-520.	5.4	50
25	Effects of zonisamide on neurotransmitter exocytosis associated with ryanodine receptors. <i>Epilepsy Research</i> , 2005, 67, 153-162.	1.6	49
26	Biphasic effects of carbamazepine on the dopaminergic system in rat striatum and hippocampus. <i>Epilepsy Research</i> , 1997, 28, 143-153.	1.6	47
27	Effects of carbamazepine on hippocampal serotonergic system. <i>Epilepsy Research</i> , 1998, 31, 187-198.	1.6	47
28	Effect of novel atypical antipsychotic, blonanserin, on extracellular neurotransmitter level in rat prefrontal cortex. <i>European Journal of Pharmacology</i> , 2011, 653, 47-57.	3.5	47
29	Dopamine D2 and serotonin 5-HT1A receptors mediate the actions of aripiprazole in mesocortical and mesoaccumbens transmission. <i>Neuropharmacology</i> , 2012, 62, 765-774.	4.1	47
30	Genetics of epilepsy: current status and perspectives. <i>Neuroscience Research</i> , 2002, 44, 11-30.	1.9	45
31	Exocytosis mechanism as a new targeting site for mechanisms of action of antiepileptic drugs. <i>Life Sciences</i> , 2002, 72, 465-473.	4.3	44
32	Memantine protects thalamocortical hyperglutamatergic transmission induced by NMDA receptor antagonism via activation of system xc <sup>+</sup> . <i>Pharmacology Research and Perspectives</i> , 2019, 7, e00457.	2.4	44
33	Genetic abnormalities underlying familial epilepsy syndromes. <i>Brain and Development</i> , 2002, 24, 211-222.	1.1	43
34	The genetics of febrile seizures and related epilepsy syndromes. <i>Brain and Development</i> , 2003, 25, 304-312.	1.1	43
35	Frontal dysfunction during a cognitive task in drug-naïve patients with panic disorder as investigated by multi-channel near-infrared spectroscopy imaging. <i>Neuroscience Research</i> , 2007, 59, 107-112.	1.9	43
36	The Effects of Bone Morphogenetic Protein and Basic Fibroblast Growth Factor on Cultured Mesenchymal Stem Cells for Spine Fusion. <i>Spine</i> , 2007, 32, 1067-1071.	2.0	43

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37	Effects of Ca <sup>2+</sup> channel antagonists on striatal dopamine and DOPA release, studied by in vivo microdialysis. <i>British Journal of Pharmacology</i> , 1998, 123, 805-814.	5.4	40
38	Effects of Adenosine Receptor Subtypes on Hippocampal Extracellular Serotonin Level and Serotonin Reuptake Activity. <i>Journal of Neurochemistry</i> , 1997, 69, 2581-2588.	3.9	39
39	Hyperpolarization-activated cyclic nucleotide gated channels: a potential molecular link between epileptic seizures and A $\beta$ generation in Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2012, 7, 50.	10.8	39
40	Pathogenesis and pathophysiology of autosomal dominant sleep-related hypermotor epilepsy with S284L mutant $\alpha 4$ subunit of nicotinic ACh receptor. <i>British Journal of Pharmacology</i> , 2020, 177, 2143-2162.	5.4	39
41	Association of nonsense mutation in GABRG2 with abnormal trafficking of GABAA receptors in severe epilepsy. <i>Epilepsy Research</i> , 2014, 108, 420-432.	1.6	38
42	Development and optimization of a cell-based assay for the selection of synthetic compounds that potentiate bone morphogenetic protein activity. <i>Cell Biochemistry and Function</i> , 2009, 27, 526-534.	2.9	37
43	Zonisamide regulates basal ganglia transmission via astroglial kynurenine pathway. <i>Neuropharmacology</i> , 2014, 76, 137-145.	4.1	37
44	Effects of zonisamide on K <sup>+</sup> and Ca <sup>2+</sup> evoked release of monoamine as well as K <sup>+</sup> evoked intracellular Ca <sup>2+</sup> mobilization in rat hippocampus. <i>Epilepsy Research</i> , 1999, 35, 173-182.	1.6	36
