

Se-Young Choi

List of Publications by Year in descending order

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Version: 2024-02-01

125
papers

6,342
citations

87401

40
h-index

84171

75
g-index

138
all docs

138
docs citations

138
times ranked

10032
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Production of human spinal-cord organoids recapitulating neural-tube morphogenesis. <i>Nature Biomedical Engineering</i> , 2022, 6, 435-448. | 11.6 | 40 |
| 2 | Expression of neurotransmitter receptors in oral keratinocytes and their response to agonists. <i>International Journal of Oral Biology: Official Journal of the Korean Academy of Oral Biology and the UCLA Dental Research Institute</i> , 2021, 46, 39-44. | 0.1 | 0 |
| 3 | Muscarinic Receptors and BK Channels Are Affected by Lipid Raft Disruption of Salivary Gland Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4780. | 1.8 | 4 |
| 4 | SALM4 negatively regulates NMDA receptor function and fear memory consolidation. <i>Communications Biology</i> , 2021, 4, 1138. | 2.0 | 2 |
| 5 | Neural stem cells derived from human midbrain organoids as a stable source for treating Parkinson's disease. <i>Progress in Neurobiology</i> , 2021, 204, 102086. | 2.8 | 26 |
| 6 | LAR-RPTPs Directly Interact with Neurexins to Coordinate Bidirectional Assembly of Molecular Machineries. <i>Journal of Neuroscience</i> , 2020, 40, 8438-8462. | 1.7 | 25 |
| 7 | PTP ^{1f} Controls Presynaptic Organization of Neurotransmitter Release Machinery at Excitatory Synapses. <i>iScience</i> , 2020, 23, 101203. | 1.9 | 16 |
| 8 | Protocol for Quantitative Analysis of Synaptic Vesicle Clustering in Axons of Cultured Neurons. <i>STAR Protocols</i> , 2020, 1, 100095. | 0.5 | 4 |
| 9 | Enhanced Prefrontal Neuronal Activity and Social Dominance Behavior in Postnatal Forebrain Excitatory Neuron-Specific Cyfip2 Knock-Out Mice. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 574947. | 1.4 | 9 |
| 10 | Altered presynaptic function and number of mitochondria in the medial prefrontal cortex of adult Cyfip2 heterozygous mice. <i>Molecular Brain</i> , 2020, 13, 123. | 1.3 | 6 |
| 11 | Haploinsufficiency of <i>Cyfip2</i> Causes Lithium-Responsive Prefrontal Dysfunction. <i>Annals of Neurology</i> , 2020, 88, 526-543. | 2.8 | 11 |
| 12 | Calsyntenin-3 interacts with both $\hat{1}\pm$ - and $\hat{1}^2$ -neurexins in the regulation of excitatory synaptic innervation in specific Schaffer collateral pathways. <i>Journal of Biological Chemistry</i> , 2020, 295, 9244-9262. | 1.6 | 14 |
| 13 | Receptor protein tyrosine phosphatase delta is not essential for synapse maintenance or transmission at hippocampal synapses. <i>Molecular Brain</i> , 2020, 13, 94. | 1.3 | 8 |
| 14 | Malignant transformation of oral lichen planus and related genetic factors. <i>International Journal of Oral Biology: Official Journal of the Korean Academy of Oral Biology and the UCLA Dental Research Institute</i> , 2020, 45, 1-7. | 0.1 | 1 |
| 15 | Dynamic Changes in the Bridging Collaterals of the Basal Ganglia Circuitry Control Stress-Related Behaviors in Mice. <i>Molecules and Cells</i> , 2020, 43, 360-372. | 1.0 | 0 |
| 16 | Activation of Astrocytic $\hat{1}^4$ -Opioid Receptor Causes Conditioned Place Preference. <i>Cell Reports</i> , 2019, 28, 1154-1166.e5. | 2.9 | 71 |
| 17 | <i>Negr1</i> regulates hippocampal <i>Lcn2</i> expression and affective behaviour via interaction with LIF receptor. <i>Molecular Psychiatry</i> , 2019, 24, 1095-1095. | 4.1 | 0 |
| 18 | Calsyntenin-3 regulates excitatory synapse formation via direct binding to neurexins. <i>IBRO Reports</i> , 2019, 6, S528. | 0.3 | 0 |

