

Motohiro Okada

List of Publications by Year in descending order

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Version: 2024-02-01

143
papers

3,322
citations

136950

32
h-index

214800

47
g-index

148
all docs

148
docs citations

148
times ranked

3252
citing authors

#	ARTICLE	IF	CITATIONS
1	Effectiveness of a Gelatinâ€“Thrombin Matrix Sealant (Flo seal®) for Reducing Blood Loss During Microendoscopic Decompression Surgery for Lumbar Spinal Canal Stenosis: A Retrospective Cohort Study. <i>Global Spine Journal</i> , 2023, 13, 764-770.	2.3	7
2	Can rodent models elucidate the pathomechanisms of genetic epilepsy?. <i>British Journal of Pharmacology</i> , 2022, 179, 1620-1639.	5.4	21
3	The impact of diabetes mellitus on spinal fracture with diffuse idiopathic skeletal hyperostosis: A multicenter retrospective study. <i>Journal of Orthopaedic Science</i> , 2022, 27, 582-587.	1.1	3
4	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
5	High frequency oscillations play important roles in development of epileptogenesis/ictogenesis via activation of astroglial signalling. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112846.	5.6	8
6	Analysing the Impacts of Financial Expenditure of Prefectures on Methods of Suicide Completion in Japan. <i>Psychiatry International</i> , 2022, 3, 1-16.	1.0	4
7	Relationships between Expenditure of Regional Governments and Suicide Mortalities Caused by Six Major Motives in Japan. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 84.	2.6	4
8	Incidence And Predictive Factors Of Massive Hemothorax Due To Thoracic Vertebral Fractures. <i>Spine Surgery and Related Research</i> , 2022, , .	0.7	0
9	Brivaracetam and Levetiracetam Suppress Astroglial L-Glutamate Release through Hemichannel via Inhibition of Synaptic Vesicle Protein. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4473.	4.1	5
10	Mortality and complications in elderly patients with cervical spine injuries. <i>Injury</i> , 2022, 53, 2114-2120.	1.7	2
11	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
12	Brexipiprazole Reduces 5-HT7 Receptor Function on Astroglial Transmission Systems. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6571.	4.1	8
13	Microendoscope-Assisted Decompression Surgery With Resection of Bony Fragment for Treating a Separation of Lumbar Posterior Ring Apophysis in Young Athletes. <i>Global Spine Journal</i> , 2021, 11, 889-895.	2.3	5
14	Current Limitations and Candidate Potential of 5-HT7 Receptor Antagonism in Psychiatric Pharmacotherapy. <i>Frontiers in Psychiatry</i> , 2021, 12, 623684.	2.6	25
15	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
16	Chronic Administrations of Guanfacine on Mesocortical Catecholaminergic and Thalamocortical Glutamatergic Transmissions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4122.	4.1	14
17	Impacts of Interaction of Mental Condition and Quality of Life between Donors and Recipients at Decision-Making of Preemptive and Post-Dialysis Living-Donor Kidney Transplantation. <i>Journal of Personalized Medicine</i> , 2021, 11, 414.	2.5	3
18	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

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19	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
20	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
21	Long-term Clinical Outcomes of Microendoscopic Laminotomy for Cervical Spondylotic Myelopathy. <i>Clinical Spine Surgery</i> , 2021, 34, 383-390.	1.3	5
22	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
23	Effects of Magnitude of Leading Stimulus on Prepulse Inhibition of Auditory Evoked Cerebral Responses: An Exploratory Study. <i>Life</i> , 2021, 11, 1024.	2.4	0
24	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
25	Effects of Subchronic Administrations of Vortioxetine, Lurasidone, and Escitalopram on Thalamocortical Glutamatergic Transmission Associated with Serotonin 5-HT ₇ Receptor. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1351.	4.1	24
26	Lateral lumbar interbody fusion after reduction using the percutaneous pedicle screw system in the lateral position for Meyerding grade II spondylolisthesis: a preliminary report of a new lumbar reconstruction strategy. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 17.	1.9	3
27	Anterior Decompression via a Single Posterior Approach Using the Ultrasonic Bone Scalpel for the Treatment of the Thoracic Segmental Ossification of Posterior Longitudinal Ligament: A Report of Three Cases. <i>Spine Surgery and Related Research</i> , 2021, 6, 79-85.	0.7	1
28	Astroglial Connexin43 as a Potential Target for a Mood Stabiliser. <i>International Journal of Molecular Sciences</i> , 2021, 22, 339.	4.1	25
29	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
30	Determining What Changed Japanese Suicide Mortality in 2020 Using Governmental Database. <i>Journal of Clinical Medicine</i> , 2021, 10, 5199.	2.4	15
31	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
32	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
33	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
34	Risk factors for delayed diagnosis of spinal fracture associated with diffuse idiopathic skeletal hyperostosis: A nationwide multiinstitution survey. <i>Journal of Orthopaedic Science</i> , 2020, 26, 968-973.	1.1	1
35	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
36	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

