# Maria Grazia De Simoni

List of Publications by Year
in descending order



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|---|---|---|---|
| 166 papers | 10,232 citations | 34493 54 h-index | 43601 95 g-index |
| 176 all docs | 176 docs citations | 176 times ranked | 12217 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Protein Expression of the Microglial Marker Tmem119 Decreases in Association With Morphological Changes and Location in a Mouse Model of Traumatic Brain Injury. Frontiers in Cellular Neuroscience, 2022, 16, 820127. | 1.8 | 24 |
| 2 | New nanostructures inhibiting human mannose binding lectin identified by a novel surface plasmon resonance assay. Sensors and Actuators B: Chemical, 2022, 360, 131661. | 4.0 | 0 |
| 3 | Defective endoplasmic reticulum-mitochondria contacts and bioenergetics in SEPN1-related myopathy. Cell Death and Differentiation, 2021, 28, 123-138. | 5.0 | 29 |
| 4 | Î²2 glycoprotein I participates in phagocytosis of apoptotic neurons and in vascular injury in experimental brain stroke. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 0271678X2098455. | 2.4 | 8 |
| 5 | Plasma-derived and recombinant C1 esterase inhibitor: Binding profiles and neuroprotective properties in brain ischemia/reperfusion injury. Brain, Behavior, and Immunity, 2021, 93, 299-311. | 2.0 | 10 |
| 6 | Ficolin-2 serum levels predict the occurrence of acute coronary syndrome in patients with severe carotid artery stenosis. Pharmacological Research, 2021, 166, 105462. | 3.1 | 10 |
| 7 | Long pentraxin PTX3 is upregulated systemically and centrally after experimental neurotrauma, but its depletion leaves unaltered sensorimotor deficits or histopathology. Scientific Reports, 2021, 11, 9616. | 1.6 | 12 |
| 8 | Mannose-binding lectin promotes blood-brain barrier breakdown and exacerbates axonal damage after traumatic brain injury in mice. Experimental Neurology, 2021, 346, 113865. | 2.0 | 3 |
| 9 | Initiators of Classical and Lectin Complement Pathways Are Differently Engaged after Traumatic Brain Injuryâ€"Time-Dependent Changes in the Cortex, Striatum, Thalamus and Hippocampus in a Mouse Model. International Journal of Molecular Sciences, 2021, 22, 45. | 1.8 | 8 |
| 10 | Brain Kynurenine Pathway and Functional Outcome of Rats Resuscitated From Cardiac Arrest. Journal of the American Heart Association, 2021, 10, e021071. | 1.6 | 2 |
| 11 | Specific contribution of mannose-binding lectin murine isoforms to brain ischemia/reperfusion injury. Cellular and Molecular Immunology, 2020, 17, 218-226. | 4.8 | 16 |
| 12 | Mannose-binding lectin has a direct deleterious effect on ischemic brain microvascular endothelial cells. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1608-1620. | 2.4 | 12 |
| 13 | Traumatic brain injury in mice induces changes in the expression of the XCL1/XCR1 and XCL1/ITGA9 axes. Pharmacological Reports, 2020, 72, 1579-1592. | 1.5 | 7 |
| 14 | Changes in macrophage inflammatory protein-1 (MIP-1) family members expression induced by traumatic brain injury in mice. Immunobiology, 2020, 225, 151911. | 0.8 | 22 |
| 15 | The CCL2/CCL7/CCL12/CCR2 pathway is substantially and persistently upregulated in mice after traumatic brain injury, and CCL2 modulates the complement system in microglia. Molecular and Cellular Probes, 2020, 54, 101671. | 0.9 | 26 |
| 16 | Targeted deletions of complement lectin pathway genes improve outcome in traumatic brain injury, with MASP-2 playing a major role. Acta Neuropathologica Communications, 2020, 8, 174. | 2.4 | 10 |