45	Factors responsible for the prolongation of school refusal. <i>Psychiatry and Clinical Neurosciences</i> , 1999, 53, 461-469.	1.8	36
46	Interaction between carbamazepine, zonisamide and voltage-sensitive Ca <sup>2+</sup> channel on acetylcholine release in rat frontal cortex. <i>Epilepsy Research</i> , 2002, 49, 49-60.	1.6	36
47	Marital Status of Patients with Epilepsy with Special Reference to the Influence of Epileptic Seizures on the Patient's Married Life. <i>Epilepsia</i> , 2004, 45, 33-36.	5.1	36
48	Levetiracetam inhibits neurotransmitter release associated with CICR. <i>Neuroscience Letters</i> , 2012, 518, 69-74.	2.1	36
49	Amantadine Combines Astroglial System Xc <sup>+</sup> Activation with Glutamate/NMDA Receptor Inhibition. <i>Biomolecules</i> , 2019, 9, 191.	4.0	35
50	Lurasidone inhibits NMDA receptor antagonist-induced functional abnormality of thalamocortical glutamatergic transmission via 5-HT <sub>7</sub> receptor blockade. <i>British Journal of Pharmacology</i> , 2019, 176, 4002-4018.	5.4	34
51	Effects of acute and sub-chronic administrations of guanfacine on catecholaminergic transmissions in the orbitofrontal cortex. <i>Neuropharmacology</i> , 2019, 156, 107547.	4.1	34
52	Interaction between purinoceptor subtypes on hippocampal serotonergic transmission using in vivo microdialysis. <i>Neuropharmacology</i> , 1999, 38, 707-715.	4.1	33
53	Protein kinase associated with gating and closing transmission mechanisms in temporoammonic pathway. <i>Neuropharmacology</i> , 2004, 47, 485-504.	4.1	33
54	Carbamazepine prevents breakdown of neurotransmitter release induced by hyperactivation of ryanodine receptor. <i>Neuropharmacology</i> , 2007, 52, 1538-1546.	4.1	33

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55	Relationship between the prefrontal function during a cognitive task and the severity of the symptoms in patients with panic disorder: A multi-channel NIRS study. <i>Psychiatry Research - Neuroimaging</i> , 2009, 172, 168-172.	1.8	33
56	Topiramate and zonisamide prevent paradoxical intoxication induced by carbamazepine and phenytoin. <i>Epilepsy Research</i> , 2009, 84, 172-186.	1.6	33
57	Dysfunction of ventrolateral prefrontal cortex underlying social anxiety disorder: A multi-channel NIRS study. <i>NeuroImage: Clinical</i> , 2015, 8, 455-461.	2.7	33
58	Effects of ryanodine receptor activation on neurotransmitter release and neuronal cell death following kainic acid-induced status epilepticus. <i>Epilepsy Research</i> , 2005, 65, 59-70.	1.6	32
59	Cystine/Glutamate Antiporter and Aripiprazole Compensate NMDA Antagonist-Induced Dysfunction of Thalamocortical L-Glutamatergic Transmission. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3645.	4.1	32
60	Lurasidone Sub-Chronically Activates Serotonergic Transmission via Desensitization of 5-HT1A and 5-HT7 Receptors in Dorsal Raphe Nucleus. <i>Pharmaceuticals</i> , 2019, 12, 149.	3.8	32
61	Spinal fractures in patients with Diffuse idiopathic skeletal hyperostosis:A nationwide multi-institution survey. <i>Journal of Orthopaedic Science</i> , 2019, 24, 601-606.	1.1	32
62	Novel $\alpha$ 1-receptor agonist KNT-127 increases the release of dopamine and l-glutamate in the striatum, nucleus accumbens and median pre-frontal cortex. <i>Neuropharmacology</i> , 2012, 62, 2057-2067.	4.1	31
63	A de novo KCNQ2 mutation detected in non-familial benign neonatal convulsions. <i>Brain and Development</i> , 2009, 31, 27-33.	1.1	30
64	Effects of non-toxic and toxic concentrations of phenytoin on monoamines levels in rat brain. <i>Epilepsy Research</i> , 1997, 28, 155-163.	1.6	29
