

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 | Friedrich von Wieser on labour. <i>European Journal of the History of Economic Thought</i> , 2022, 29, 21-39. | 0.6 | 1 |
| 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 signalings. <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 | Briaracetam 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 |
| 9 | Catechol-O-methyltransferase (COMT) Val158Met Polymorphism and Prepulse Inhibition of the Change-related Cerebral Response. <i>Psychiatry Research - Neuroimaging</i> , 2022, 323, 111484. | 1.8 | 0 |
| 10 | 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 |
| 11 | Brexipiprazole Reduces 5-HT7 Receptor Function on Astroglial Transmission Systems. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6571. | 4.1 | 8 |
| 12 | Association of Serotonin Transporter Gene (5-HTTLPR/rs25531) Polymorphism with Comorbidities of Panic Disorder. <i>Neuropsychobiology</i> , 2021, 80, 333-341. | 1.9 | 3 |
| 13 | Maffeo Pantaleoni on labour exchange: bridge between neoclassicism and Fascism. <i>European Journal of the History of Economic Thought</i> , 2021, 28, 179-200. | 0.6 | 0 |
| 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 | Electrical field distribution of Change-N1 and its prepulse inhibition. <i>Neuroscience Letters</i> , 2021, 751, 135804. | 2.1 | 2 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 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 | Astroglial Connexin43 as a Potential Target for a Mood Stabiliser. <i>International Journal of Molecular Sciences</i> , 2021, 22, 339. | 4.1 | 25 |
| 27 | 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 |
| 28 | Determining What Changed Japanese Suicide Mortality in 2020 Using Governmental Database. <i>Journal of Clinical Medicine</i> , 2021, 10, 5199. | 2.4 | 15 |
| 29 | 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 | 2 |
| 30 | 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 |
| 31 | Pathogenesis and pathophysiology of autosomal dominant sleep-related hypermotor epilepsy with S284L mutant α subunit of nicotinic ACh receptor. <i>British Journal of Pharmacology</i> , 2020, 177, 2143-2162. | 5.4 | 39 |
| 32 | Weaker prepulse exerts stronger suppression of a change-detecting neural circuit. <i>Neuroscience Research</i> , 2020, 170, 195-200. | 1.9 | 3 |
| 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 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 | 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 |
| 43 | 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 |
| 44 | 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 |
| 45 | 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 |
| 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 5-HT7 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 hyperglutamatergic transmission induced by NMDA receptor antagonism via activation of system xc ⁺ . <i>Pharmacology Research and Perspectives</i> , 2019, 7, e00457. | 2.4 | 44 |
| 61 | Prepulse Inhibition of the Auditory Off-Response: A Magnetoencephalographic Study. <i>Clinical EEG and Neuroscience</i> , 2018, 49, 152-158. | 1.7 | 5 |
| 62 | 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 |
| 63 | Effects of levetiracetam on astroglial release of kynurenine pathway metabolites. <i>British Journal of Pharmacology</i> , 2018, 175, 4253-4265. | 5.4 | 22 |
| 64 | Revisiting the BÅhm-Bawerk Edgeworth Controversy: Early Neoclassical Economists and Labour Exchange. <i>Review of Political Economy</i> , 2017, 29, 636-651. | 1.1 | 2 |
| 65 | Vilfredo Pareto on Labor: A Critical Re-examination. <i>Forum for Social Economics, The</i> , 2016, 45, 19-40. | 2.2 | 2 |
| 66 | Auditory change-related cerebral responses and personality traits. <i>Neuroscience Research</i> , 2016, 103, 34-39. | 1.9 | 9 |
| 67 | Leon Walras's Thoughts on Labour in His Trilogy. <i>The History of Economic Thought</i> , 2016, 57, 25-45. | 0.0 | 2 |
| 68 | 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 |
| 69 | 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 |
| 70 | Spontaneous epileptic seizures in transgenic rats harboring a human ADNFLE missense mutation in the Î²2-subunit of the nicotinic acetylcholine receptor. <i>Neuroscience Research</i> , 2015, 100, 46-54. | 1.9 | 17 |
| 71 | 2014åççµæå. <i>Journal of the Japan Epilepsy Society</i> , 2015, 33, 97-100. | 0.2 | 0 |
| 72 | Title is missing!. <i>Journal of the Japan Epilepsy Society</i> , 2015, 33, 96-96. | 0.2 | 0 |

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|----|---|------|-----------|
| 73 | 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 |
| 74 | 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 |
| 75 | 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 |
| 76 | 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 |
| 77 | Zonisamide regulates basal ganglia transmission via astroglial kynurenine pathway. <i>Neuropharmacology</i> , 2014, 76, 137-145. | 4.1 | 37 |
| 78 | A Reassessment of Marx's Thought on Labour Exchange. <i>Review of Political Economy</i> , 2014, 26, 408-425. | 1.1 | 16 |
| 79 | 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 |
| 80 | 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 |
| 81 | 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 |
| 82 | 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 |
| 83 | 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 |
| 84 | Electroencephalographic Dipole Source Modeling of Frontal Intermittent Rhythmic Delta Activity. <i>Neuropsychobiology</i> , 2012, 65, 103-108. | 1.9 | 12 |
| 85 | Source localization of posterior slow waves of youth using dipole modeling. <i>Psychiatry and Clinical Neurosciences</i> , 2012, 66, 582-586. | 1.8 | 4 |
| 86 | 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 |
| 87 | Novel α 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 |
| 88 | Levetiracetam inhibits neurotransmitter release associated with CICR. <i>Neuroscience Letters</i> , 2012, 518, 69-74. | 2.1 | 36 |
| 89 | Memory-based pre-attentive auditory N1 elicited by sound movement. <i>Neuroscience Research</i> , 2012, 73, 248-251. | 1.9 | 24 |
| 90 | 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 |