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37	Effects of Carbamazepine, Lacosamide and Zonisamide on Gliotransmitter Release Associated with Activated Astroglial Hemichannels. <i>Pharmaceuticals</i> , 2020, 13, 117.	3.8	26
38	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
39	Interaction between Mesocortical and Mesothalamic Catecholaminergic Transmissions Associated with NMDA Receptor in the Locus Coeruleus. <i>Biomolecules</i> , 2020, 10, 990.	4.0	11
40	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
41	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
42	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
43	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
44	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
45	A short-segment fusion strategy using a wide-foot-plate expandable cage for vertebral pseudarthrosis after an osteoporotic vertebral fracture. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 862-869.	1.7	12
46	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
47	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
48	Lurasidone inhibits NMDA receptor antagonist-induced functional abnormality of thalamocortical glutamatergic transmission via 5α -HT 7 receptor blockade. <i>British Journal of Pharmacology</i> , 2019, 176, 4002-4018.	5.4	34
49	Effects of Sound-Pressure Change on the 40 Hz Auditory Steady-State Response and Change-Related Cerebral Response. <i>Brain Sciences</i> , 2019, 9, 203.	2.3	7
50	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
51	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
52	Amantadine Combines Astroglial System Xc ⁺ Activation with Glutamate/NMDA Receptor Inhibition. <i>Biomolecules</i> , 2019, 9, 191.	4.0	35
53	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
54	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

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55	Microendoscopic Decompression for Lumbar Spinal Stenosis With Degenerative Spondylolisthesis. <i>Clinical Spine Surgery</i> , 2019, 32, E20-E26.	1.3	22
56	Amantadine Improves Delayed Neuropsychiatric Sequelae of Carbon Monoxide Poisoning: A Case Report. <i>Brain Sciences</i> , 2019, 9, 292.	2.3	1
57	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
58	Pharmacological Discrimination of Effects of MK801 on Thalamocortical, Mesothalamic, and Mesocortical Transmissions. <i>Biomolecules</i> , 2019, 9, 746.	4.0	25
59	Can Financial Support Reduce Suicide Mortality Rates?. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4797.	2.6	22
60	Memantine protects thalamocortical hyper α glutamatergic transmission induced by NMDA receptor antagonism via activation of system xc ⁺ . <i>Pharmacology Research and Perspectives</i> , 2019, 7, e00457.	2.4	44
61	Incidence and Risk Factors of Postoperative Delirium following Pancreatic Surgery: Does the Administration of TJ-54 Reduce the Incidence of Delirium. <i>Digestive Surgery</i> , 2018, 35, 1-10.	1.2	7
62	Prepulse Inhibition of the Auditory Off-Response: A Magnetoencephalographic Study. <i>Clinical EEG and Neuroscience</i> , 2018, 49, 152-158.	1.7	5
63	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
64	Effects of levetiracetam on astroglial release of kynurenine pathway metabolites. <i>British Journal of Pharmacology</i> , 2018, 175, 4253-4265.	5.4	22
65	Early versus delayed kyphoplasty for thoracolumbar osteoporotic vertebral fractures: The effect of timing on clinical and radiographic outcomes and subsequent compression fractures. <i>Clinical Neurology and Neurosurgery</i> , 2018, 173, 176-181.	1.4	37
66	Microendoscopic laminotomy versus conventional laminoplasty for cervical spondylotic myelopathy: 5-year follow-up study. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 403-409.	1.7	28
67	Noncontiguous double-level unstable spinal injuries. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2017, 27, 79-86.	1.4	6
68	Revisiting the Böhm-Bawerk "Edgeworth Controversy: Early Neoclassical Economists and Labour Exchange. <i>Review of Political Economy</i> , 2017, 29, 636-651.	1.1	2
69	Vilfredo Pareto on Labor: A Critical Re-examination. <i>Forum for Social Economics, The</i> , 2016, 45, 19-40.	2.2	2
70	Auditory change-related cerebral responses and personality traits. <i>Neuroscience Research</i> , 2016, 103, 34-39.	1.9	9
71	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
72	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