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|----|--|-----|-----------|
| 19 | Vaccinia-related kinase 2 plays a critical role in microglia-mediated synapse elimination during neurodevelopment. <i>Glia</i> , 2019, 67, 1667-1679. | 2.5 | 12 |
| 20 | Zn ²⁺ stimulates salivary secretions via metabotropic zinc receptor ZnR/GPR39 in human salivary gland cells. <i>Scientific Reports</i> , 2019, 9, 17648. | 1.6 | 8 |
| 21 | Negr1 controls adult hippocampal neurogenesis and affective behaviors. <i>Molecular Psychiatry</i> , 2019, 24, 1189-1205. | 4.1 | 59 |
| 22 | ZnR/GPR39 mediated human salivary secretion. <i>FASEB Journal</i> , 2019, 33, lb385. | 0.2 | 0 |
| 23 | Melatonin inhibits nicotinic acetylcholine receptor functions in bovine chromaffin cells. <i>International Journal of Oral Biology: Official Journal of the Korean Academy of Oral Biology and the UCLA Dental Research Institute</i> , 2019, 44, 50-54. | 0.1 | 2 |
| 24 | Synaptic and circuit development of the primary sensory cortex. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-9. | 3.2 | 14 |
| 25 | Cereblon Maintains Synaptic and Cognitive Function by Regulating BK Channel. <i>Journal of Neuroscience</i> , 2018, 38, 3571-3583. | 1.7 | 37 |
| 26 | BK channel blocker paxilline attenuates thalidomide-caused synaptic and cognitive dysfunctions in mice. <i>Scientific Reports</i> , 2018, 8, 17653. | 1.6 | 8 |
| 27 | Association of TRPV1 and TLR4 through the TIR domain potentiates TRPV1 activity by blocking activation-induced desensitization. <i>Molecular Pain</i> , 2018, 14, 174480691881263. | 1.0 | 18 |
| 28 | Two distinct mechanisms for experience-dependent homeostasis. <i>Nature Neuroscience</i> , 2018, 21, 843-850. | 7.1 | 52 |
| 29 | Epidural Electrotherapy for Epilepsy. <i>Small</i> , 2018, 14, e1801732. | 5.2 | 14 |
| 30 | Human salivary gland cells express bradykinin receptors that modulate the expression of proinflammatory cytokines. <i>European Journal of Oral Sciences</i> , 2017, 125, 18-27. | 0.7 | 6 |
| 31 | Intranasal Oxytocin following Uncontrollable Stress Blocks Impairments in Hippocampal Plasticity and Recognition Memory in Stressed Rats. <i>International Journal of Neuropsychopharmacology</i> , 2017, 20, 861-866. | 1.0 | 32 |
| 32 | Autism-like behavior caused by deletion of vaccinia-related kinase 3 is improved by TrkB stimulation. <i>Journal of Experimental Medicine</i> , 2017, 214, 2947-2966. | 4.2 | 23 |
| 33 | Decreased hippocampal brain-derived neurotrophic factor and impaired cognitive function by hypoglossal nerve transection in rats. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 3752-3760. | 1.6 | 4 |
| 34 | Increased Excitatory Synaptic Transmission of Dentate Granule Neurons in Mice Lacking PSD-95-Interacting Adhesion Molecule Neph2/Kirrel3 during the Early Postnatal Period. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 81. | 1.4 | 14 |
| 35 | Polychlorinated biphenyl 19 blocks the most common form of store-operated Ca ²⁺ entry through Orai. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2017, 390, 1221-1228. | 1.4 | 3 |
| 36 | Non-Dioxin-Like Polychlorinated Biphenyls Inhibit G-Protein Coupled Receptor-Mediated Ca ²⁺ Signaling by Blocking Store-Operated Ca ²⁺ Entry. <i>PLoS ONE</i> , 2016, 11, e0150921. | 1.1 | 5 |