| 17 | Multicentre translational Trial of Remote Ischaemic Conditioning in Acute Ischaemic Stroke (TRICS): protocol of multicentre, parallel group, randomised, preclinical trial in female and male rat and mouse from the Italian Stroke Organization (ISO) Basic Science networkMulticentre translational Trial of Remote Ischaemic Conditioning in Acute Ischaemic Stroke (TRICS): protocol of multicentre, parallel group, randomised, preclinical trial in female and male rat and mouse from. BMJ Open Science, 2020, 4, e100063. | 0.8 | 7 |
| 18 | Combined Genetic Deletion of IL (Interleukin)-4, IL-5, IL-9, and IL-13 Does Not Affect Ischemic Brain Injury in Mice. Stroke, 2019, 50, 2207-2215. | 1.0 | 14 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Dexamethasone Conjugation to Biodegradable Avidin-Nucleic-Acid-Nano-Assemblies Promotes Selective Liver Targeting and Improves Therapeutic Efficacy in an Autoimmune Hepatitis Murine Model. ACS Nano, 2019, 13, 4410-4423. | 7.3 | 47 |
| 20 | SELENON (SEPN1) protects skeletal muscle from saturated fatty acid-induced ER stress and insulin resistance. Redox Biology, 2019, 24, 101176. | 3.9 | 41 |
| 21 | Response by Perego et al to Letter Regarding Article, â€œCombined Genetic Deletion of IL (Interleukin)-4, IL-5, IL-9, and IL-13 Does Not Affect Ischemic Brain Injury in Miceâ€• Stroke, 2019, 50, e330. | 1.0 | 1 |
| 22 | The phagocytic state of brain myeloid cells after ischemia revealed by superresolution structured illumination microscopy. Journal of Neuroinflammation, 2019, 16, 9. | 3.1 | 20 |
| 23 | Human brain trauma severity is associated with lectin complement pathway activation. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 794-807. | 2.4 | 24 |
| 24 | Single severe traumatic brain injury produces progressive pathology with ongoing contralateral white matter damage one year after injury. Experimental Neurology, 2018, 300, 167-178. | 2.0 | 86 |
| 25 | NEW INSIGHTS INTO CELLULAR FUNCTIONS. Neuromuscular Disorders, 2018, 28, S88. | 0.3 | 0 |
| 26 | Mannose-Binding Lectin Drives Platelet Inflammatory Phenotype and Vascular Damage After Cerebral Ischemia in Mice via IL (Interleukin)-1Î±. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2678-2690. | 1.1 | 34 |
| 27 | Induction of a transmissible tau pathology by traumatic brain injury. Brain, 2018, 141, 2685-2699. | 3.7 | 74 |
| 28 | Pharmacological inhibition of mannose-binding lectin ameliorates neurobehavioral dysfunction following experimental traumatic brain injury. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 938-950. | 2.4 | 35 |
| 29 | Targeting Extracellular Cyclophilin A Reduces Neuroinflammation and Extends Survival in a Mouse Model of Amyotrophic Lateral Sclerosis. Journal of Neuroscience, 2017, 37, 1413-1427. | 1.7 | 42 |
| 30 | Intravenous infusion of human bone marrow mesenchymal stromal cells promotes functional recovery and neuroplasticity after ischemic stroke in mice. Scientific Reports, 2017, 7, 6962. | 1.6 | 36 |
| 31 | Mannose-binding lectin drives vascular damage and interacts with platelet-derived IL-1Î± after cerebral ischemia in mice. Molecular Immunology, 2017, 89, 185. | 1.0 | 0 |
| 32 | Lectin Pathway of Complement Activation Is Associated with Vulnerability of Atherosclerotic Plaques. Frontiers in Immunology, 2017, 8, 288. | 2.2 | 30 |
| 33 | C-Reactive Protein Binds to Cholesterol Crystals and Co-Localizes with the Terminal Complement Complex in Human Atherosclerotic Plaques. Frontiers in Immunology, 2017, 8, 1040. | 2.2 | 21 |
| 34 | Protection of Brain Injury by Amniotic Mesenchymal Stromal Cell-Secreted Metabolites. Critical Care Medicine, 2016, 44, e1118-e1131. | 0.4 | 66 |
| 35 | Scaffold Optimisation of Tetravalent Antagonists of the Mannose Binding Lectin. Chemistry - A European Journal, 2016, 22, 3686-3691. | 1.7 | 7 |
| 36 | A New Surface Plasmon Resonance Assay for In Vitro Screening of Mannose-Binding Lectin Inhibitors. Journal of Biomolecular Screening, 2016, 21, 749-757. | 2.6 | 9 |