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73	Spontaneous epileptic seizures in transgenic rats harboring a human ADNFLE missense mutation in the β 2-subunit of the nicotinic acetylcholine receptor. <i>Neuroscience Research</i> , 2015, 100, 46-54.	1.9	17
74	A Novel Microendoscopically Assisted Approach for the Treatment of Recurrent Lumbar Disc Herniation: Transosseous Discectomy Surgery. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2014, 75, 183-188.	0.8	18
75	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
76	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
77	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
78	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
79	Zonisamide regulates basal ganglia transmission via astroglial kynurenine pathway. <i>Neuropharmacology</i> , 2014, 76, 137-145.	4.1	37
80	A Reassessment of Marx's Thought on Labour Exchange. <i>Review of Political Economy</i> , 2014, 26, 408-425.	1.1	16
81	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
82	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
83	Pulsed Electromagnetic Field (PEMF) Plus BMP-2 Upregulates Intervertebral Disc-Cell Matrix Synthesis More Than Either BMP-2 Alone or PEMF Alone. <i>Journal of Spinal Disorders and Techniques</i> , 2013, 26, E221-E226.	1.9	9
84	Upregulation of Intervertebral Disc-Cell Matrix Synthesis by Pulsed Electromagnetic Field Is Mediated by Bone Morphogenetic Proteins. <i>Journal of Spinal Disorders and Techniques</i> , 2013, 26, 167-173.	1.9	12
85	ONO-2506 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
86	Lamotrigine-Induced Neuroleptic Malignant Syndrome Under Risperidone Treatment: A Case Report. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2012, 24, E38-E39.	1.8	3
87	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
88	The Effect of Spinal Shortening After Total En Bloc Spondylectomy. <i>Journal of Spinal Disorders and Techniques</i> , 2012, 25, E183-E190.	1.9	16
89	Source localization of posterior slow waves of youth using dipole modeling. <i>Psychiatry and Clinical Neurosciences</i> , 2012, 66, 582-586.	1.8	4
90	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