65	Different actions for acute and chronic administration of mirtazapine on serotonergic transmission associated with raphe nuclei and their innervation cortical regions. <i>Neuropharmacology</i> , 2011, 60, 550-560.	4.1	29
66	Sociomedical aspects of epileptic patients: Their employment and marital status. <i>Psychiatry and Clinical Neurosciences</i> , 2001, 55, 141-146.	1.8	26
67	Mutational analysis of GABRG2 in a Japanese cohort with childhood epilepsies. <i>Journal of Human Genetics</i> , 2010, 55, 375-378.	2.3	26
68	A Working Hypothesis Regarding Identical Pathomechanisms between Clinical Efficacy and Adverse Reaction of Clozapine via the Activation of Connexin43. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7019.	4.1	26
69	Effects of Carbamazepine, Lacosamide and Zonisamide on Gliotransmitter Release Associated with Activated Astroglial Hemichannels. <i>Pharmaceuticals</i> , 2020, 13, 117.	3.8	26
70	Activation of Astroglial Connexin Is Involved in Concentration-Dependent Double-Edged Sword Clinical Action of Clozapine. <i>Cells</i> , 2020, 9, 414.	4.1	26
71	Effects of carbamazepine on acetylcholine release and metabolism. <i>Epilepsy Research</i> , 2000, 40, 187-195.	1.6	25
72	Dysfunction of M-channel enhances propagation of neuronal excitability in rat hippocampus monitored by multielectrode dish and microdialysis systems. <i>Neuroscience Letters</i> , 2000, 294, 53-57.	2.1	25

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73	Improved accuracy of diagnosis of lumbar intra and/or extra-foraminal stenosis by use of three-dimensional MR imaging: comparison with conventional MR imaging. <i>Journal of Orthopaedic Science</i> , 2015, 20, 287-294.	1.1	25
74	Pharmacological Discrimination of Effects of MK801 on Thalamocortical, Mesothalamic, and Mesocortical Transmissions. <i>Biomolecules</i> , 2019, 9, 746.	4.0	25
75	Current Limitations and Candidate Potential of 5-HT7 Receptor Antagonism in Psychiatric Pharmacotherapy. <i>Frontiers in Psychiatry</i> , 2021, 12, 623684.	2.6	25
76	Astroglial Connexin43 as a Potential Target for a Mood Stabiliser. <i>International Journal of Molecular Sciences</i> , 2021, 22, 339.	4.1	25
77	Upregulated and Hyperactivated Thalamic Connexin 43 Plays Important Roles in Pathomechanisms of Cognitive Impairment and Seizure of Autosomal Dominant Sleep-Related Hypermotor Epilepsy with S284L-Mutant $\alpha$ 4 Subunit of Nicotinic ACh Receptor. <i>Pharmaceuticals</i> , 2020, 13, 99.	3.8	25
78	Memory-based pre-attentive auditory N1 elicited by sound movement. <i>Neuroscience Research</i> , 2012, 73, 248-251.	1.9	24
79	Vortioxetine Subchronically Activates Serotonergic Transmission via Desensitization of Serotonin 5-HT1A Receptor with 5-HT3 Receptor Inhibition in Rats. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6235.	4.1	24
80	Effects of Subchronic Administrations of Vortioxetine, Lurasidone, and Escitalopram on Thalamocortical Glutamatergic Transmission Associated with Serotonin 5-HT7 Receptor. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1351.	4.1	24
81	Genetic Identifiers of $\alpha$ Epilepsy. <i>Epilepsia</i> , 2002, 43, 16-20.	5.1	23
82	Age-Dependent and Sleep/Seizure-Induced Pathomechanisms of Autosomal Dominant Sleep-Related Hypermotor Epilepsy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8142.	4.1	23
83	Upregulated Connexin 43 Induced by Loss-of-Functional S284L-Mutant $\alpha$ 4 Subunit of Nicotinic ACh Receptor Contributes to Pathomechanisms of Autosomal Dominant Sleep-Related Hypermotor Epilepsy. <i>Pharmaceuticals</i> , 2020, 13, 58.	3.8	23