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|----|---|-----|-----------|
| 37 | SALM4 suppresses excitatory synapse development by cis-inhibiting trans-synaptic SALM3 β -LAR adhesion. <i>Nature Communications</i> , 2016, 7, 12328. | 5.8 | 30 |
| 38 | BMP signaling modulates the probability of neurotransmitter release and readily releasable pools in <i>Drosophila</i> neuromuscular junction synapses. <i>Biochemical and Biophysical Research Communications</i> , 2016, 479, 440-446. | 1.0 | 8 |
| 39 | Epigenetic regulation of CFTR in salivary gland. <i>Biochemical and Biophysical Research Communications</i> , 2016, 481, 31-37. | 1.0 | 8 |
| 40 | LRRTM3 Regulates Excitatory Synapse Development through Alternative Splicing and Neurexin Binding. <i>Cell Reports</i> , 2016, 14, 808-822. | 2.9 | 61 |
| 41 | Caspase-cleaved tau exhibits rapid memory impairment associated with tau oligomers in a transgenic mouse model. <i>Neurobiology of Disease</i> , 2016, 87, 19-28. | 2.1 | 54 |
| 42 | Data compression of excitatory postsynaptic potentials. <i>Electronics Letters</i> , 2015, 51, 1407-1409. | 0.5 | 0 |
| 43 | Low levels of methyl β -cyclodextrin disrupt GluA1-dependent synaptic potentiation but not synaptic depression. <i>Journal of Neurochemistry</i> , 2015, 132, 276-285. | 2.1 | 8 |
| 44 | Oxytocin Protects Hippocampal Memory and Plasticity from Uncontrollable Stress. <i>Scientific Reports</i> , 2015, 5, 18540. | 1.6 | 84 |
| 45 | Epigenetic alteration of the purinergic type 7 receptor in salivary epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 466, 704-710. | 1.0 | 10 |
| 46 | Splicing-Dependent Trans-synaptic SALM3 β -LAR-RPTP Interactions Regulate Excitatory Synapse Development and Locomotion. <i>Cell Reports</i> , 2015, 12, 1618-1630. | 2.9 | 65 |
| 47 | Toll-like receptor-2 deficiency induces schizophrenia-like behaviors in mice. <i>Scientific Reports</i> , 2015, 5, 8502. | 1.6 | 72 |
| 48 | Desipramine inhibits salivary Ca ²⁺ signaling and aquaporin translocation. <i>Oral Diseases</i> , 2015, 21, 530-535. | 1.5 | 3 |
| 49 | Cortisone and hydrocortisone inhibit human Kv1.3 activity in a non-genomic manner. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2015, 388, 653-661. | 1.4 | 2 |
| 50 | Channel-mediated astrocytic glutamate modulates hippocampal synaptic plasticity by activating postsynaptic NMDA receptors. <i>Molecular Brain</i> , 2015, 8, 7. | 1.3 | 64 |
| 51 | Epigenetic modulation of the muscarinic type 3 receptor in salivary epithelial cells. <i>Laboratory Investigation</i> , 2015, 95, 237-245. | 1.7 | 6 |
| 52 | Melatonin inhibits voltage-sensitive Ca ²⁺ channel-mediated neurotransmitter release. <i>Brain Research</i> , 2014, 1557, 34-42. | 1.1 | 27 |
| 53 | Prostaglandin modulates TLR3-induced cytokine expression in human astrogloma cells. <i>Brain Research</i> , 2014, 1589, 54-60. | 1.1 | 6 |
| 54 | Imiquimod induces a Toll-like receptor 7-independent increase in intracellular calcium via IP3 receptor activation. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 875-879. | 1.0 | 17 |