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|---|---|---|---|
| 37 | Macrophages are essential for maintaining a M2 protective response early after ischemic brain injury. Neurobiology of Disease, 2016, 96, 284-293. | 2.1 | 82 |
| 38 | Differential transgene expression patterns in Alzheimer mouse models revealed by novel human amyloid precursor proteinâ€specific antibodies. Aging Cell, 2016, 15, 953-963. | 3.0 | 22 |
| 39 | Mannan binding lectin-associated serine protease-2 (MASP-2) critically contributes to post-ischemic brain injury independent of MASP-1. Journal of Neuroinflammation, 2016, 13, 213. | 3.1 | 59 |
| 40 | Lectin Complement Pathway and Its Bloody Interactions in Brain Ischemia. Stroke, 2016, 47, 3067-3073. | 1.0 | 33 |
| 41 | Early ficolin-1 is a sensitive prognostic marker for functional outcome in ischemic stroke. Journal of Neuroinflammation, 2016, 13, 16. | 3.1 | 58 |
| 42 | Fractalkine Receptor Deficiency Is Associated with Early Protection but Late Worsening of Outcome following Brain Trauma in Mice. Journal of Neurotrauma, 2016, 33, 1060-1072. | 1.7 | 75 |
| 43 | Internalization of nanopolymeric tracers does not alter characteristics of placental cells. Journal of Cellular and Molecular Medicine, 2016, 20, 1036-1048. | 1.6 | 4 |
| 44 | The Ischemic Environment Drives Microglia and Macrophage Function. Frontiers in Neurology, 2015, 6, 81. | 1.1 | 217 |
| 45 | Direct Reprogramming of Human Bone Marrow Stromal Cells into Functional Renal Cells Using Cell-free Extracts. Stem Cell Reports, 2015, 4, 685-698. | 2.3 | 27 |
| 46 | Shape descriptors of the â€œnever restingâ€•microglia in three different acute brain injury models in mice. Intensive Care Medicine Experimental, 2015, 3, 39. | 0.9 | 117 |
| 47 | Results of a preclinical randomized controlled multicenter trial (pRCT): Anti-CD49d treatment for acute brain ischemia. Science Translational Medicine, 2015, 7, 299ra121. | 5.8 | 207 |
| 48 | Critical Role and Therapeutic Control of the Lectin Pathway of Complement Activation in an Abortion-Prone Mouse Mating. Journal of Immunology, 2015, 195, 5602-5607. | 0.4 | 30 |
| 49 | Ficolin-3â€“mediated lectin complement pathway activation in patients with subarachnoid hemorrhage. Neurology, 2014, 82, 126-134. | 1.5 | 29 |
| 50 | Mannose-Binding Lectin Is Expressed After Clinical and Experimental Traumatic Brain Injury and Its Deletion Is Protective*. Critical Care Medicine, 2014, 42, 1910-1918. | 0.4 | 49 |
| 51 | A close look at brain dynamics: Cells and vessels seen by in vivo two-photon microscopy. Progress in Neurobiology, 2014, 121, 36-54. | 2.8 | 18 |
| 52 | An integrated approach for the systematic evaluation of polymeric nanoparticles in healthy and diseased organisms. Journal of Nanoparticle Research, 2014, 16, 1. | 0.8 | 12 |
| 53 | Bone Marrow Mesenchymal Stromal Cells Drive Protective M2 Microglia Polarization After Brain Trauma. Neurotherapeutics, 2014, 11, 679-695. | 2.1 | 140 |
| 54 | Immunosuppression does not affect human bone marrow mesenchymal stromal cell efficacy after transplantation in traumatized mice brain. Neuropharmacology, 2014, 79, 119-126. | 2.0 | 44 |

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|---|---|---|---|
| 55 | Versatility of the complement system in neuroinflammation, neurodegeneration and brain homeostasis. Frontiers in Cellular Neuroscience, 2014, 8, 380. | 1.8 | 171 |
| 56 | Easily available, low cost 19F MRI agents: Poly(ethylene-glycol)-functionalized fluorinated ethers. Journal of Fluorine Chemistry, 2013, 153, 172-177. | 0.9 | 5 |
| 57 | Sixâ€Month Ischemic Mice Show Sensorimotor and Cognitive Deficits Associated with Brain Atrophy and Axonal Disorganization. CNS Neuroscience and Therapeutics, 2013, 19, 695-704. | 1.9 | 17 |