84	Magnesium ion augmentation of inhibitory effects of adenosine on dopamine release in the rat striatum. <i>Psychiatry and Clinical Neurosciences</i> , 1996, 50, 147-156.	1.8	22
85	Effects of levetiracetam on astroglial release of kynurenine pathway metabolites. <i>British Journal of Pharmacology</i> , 2018, 175, 4253-4265.	5.4	22
86	Carbamazepine Attenuates Astroglial L-Glutamate Release Induced by Pro-Inflammatory Cytokines via Chronically Activation of Adenosine A2A Receptor. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3727.	4.1	22
87	Microendoscopic Decompression for Lumbar Spinal Stenosis With Degenerative Spondylolisthesis. <i>Clinical Spine Surgery</i> , 2019, 32, E20-E26.	1.3	22
88	Can Financial Support Reduce Suicide Mortality Rates?. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4797.	2.6	22
89	Pathomechanism of nocturnal paroxysmal dystonia in autosomal dominant sleep-related hypermotor epilepsy with S284L-mutant $\alpha$ 4 subunit of nicotinic ACh receptor. <i>Biomedicine and Pharmacotherapy</i> , 2020, 126, 110070.	5.6	21
90	Can rodent models elucidate the pathomechanisms of genetic epilepsy?. <i>British Journal of Pharmacology</i> , 2022, 179, 1620-1639.	5.4	21

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91	Effects of zonisamide on neurotransmitter release associated with inositol triphosphate receptors. <i>Neuroscience Letters</i> , 2009, 454, 91-96.	2.1	20
92	A novel prophylactic effect of furosemide treatment on autosomal dominant nocturnal frontal lobe epilepsy (ADNFLE). <i>Epilepsy Research</i> , 2013, 107, 127-137.	1.6	20
93	Crossover reaction between haloperidol and amoxapine for NMS. <i>British Journal of Psychiatry</i> , 1991, 159, 889-889.	2.8	19
94	Knockdown of Cav2.1 calcium channels is sufficient to induce neurological disorders observed in natural occurring Cacna1a mutants in mice. <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 1029-1033.	2.1	19
95	Analysing regional unemployment rates, GDP per capita and financial support for regional suicide prevention programme on suicide mortality in Japan using governmental statistical data. <i>BMJ Open</i> , 2020, 10, e037537.	1.9	19
96	Candidate Strategies for Development of a Rapid-Acting Antidepressant Class That Does Not Result in Neuropsychiatric Adverse Effects: Prevention of Ketamine-Induced Neuropsychiatric Adverse Reactions. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7951.	4.1	18
97	Sarpogrelate Hydrochloride, a 5-HT <sub>2A</sub> Receptor Antagonist, Attenuates Neurogenic Pain Induced by Nucleus Pulposus in Rats. <i>Spine</i> , 2007, 32, 315-320.	2.0	17
98	Do the Adjacent Level Intervertebral Discs Degenerate After a Lumbar Spinal Fusion?. <i>Spine</i> , 2010, 35, E1144-E1152.	2.0	17
99	Spontaneous epileptic seizures in transgenic rats harboring a human ADNFLE missense mutation in the $\beta$ 2-subunit of the nicotinic acetylcholine receptor. <i>Neuroscience Research</i> , 2015, 100, 46-54.	1.9	17
100	A Reassessment of Marx's Thought on Labour Exchange. <i>Review of Political Economy</i> , 2014, 26, 408-425.	1.1	16
101	A Comparison of Cervical and Thoracolumbar Fractures Associated with Diffuse Idiopathic Skeletal Hyperostosis—A Nationwide Multicenter Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 208.	2.4	16
102	Effects of Atypical Antipsychotics, Clozapine, Quetiapine and Brexpiprazole on Astroglial Transmission Associated with Connexin43. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5623.	4.1	16