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|----|---|------|-----------|
| 55 | Dlg5 Regulates Dendritic Spine Formation and Synaptogenesis by Controlling Subcellular N-Cadherin Localization. <i>Journal of Neuroscience</i> , 2014, 34, 12745-12761. | 1.7 | 29 |
| 56 | Role of dopamine D2 receptors in plasticity of stress-induced addictive behaviours. <i>Nature Communications</i> , 2013, 4, 1579. | 5.8 | 61 |
| 57 | PICK1 interacts with PACSIN to regulate AMPA receptor internalization and cerebellar long-term depression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13976-13981. | 3.3 | 68 |
| 58 | High-Throughput Genetic Screen for Synaptogenic Factors: Identification of LRP6 as Critical for Excitatory Synapse Development. <i>Cell Reports</i> , 2013, 5, 1330-1341. | 2.9 | 52 |
| 59 | IRBIT plays an important role in NHE3-mediated pHi regulation in HSG cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 437, 18-22. | 1.0 | 7 |
| 60 | Rescue of fragile X syndrome phenotypes in <i>Fmr1</i> KO mice by the small-molecule PAK inhibitor FRAX486. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5671-5676. | 3.3 | 205 |
| 61 | Capsaicin Regulates the NF- κ B Pathway in Salivary Gland Inflammation. <i>Journal of Dental Research</i> , 2013, 92, 547-552. | 2.5 | 31 |
| 62 | Fc γ RIIb mediates amyloid- β neurotoxicity and memory impairment in Alzheimer's disease. <i>Journal of Clinical Investigation</i> , 2013, 123, 2791-2802. | 3.9 | 105 |
| 63 | c-Jun N-terminal phosphorylation is essential for hippocampal synaptic plasticity. <i>Neuroscience Letters</i> , 2012, 531, 14-19. | 1.0 | 16 |
| 64 | Autoantibodies in Sjögren's syndrome patients acutely inhibit muscarinic receptor function. <i>Oral Diseases</i> , 2012, 18, 132-139. | 1.5 | 14 |
| 65 | Regulation of hippocampal long-term potentiation and long-term depression by diacylglycerol kinase α . <i>Hippocampus</i> , 2012, 22, 1018-1026. | 0.9 | 29 |
| 66 | Desipramine Inhibits Histamine H1 Receptor-Induced Ca ²⁺ Signaling in Rat Hypothalamic Cells. <i>PLoS ONE</i> , 2012, 7, e36185. | 1.1 | 5 |
| 67 | DGK β regulates presynaptic release during mGluR-dependent LTD. <i>EMBO Journal</i> , 2011, 30, 165-180. | 3.5 | 55 |
| 68 | Intracellular Acidification Is Associated with Changes in Free Cytosolic Calcium and Inhibition of Action Potentials in Rat Trigeminal Ganglion. <i>Journal of Biological Chemistry</i> , 2011, 286, 1719-1729. | 1.6 | 29 |
| 69 | GIT1 is associated with ADHD in humans and ADHD-like behaviors in mice. <i>Nature Medicine</i> , 2011, 17, 566-572. | 15.2 | 140 |
| 70 | Effects of Saccharin Intake on Hippocampal and Cortical Plasticity in Juvenile and Adolescent Rats. <i>Korean Journal of Physiology and Pharmacology</i> , 2010, 14, 113. | 0.6 | 4 |
| 71 | Enhanced Hypothalamic Leptin Signaling in Mice Lacking Dopamine D2 Receptors. <i>Journal of Biological Chemistry</i> , 2010, 285, 8905-8917. | 1.6 | 68 |
| 72 | Microglial Toll-like Receptor 2 Contributes to Kainic Acid-induced Glial Activation and Hippocampal Neuronal Cell Death. <i>Journal of Biological Chemistry</i> , 2010, 285, 39447-39457. | 1.6 | 58 |