| 58 | Changes of the GPR17 receptor, a new target for neurorepair, in neurons and glial cells in patients with traumatic brain injury. Purinergic Signalling, 2013, 9, 451-462. | 1.1 | 54 |
| 59 | Heart-fatty acid-binding and tau proteins relate to brain injury severity and long-term outcome in subarachnoid haemorrhage patients. British Journal of Anaesthesia, 2013, 111, 424-432. | 1.5 | 29 |
| 60 | Tumor Necrosis Factor in Traumatic Brain Injury: Effects of Genetic Deletion of p55 or p75 Receptor. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 1182-1189. | 2.4 | 62 |
| 61 | CX3CR1 deficiency induces an early protective inflammatory environment in ischemic mice. Glia, 2013, 61, 827-842. | 2.5 | 155 |
| 62 | Three-dimensional Confocal Analysis of Microglia/macrophage Markers of Polarization in Experimental Brain Injury. Journal of Visualized Experiments, 2013, , . | 0.2 | 43 |
| 63 | The Genetics of Small-Vessel Disease. Current Medicinal Chemistry, 2012, 19, 4124-4141. | 1.2 | 14 |
| 64 | Targeting Mannose-Binding Lectin Confers Long-Lasting Protection With a Surprisingly Wide Therapeutic Window in Cerebral Ischemia. Circulation, 2012, 126, 1484-1494. | 1.6 | 119 |
| 65 | Mannose-binding lectin and lectin pathway in subarachnoid hemorrhage patients. Immunobiology, 2012, 217, 1185. | 0.8 | 0 |
| 66 | Mannose-binding lectin deficiency reduces functional deficits and histological damage after experimental traumatic brain injury. Immunobiology, 2012, 217, 1185. | 0.8 | 0 |
| 67 | Targeting MBL in cerebral ischemia induces long lasting protection with a wide therapeutic window. Immunobiology, 2012, 217, 1207. | 0.8 | 0 |
| 68 | Proteomic analysis of mouse brain cortex identifies metabolic downâ€regulation as a general feature of ischemic preâ€conditioning. Journal of Neurochemistry, 2012, 122, 1219-1229. | 2.1 | 22 |
| 69 | Cytokines and innate inflammation in the pathogenesis of human traumatic brain injury. Progress in Neurobiology, 2011, 95, 352-372. | 2.8 | 175 |
| 70 | Human umbilical cord blood mesenchymal stem cells protect mice brain after trauma*. Critical Care Medicine, 2011, 39, 2501-2510. | 0.4 | 130 |
| 71 | Glycogen synthase kinaseâ€3 inhibition reduces ischemic cerebral damage, restores impaired mitochondrial biogenesis and prevents ROS production. Journal of Neurochemistry, 2011, 116, 1148-1159. | 2.1 | 105 |
| 72 | Long-lasting protection in brain trauma by endotoxin preconditioning. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 1919-1929. | 2.4 | 83 |

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|---|---|---|---|
| 73 | Poly(ethylene-glycol)-based fluorinated esters: a readily available entry for novel 19F-MRI agents. Tetrahedron Letters, 2011, 52, 6581-6583. | 0.7 | 11 |
| 74 | Cerebrospinal fluid pentraxin 3 early after subarachnoid hemorrhage is associated with vasospasm. Intensive Care Medicine, 2011, 37, 302-309. | 3.9 | 25 |
| 75 | Temporal pattern of expression and colocalization of microglia/macrophage phenotype markers following brain ischemic injury in mice. Journal of Neuroinflammation, 2011, 8, 174. | 3.1 | 412 |
| 76 | Glial Cells Drive Preconditioning-Induced Blood-Brain Barrier Protection. Stroke, 2011, 42, 1445-1453. | 1.0 | 44 |
| 77 | In Vivo Real-Time Multiphoton Imaging of T Lymphocytes in the Mouse Brain After Experimental Stroke. Stroke, 2011, 42, 1429-1436. | 1.0 | 34 |
| 78 | CX3CL1 Is Neuroprotective in Permanent Focal Cerebral Ischemia in Rodents. Journal of Neuroscience, 2011, 31, 16327-16335. | 1.7 | 168 |
| 79 | Advances in imaging of new targets for pharmacological intervention in stroke: realâ€time tracking of Tâ€cells in the ischaemic brain. British Journal of Pharmacology, 2010, 159, 808-811. | 2.7 | 17 |