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|-----|--|-----|-----------|
| 91 | 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 |
| 92 | Clozapine, but not haloperidol, enhances glial α -serine and α -glutamate release in rat frontal cortex and primary cultured astrocytes. <i>British Journal of Pharmacology</i> , 2012, 165, 1543-1555. | 5.4 | 121 |
| 93 | A Reappraisal of Jevons's Thought on Labour. <i>The History of Economic Thought</i> , 2012, 53, 21-40. | 0.0 | 4 |
| 94 | 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 |
| 95 | 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 |
| 96 | Marx versus Walras on Labour Exchange. <i>The History of Economic Thought</i> , 2011, 52, 46-62. | 0.0 | 3 |
| 97 | Do the Adjacent Level Intervertebral Discs Degenerate After a Lumbar Spinal Fusion?. <i>Spine</i> , 2010, 35, E1144-E1152. | 2.0 | 17 |
| 98 | An event-related fNIRS investigation of Japanese word order. <i>Experimental Brain Research</i> , 2010, 202, 239-246. | 1.5 | 4 |
| 99 | Validation criteria for genetic animal models of epilepsy. <i>Epilepsy and Seizure</i> , 2010, 3, 109-120. | 0.2 | 10 |
| 100 | Mutational analysis of GABRG2 in a Japanese cohort with childhood epilepsies. <i>Journal of Human Genetics</i> , 2010, 55, 375-378. | 2.3 | 26 |
| 101 | Effects of valproate on neurotransmission associated with ryanodine receptors. <i>Neuroscience Research</i> , 2010, 68, 322-328. | 1.9 | 10 |
| 102 | Intracellular CICR -associated pharmacological mechanism of action of antiepileptic drugs. <i>Epilepsy and Seizure</i> , 2010, 3, 154-162. | 0.2 | 0 |
| 103 | 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 |
| 104 | A de novo KCNQ2 mutation detected in non-familial benign neonatal convulsions. <i>Brain and Development</i> , 2009, 31, 27-33. | 1.1 | 30 |
| 105 | Development and optimization of a cell-based assay for the selection of synthetic compounds that potentiate bone morphogenetic protein α 2 activity. <i>Cell Biochemistry and Function</i> , 2009, 27, 526-534. | 2.9 | 37 |
| 106 | Effects of quetiapine on monoamine, GABA, and glutamate release in rat prefrontal cortex. <i>Psychopharmacology</i> , 2009, 206, 243-258. | 3.1 | 64 |
| 107 | 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 |
| 108 | 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 |

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|-----|---|-----|-----------|
| 109 | Topiramate and zonisamide prevent paradoxical intoxication induced by carbamazepine and phenytoin. <i>Epilepsy Research</i> , 2009, 84, 172-186. | 1.6 | 33 |
| 110 | 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 |
| 111 | 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 |
| 112 | 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 |
| 113 | Effects of zonisamide on neurotransmitter release associated with inositol triphosphate receptors. <i>Neuroscience Letters</i> , 2009, 454, 91-96. | 2.1 | 20 |
| 114 | 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 |
| 115 | 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 |
| 116 | Rats Harboring S284L <i><i>Chrna4</i></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 |
| 117 | Dipole Source Analysis of Temporal Slow Waves in the Elderly. <i>Neuropsychobiology</i> , 2008, 57, 9-13. | 1.9 | 3 |
| 118 | A functional near-infrared spectroscopy study on the basic word order in Japanese. <i>NeuroReport</i> , 2008, 19, 915-919. | 1.2 | 4 |
| 119 | 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 |
| 120 | Carbamazepine prevents breakdown of neurotransmitter release induced by hyperactivation of ryanodine receptor. <i>Neuropharmacology</i> , 2007, 52, 1538-1546. | 4.1 | 33 |
| 121 | Frontal dysfunction during a cognitive task in drug-naive patients with panic disorder as investigated by multi-channel near-infrared spectroscopy imaging. <i>Neuroscience Research</i> , 2007, 59, 107-112. | 1.9 | 43 |
| 122 | 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 |
| 123 | Mutation screening of AP3M2 in Japanese epilepsy patients. <i>Brain and Development</i> , 2007, 29, 462-467. | 1.1 | 4 |
| 124 | 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 |
| 125 | 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 |
| 126 | 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 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | 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 |
| 128 | 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 |
| 129 | Effects of zonisamide on neurotransmitter exocytosis associated with ryanodine receptors. <i>Epilepsy Research</i> , 2005, 67, 153-162. | 1.6 | 49 |
| 130 | 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 |
| 131 | Genetics of Idiopathic Epilepsies. <i>Epilepsia</i> , 2005, 46, 38-43. | 5.1 | 117 |
| 132 | Mechanisms of Calcium-Associated Exocytosis of Striatal Dopamine and DOPA Release Studied by In Vivo Microdialysis. , 2005, , 89-99. | | 0 |
| 133 | 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 |
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