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|----|---|-----|-----------|
| 73 | Regulation of Synaptic Rac1 Activity, Long-Term Potentiation Maintenance, and Learning and Memory by BCR and ABR Rac GTPase-Activating Proteins. <i>Journal of Neuroscience</i> , 2010, 30, 14134-14144. | 1.7 | 91 |
| 74 | Sphingosine-1-phosphate Signaling in Human Submandibular Cells. <i>Journal of Dental Research</i> , 2010, 89, 1148-1153. | 2.5 | 9 |
| 75 | Regulation of Dendritic Spines, Spatial Memory, and Embryonic Development by the TANC Family of PSD-95-Interacting Proteins. <i>Journal of Neuroscience</i> , 2010, 30, 15102-15112. | 1.7 | 58 |
| 76 | Effects of atypical antipsychotic drugs on body weight and food intake in dopamine D2 receptor knockout mice. <i>Biochemical and Biophysical Research Communications</i> , 2010, 393, 235-241. | 1.0 | 16 |
| 77 | Human astrocytic bradykinin B2 receptor modulates zymosan-induced cytokine expression in 1321N1 cells. <i>Peptides</i> , 2010, 31, 101-107. | 1.2 | 14 |
| 78 | P2X7 Receptor-mediated Membrane Blebbing in Salivary Epithelial Cells. <i>Korean Journal of Physiology and Pharmacology</i> , 2009, 13, 175. | 0.6 | 12 |
| 79 | Enhanced NMDA Receptor-Mediated Synaptic Transmission, Enhanced Long-Term Potentiation, and Impaired Learning and Memory in Mice Lacking IRSp53. <i>Journal of Neuroscience</i> , 2009, 29, 1586-1595. | 1.7 | 141 |
| 80 | Role of Purinergic Receptor in Alpha Fodrin Degradation in Par C5 Cells. <i>Journal of Dental Research</i> , 2009, 88, 927-932. | 2.5 | 10 |
| 81 | Regulated RalBP1 Binding to RalA and PSD-95 Controls AMPA Receptor Endocytosis and LTD. <i>PLoS Biology</i> , 2009, 7, e1000187. | 2.6 | 57 |
| 82 | Histamine H1 Receptor Induces Cytosolic Calcium Increase and Aquaporin Translocation in Human Salivary Gland Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 330, 403-412. | 1.3 | 33 |
| 83 | Synaptic removal of diacylglycerol by DGK α and PSD-95 regulates dendritic spine maintenance. <i>EMBO Journal</i> , 2009, 28, 1170-1179. | 3.5 | 57 |
| 84 | The maintenance of specific aspects of neuronal function and behavior is dependent on programmed cell death of adult-generated neurons in the dentate gyrus. <i>European Journal of Neuroscience</i> , 2009, 29, 1408-1421. | 1.2 | 40 |
| 85 | Potentiation of PGE2-mediated cAMP production during neuronal differentiation of human neuroblastoma SK-N-BE(2)C cells. <i>Journal of Neurochemistry</i> , 2008, 79, 303-310. | 2.1 | 25 |
| 86 | Immunoglobulin and Cytokine Production from Mesenteric Lymph Node Lymphocytes Is Regulated by Extracts of <i>Cordyceps sinensis</i> in C57Bl/6N Mice. <i>Journal of Medicinal Food</i> , 2008, 11, 784-788. | 0.8 | 14 |
| 87 | Toll-like receptor 2 contributes to glial cell activation and heme oxygenase-1 expression in traumatic brain injury. <i>Neuroscience Letters</i> , 2008, 431, 123-128. | 1.0 | 36 |
| 88 | Inhibition of p21-activated kinase rescues symptoms of fragile X syndrome in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 11489-11494. | 3.3 | 248 |
| 89 | A Critical Role of Toll-like Receptor 2 in Nerve Injury-induced Spinal Cord Glial Cell Activation and Pain Hypersensitivity. <i>Journal of Biological Chemistry</i> , 2007, 282, 14975-14983. | 1.6 | 264 |
| 90 | Double-stranded RNA induces iNOS gene expression in Schwann cells, sensory neuronal death, and peripheral nerve demyelination. <i>Glia</i> , 2007, 55, 712-722. | 2.5 | 31 |