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91	Novel $\hat{1}$ -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
92	Levetiracetam inhibits neurotransmitter release associated with CICR. <i>Neuroscience Letters</i> , 2012, 518, 69-74.	2.1	36
93	Memory-based pre-attentive auditory N1 elicited by sound movement. <i>Neuroscience Research</i> , 2012, 73, 248-251.	1.9	24
94	The development of agoraphobia is associated with the symptoms and location of a patient's first panic attack. <i>BioPsychoSocial Medicine</i> , 2012, 6, 12.	2.1	5
95	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
96	Clozapine, but not haloperidol, enhances glial α -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
97	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
98	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
99	Do the Adjacent Level Intervertebral Discs Degenerate After a Lumbar Spinal Fusion?. <i>Spine</i> , 2010, 35, E1144-E1152.	2.0	17
100	Pedicle Screw Augmentation With Polyethylene Tape. <i>Journal of Spinal Disorders and Techniques</i> , 2010, 23, 127-132.	1.9	26
101	An event-related fNIRS investigation of Japanese word order. <i>Experimental Brain Research</i> , 2010, 202, 239-246.	1.5	4
102	Validation criteria for genetic animal models of epilepsy. <i>Epilepsy and Seizure</i> , 2010, 3, 109-120.	0.2	10
103	Mutational analysis of GABRG2 in a Japanese cohort with childhood epilepsies. <i>Journal of Human Genetics</i> , 2010, 55, 375-378.	2.3	26
104	Effects of valproate on neurotransmission associated with ryanodine receptors. <i>Neuroscience Research</i> , 2010, 68, 322-328.	1.9	10
105	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
106	A de novo KCNQ2 mutation detected in non-familial benign neonatal convulsions. <i>Brain and Development</i> , 2009, 31, 27-33.	1.1	30
107	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
108	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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109	Specific panic attack symptoms in panic disorder patients with putative genetic factor. <i>Psychiatry and Clinical Neurosciences</i> , 2009, 63, 251-252.	1.8	1
110	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
111	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
112	Topiramate and zonisamide prevent paradoxical intoxication induced by carbamazepine and phenytoin. <i>Epilepsy Research</i> , 2009, 84, 172-186.	1.6	33
113	Knockdown of Cav2.1 calcium channels is sufficient to induce neurological disorders observed in natural occurring <i>Cacna1a</i> mutants in mice. <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 1029-1033.	2.1	19
114	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
115	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
116	Effects of zonisamide on neurotransmitter release associated with inositol triphosphate receptors. <i>Neuroscience Letters</i> , 2009, 454, 91-96.	2.1	20
117	Biomechanical Assessment of Minimally Invasive Decompression for Lumbar Spinal Canal Stenosis. <i>Journal of Spinal Disorders and Techniques</i> , 2009, 22, 486-491.	1.9	67
118	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
119	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
120	Erratum to "Associations between psychotic-like experiences and mental health status and other psychopathologies among Japanese early teens" [<i>Schizophrenia Research</i> 99 (1-3) (2008) 125-133]. <i>Schizophrenia Research</i> , 2008, 103, 318.	2.0	3
121	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
122	Dipole Source Analysis of Temporal Slow Waves in the Elderly. <i>Neuropsychobiology</i> , 2008, 57, 9-13.	1.9	3
123	A functional near-infrared spectroscopy study on the basic word order in Japanese. <i>NeuroReport</i> , 2008, 19, 915-919.	1.2	4
124	Sarpogrelate Hydrochloride, a 5-HT _{2A} Receptor Antagonist, Attenuates Neurogenic Pain Induced by Nucleus Pulposus in Rats. <i>Spine</i> , 2007, 32, 315-320.	2.0	17
125	Safety of Epidural Administration of Osteogenic Protein-1 (OP-1/BMP-7). <i>Spine</i> , 2007, 32, 1388-1393.	2.0	9
126	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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127	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
128	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
129	Mutation screening of AP3M2 in Japanese epilepsy patients. <i>Brain and Development</i> , 2007, 29, 462-467.	1.1	4
130	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
131	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
132	Effects of interleukin-1 β 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
133	Involvement of Ca ²⁺ -induced Ca ²⁺ releasing system in interleukin-1 β -associated adenosine release. <i>European Journal of Pharmacology</i> , 2006, 532, 246-252.	3.5	11
134	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
135	Effects of zonisamide on neurotransmitter exocytosis associated with ryanodine receptors. <i>Epilepsy Research</i> , 2005, 67, 153-162.	1.6	49
136	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
137	Genetics of Idiopathic Epilepsies. <i>Epilepsia</i> , 2005, 46, 38-43.	5.1	117
138	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
139	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
140	Both 3,4-dihydroxyphenylalanine and dopamine releases are regulated by Ca ²⁺ -induced Ca ²⁺ releasing system in rat striatum. <i>Neuroscience Letters</i> , 2004, 362, 244-248.	2.1	11
141	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
142	Determination of exocytosis mechanisms of DOPA in rat striatum using in vivo microdialysis. <i>Neuroscience Letters</i> , 2004, 367, 241-245.	2.1	6
143	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