103	Hyperactivity of Endoplasmic Reticulum Associated Exocytosis Mechanism Contributes to Acute Phencyclidine Intoxication. <i>Journal of Pharmacological Sciences</i> , 2004, 95, 214-227.	2.5	15
104	Lack of potassium current in W309R mutant KCNQ3 channel causing benign familial neonatal convulsions (BFNC). <i>Epilepsy Research</i> , 2009, 84, 82-85.	1.6	15
105	Dysfunction of Extrasynaptic GABAergic Transmission in Phospholipase C-Related, but Catalytically Inactive Protein 1 Knockout Mice Is Associated with an Epilepsy Phenotype. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 340, 520-528.	2.5	15
106	Effect of lamotrigine and carbamazepine on corticotropin-releasing factor-associated serotonergic transmission in rat dorsal raphe nucleus. <i>Psychopharmacology</i> , 2012, 220, 599-610.	3.1	15
107	Gene $\times$ gene $\times$ gender interaction of BDNF and COMT genotypes associated with panic disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 51, 119-125.	4.8	15
108	Analysing the Impacts of Financial Support for Regional Suicide Prevention Programmes on Suicide Mortality Caused by Major Suicide Motives in Japan Using Statistical Government Data. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3414.	2.6	15

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109	Determining What Changed Japanese Suicide Mortality in 2020 Using Governmental Database. <i>Journal of Clinical Medicine</i> , 2021, 10, 5199.	2.4	15
110	GABA storage and release in the medial globus pallidus in L-DOPA-induced dyskinesia priming. <i>Neurobiology of Disease</i> , 2020, 143, 104979.	4.4	14
111	Chronic Administrations of Guanfacine on Mesocortical Catecholaminergic and Thalamocortical Glutamatergic Transmissions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4122.	4.1	14
112	Impaired M-Current and Neuronal Excitability. <i>Epilepsia</i> , 2002, 43, 36-38.	5.1	13
113	Impacts of Dual-Income Household Rate on Suicide Mortalities in Japan. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5670.	2.6	13
114	Brivaracetam prevents astroglial l-glutamate release associated with hemichannel through modulation of synaptic vesicle protein. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111462.	5.6	13
115	Zonisamide at clinically relevant concentrations inhibits field EPSP but not presynaptic fiber volley in rat frontal cortex. <i>Epilepsy Research</i> , 2005, 67, 51-60.	1.6	12
116	Electroencephalographic Dipole Source Modeling of Frontal Intermittent Rhythmic Delta Activity. <i>Neuropsychobiology</i> , 2012, 65, 103-108.	1.9	12
117	Gender-Specific Association between the COMT Val158Met Polymorphism and Openness to Experience in Panic Disorder Patients. <i>Neuropsychobiology</i> , 2014, 69, 165-174.	1.9	12
118	Effects of Financial Expenditure of Prefectures/Municipalities on Regional Suicide Mortality in Japan. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8639.	2.6	12
119	Distinct Effects of Escitalopram and Vortioxetine on Astroglial L-Glutamate Release Associated with Connexin43. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10013.	4.1	12
120	Exploring characteristics of increased suicide during the COVID-19 pandemic in Japan using provisional governmental data. <i>The Lancet Regional Health - Western Pacific</i> , 2022, 24, 100481.	2.9	12
121	Carbamazepine and Zonisamide Increase Extracellular Dopamine and Serotonin Levels In Vivo, and Carbamazepine Does Not Antagonize Adenosine Effect In Vitro: Mechanisms of Blockade of Seizure Spread. <i>Psychiatry and Clinical Neurosciences</i> , 1993, 47, 371-373.	1.8	11