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|-----|--|-----|-----------|
| 91 | Molecular cloning and functional expression of a sodium bicarbonate cotransporter from guinea-pig parotid glands. <i>Biochemical and Biophysical Research Communications</i> , 2006, 342, 1114-1122. | 1.0 | 9 |
| 92 | Necrotic neuronal cells induce inflammatory Schwann cell activation via TLR2 and TLR3: Implication in Wallerian degeneration. <i>Biochemical and Biophysical Research Communications</i> , 2006, 350, 742-747. | 1.0 | 80 |
| 93 | Effects of pilocarpine on the secretory acinar cells in human submandibular glands. <i>Life Sciences</i> , 2006, 79, 2441-2447. | 2.0 | 16 |
| 94 | Activation of glia and microglial p38 MAPK in medullary dorsal horn contributes to tactile hypersensitivity following trigeminal sensory nerve injury. <i>Pain</i> , 2006, 121, 219-231. | 2.0 | 188 |
| 95 | Involvement of transient receptor potential vanilloid-1 in calcium current inhibition by capsaicin. <i>NeuroReport</i> , 2006, 17, 145-149. | 0.6 | 5 |
| 96 | Chemical modification of the human ether-a-go-go-related gene (HERG) K ⁺ current by the amino-group reagent trinitrobenzene sulfonic acid. <i>Archives of Pharmacal Research</i> , 2006, 29, 310-317. | 2.7 | 1 |
| 97 | Systemic administration of minocycline inhibits formalin-induced inflammatory pain in rat. <i>Brain Research</i> , 2006, 1072, 208-214. | 1.1 | 59 |
| 98 | DYRK1A BAC transgenic mice show altered synaptic plasticity with learning and memory defects. <i>Neurobiology of Disease</i> , 2006, 22, 463-472. | 2.1 | 203 |
| 99 | TLR3-mediated signal induces proinflammatory cytokine and chemokine gene expression in astrocytes: Differential signaling mechanisms of TLR3-induced IP-10 and IL-8 gene expression. <i>Glia</i> , 2006, 53, 248-256. | 2.5 | 151 |
| 100 | Mechanosensitivity of voltage-gated K ⁺ currents in rat trigeminal ganglion neurons. <i>Journal of Neuroscience Research</i> , 2006, 83, 1373-1380. | 1.3 | 21 |
| 101 | Expression of the Na ⁺ -HCO ₃ ⁻ cotransporter and its role in pH regulation in guinea pig salivary glands. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 291, G1031-G1040. | 1.6 | 21 |
| 102 | Functional Expression of Thermo-transient Receptor Potential Channels in Dental Primary Afferent Neurons. <i>Journal of Biological Chemistry</i> , 2006, 281, 17304-17311. | 1.6 | 118 |
| 103 | Isoliquiritigenin Selectively Inhibits H2 Histamine Receptor Signaling. <i>Molecular Pharmacology</i> , 2006, 70, 493-500. | 1.0 | 31 |
| 104 | Conditional Inactivation of Presenilin 1 Prevents Amyloid Accumulation and Temporarily Rescues Contextual and Spatial Working Memory Impairments in Amyloid Precursor Protein Transgenic Mice. <i>Journal of Neuroscience</i> , 2005, 25, 6755-6764. | 1.7 | 139 |
| 105 | Multiple Receptors Coupled to Phospholipase C Gate Long-Term Depression in Visual Cortex. <i>Journal of Neuroscience</i> , 2005, 25, 11433-11443. | 1.7 | 88 |
| 106 | Inhibition of Human ether-a-go-go-Related Gene K ⁺ Channel and IKr of Guinea Pig Cardiomyocytes by Antipsychotic Drug Trifluoperazine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 313, 888-895. | 1.3 | 33 |
| 107 | Inhibitory effects of autoantibodies on the muscarinic receptors in Sjögren's syndrome. <i>Laboratory Investigation</i> , 2004, 84, 1430-1438. | 1.7 | 98 |
| 108 | CpG oligodeoxynucleotides induce expression of proinflammatory cytokines and chemokines in astrocytes: the role of c-Jun N-terminal kinase in CpG ODN-mediated NF- κ B activation. <i>Journal of Neuroimmunology</i> , 2004, 153, 50-63. | 1.1 | 37 |