122	Both 3,4-dihydroxyphenylalanine and dopamine releases are regulated by Ca <sup>2+</sup> -induced Ca <sup>2+</sup> releasing system in rat striatum. <i>Neuroscience Letters</i> , 2004, 362, 244-248.	2.1	11
123	Pharmacological discrimination of protein kinase associated exocytosis mechanisms between dopamine and 3,4-dihydroxyphenylalanine in rat striatum using in vivo microdialysis. <i>Neuroscience Letters</i> , 2004, 363, 120-124.	2.1	11
124	Involvement of Ca <sup>2+</sup> -induced Ca <sup>2+</sup> releasing system in interleukin-1 $\beta$ -associated adenosine release. <i>European Journal of Pharmacology</i> , 2006, 532, 246-252.	3.5	11
125	Interaction between Mesocortical and Mesothalamic Catecholaminergic Transmissions Associated with NMDA Receptor in the Locus Coeruleus. <i>Biomolecules</i> , 2020, 10, 990.	4.0	11
126	Prognosis and clinical features of intractable epilepsy: A prospective study. <i>Psychiatry and Clinical Neurosciences</i> , 1997, 51, 233-235.	1.8	10



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127	Validation criteria for genetic animal models of epilepsy. <i>Epilepsy and Seizure</i> , 2010, 3, 109-120.	0.2	10
128	Effects of valproate on neurotransmission associated with ryanodine receptors. <i>Neuroscience Research</i> , 2010, 68, 322-328.	1.9	10
129	Impact of 5-HT7 receptor inverse agonism of lurasidone on monoaminergic tripartite synaptic transmission and pathophysiology of lower risk of weight gain. <i>Biomedicine and Pharmacotherapy</i> , 2022, 148, 112750.	5.6	10
130	Determination of genomic breakpoints in an epileptic patient using genotyping array. <i>Biochemical and Biophysical Research Communications</i> , 2006, 341, 792-796.	2.1	9
131	Engineering, cloning, and functional characterization of recombinant LIM mineralization protein-1 containing an N-terminal HIV-derived membrane transduction domain. <i>Protein Expression and Purification</i> , 2009, 65, 165-173.	1.3	9
132	Asymmetry of prefrontal cortex activities and catechol-O-methyltransferase Val158Met genotype in patients with panic disorder during a verbal fluency task: Near-infrared spectroscopy study. <i>Neuroscience Letters</i> , 2009, 452, 63-67.	2.1	9
133	Combination Therapy of Zonisamide With Aripiprazole on ECT- and Benzodiazepine-Resistant Periodic Catatonia. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2012, 24, E9-E9.	1.8	9
134	Differential mechanisms underlie the regulation of serotonergic transmission in the dorsal and median raphe nuclei by mirtazapine: a dual probe microdialysis study. <i>Psychopharmacology</i> , 2013, 229, 617-626.	3.1	9
135	Auditory change-related cerebral responses and personality traits. <i>Neuroscience Research</i> , 2016, 103, 34-39.	1.9	9
136	Effects of an Atypical Antipsychotic, Zotepine, on Astroglial L-Glutamate Release through Hemichannels: Exploring the Mechanism of Mood-Stabilising Antipsychotic Actions and Antipsychotic-Induced Convulsion. <i>Pharmaceuticals</i> , 2021, 14, 1116.	3.8	9
137	Analysing effects of financial support for regional suicide prevention programmes on methods of suicide completion in Japan between 2009 and 2018 using governmental statistical data. <i>BMJ Open</i> , 2021, 11, e049538.	1.9	9
138	The Association of BDNF Val66Met Polymorphism With Trait Anxiety in Panic Disorder. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2014, 26, 344-351.	1.8	8
139	Microendoscopic decompression for lumbosacral foraminal stenosis: a novel surgical strategy based on anatomical considerations using 3D image fusion with MRI/CT. <i>Journal of Neurosurgery: Spine</i> , 2020, , 1-7.	1.7	8
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