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|-----|--|-----|-----------|
| 109 | Altered Cortical Synaptic Morphology and Impaired Memory Consolidation in Forebrain- Specific Dominant-Negative PAK Transgenic Mice. <i>Neuron</i> , 2004, 42, 773-787. | 3.8 | 250 |
| 110 | Loss of Presenilin Function Causes Impairments of Memory and Synaptic Plasticity Followed by Age-Dependent Neurodegeneration. <i>Neuron</i> , 2004, 42, 23-36. | 3.8 | 701 |
| 111 | Block of HERG Human K ⁺ Channel and IKr of Guinea Pig Cardiomyocytes by Chlorpromazine. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 43, 706-714. | 0.8 | 17 |
| 112 | Molecular mechanisms underlying calcium current modulation by nociceptin. <i>NeuroReport</i> , 2004, 15, 2205-2209. | 0.6 | 15 |
| 113 | Implementation of computational methods to pattern recognition of movement behavior of <i>Blattella germanica</i> (Blattaria: Blattellidae) treated with Ca ²⁺ signal inducing chemicals. <i>Applied Entomology and Zoology</i> , 2004, 39, 79-96. | 0.6 | 32 |
| 114 | Absence of Long-Term Depression in the Visual Cortex of Glutamic Acid Decarboxylase-65 Knock-Out Mice. <i>Journal of Neuroscience</i> , 2002, 22, 5271-5276. | 1.7 | 73 |
| 115 | Dark Rearing Alters the Development of GABAergic Transmission in Visual Cortex. <i>Journal of Neuroscience</i> , 2002, 22, 8084-8090. | 1.7 | 273 |
| 116 | APP Processing and Synaptic Plasticity in Presenilin-1 Conditional Knockout Mice. <i>Neuron</i> , 2001, 31, 713-726. | 3.8 | 233 |
| 117 | Effects of Polychlorinated Biphenyl 19 (2,2,6-Trichlorobiphenyl) on Contraction, Ca ²⁺ Transient, and Ca ²⁺ Current of Cardiac Myocytes. <i>Journal of Cardiovascular Pharmacology</i> , 2001, 38, 11-20. | 0.8 | 52 |
| 118 | Chlorpromazine inhibits store-operated calcium entry and subsequent noradrenaline secretion in PC12 cells. <i>British Journal of Pharmacology</i> , 2001, 132, 411-418. | 2.7 | 26 |
| 119 | Inhibition of nicotinic acetylcholine receptors and calcium channels by clozapine in bovine adrenal chromaffin cells11Abbreviations: CPZ, chlorpromazine; nAChR, nicotinic acetylcholine receptor; VSCC, voltage-sensitive calcium channel; DMPP, 1,1-dimethyl-4-phenylpiperazinium iodide; SBFI, sodium-binding benzofuran isophthalate; [3H]NE, [3H]norepinephrine; DMEM/F-12, Dulbecco's modified Eagle's medium/F-12; [Ca ²⁺] _i , cytosolic free Ca ²⁺ concentration; [Na ⁺] _i , cytosolic free Na ⁺ concentration; and EPS, extrapy. <i>Biochemical Pharmacology</i> , 2001, 61, 1011-1019. | 2.0 | 28 |
| 120 | Capsaicin Inhibits Platelet-Activating Factor-Induced Cytosolic Ca ²⁺ Rise and Superoxide Production. <i>Journal of Immunology</i> , 2000, 165, 3992-3998. | 0.4 | 19 |
| 121 | Characterization of high affinity neurotensin receptor NTR1 in HL-60 cells and its down regulation during granulocytic differentiation. <i>British Journal of Pharmacology</i> , 1999, 126, 1050-1056. | 2.7 | 23 |
| 122 | Opposing effects of protein kinase A and C on capacitative calcium entry into HL-60 promyelocytes. <i>Biochemical Pharmacology</i> , 1998, 56, 561-567. | 2.0 | 23 |
| 123 | Extracellular ATP-stimulated increase of cytosolic cAMP in HL-60 cells. <i>Biochemical Pharmacology</i> , 1997, 53, 429-432. | 2.0 | 28 |
| 124 | Characterization of Na ⁺ influx mediated by ATP-activated P ₂ purinoceptors in PC12 cells. <i>British Journal of Pharmacology</i> , 1996, 118, 935-940. | 2.7 | 14 |
| 125 | Transcriptional enhancement of tyrosine hydroxylase by prostaglandin E2 in SK-N-BE(2)C cells. <i>Molecular Brain Research</i> , 1996, 39, 177-184. | 2.5 | 10 |