| 80 | Alzheimer's Disease: Another Target for Heparin Therapy. Scientific World Journal, The, 2009, 9, 891-908. | 0.8 | 42 |
| 81 | C1-inhibitor attenuates neurobehavioral deficits and reduces contusion volume after controlled cortical impact brain injury in mice*. Critical Care Medicine, 2009, 37, 659-665. | 0.4 | 116 |
| 82 | Leptin Is Induced in the Ischemic Cerebral Cortex and Exerts Neuroprotection Through NF-Îº B/c-Relâ€“Dependent Transcription. Stroke, 2009, 40, 610-617. | 1.0 | 83 |
| 83 | Recombinant C1 inhibitor in brain ischemic injury. Annals of Neurology, 2009, 66, 332-342. | 2.8 | 107 |
| 84 | Imaging Tâ€cell movement in the brain during experimental cerebral malaria. Parasite Immunology, 2009, 31, 147-150. | 0.7 | 9 |
| 85 | c-Jun N-Terminal Kinase Pathway Activation in Human and Experimental Cerebral Contusion. Journal of Neuropathology and Experimental Neurology, 2009, 68, 964-971. | 0.9 | 38 |
| 86 | Neuroprotective effect of C1-inhibitor following traumatic brain injury in mice. Acta Neurochirurgica Supplementum, 2008, 102, 381-384. | 0.5 | 17 |
| 87 | Effect of traumatic brain injury on cognitive function in mice lacking p55 and p75 tumor necrosis factor receptors. Acta Neurochirurgica Supplementum, 2008, 102, 409-413. | 0.5 | 20 |
| 88 | Arterially Perfused Neurosphere-Derived Cells Distribute Outside the Ischemic Core in a Model of Transient Focal Ischemia and Reperfusion In Vitro. PLoS ONE, 2008, 3, e2754. | 1.1 | 20 |
| 89 | 2-Aminotetraline Derivative Protects from Ischemia/Reperfusion Brain Injury with a Broad Therapeutic Window. Neuropsychopharmacology, 2007, 32, 1302-1311. | 2.8 | 13 |
| 90 | HSV-1-mediated IL-1 receptor antagonist gene therapy ameliorates MOG35â€“55-induced experimental autoimmune encephalomyelitis in C57BL/6 mice. Gene Therapy, 2007, 14, 93-98. | 2.3 | 43 |

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|---|---|---|---|
| 91 | Neurosphere-Derived Cells Exert a Neuroprotective Action by Changing the Ischemic Microenvironment. PLoS ONE, 2007, 2, e373. | 1.1 | 113 |
| 92 | Acute Hypertension Induces Oxidative Stress in Brain Tissues. Journal of Cerebral Blood Flow and Metabolism, 2006, 26, 253-262. | 2.4 | 88 |
| 93 | Travel time and trajectory moments of conservative solutes in two-dimensional convergent flows. Journal of Contaminant Hydrology, 2006, 82, 23-43. | 1.6 | 19 |
| 94 | Simvastatin reduces caspase-3 activation and inflammatory markers induced by hypoxiaâ€“ischemia in the newborn rat. Neurobiology of Disease, 2006, 21, 119-126. | 2.1 | 42 |
| 95 | Selective Inhibition of Plasma Kallikrein Protects Brain from Reperfusion Injury. Journal of Pharmacology and Experimental Therapeutics, 2006, 318, 849-854. | 1.3 | 34 |
| 96 | Inflammatory Response and Glia Activation in Developing Rat Hippocampus after Status Epilepticus. Epilepsia, 2005, 46, 113-117. | 2.6 | 149 |
| 97 | Tumor necrosis factor-Î± inhibits seizures in mice via p75 receptors. Annals of Neurology, 2005, 57, 804-812. | 2.8 | 182 |
| 98 | C1-inhibitor protects against brain ischemiaâ€“reperfusion injury via inhibition of cell recruitment and inflammation. Neurobiology of Disease, 2005, 19, 10-17. | 2.1 | 91 |
| 99 | From The Cover: The Rai (Shc C) adaptor protein regulates the neuronal stress response and protects against cerebral ischemia. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 15476-15481. | 3.3 | 38 |
| 100 | Functional Role of Proinflammatory and Anti-Inflammatory Cytokines in Seizures. Advances in Experimental Medicine and Biology, 2004, 548, 123-133. | 0.8 | 43 |
| 101 | Peripheral Treatment with Enoxaparin, a Low Molecular Weight Heparin, Reduces Plaques and Â-Amyloid Accumulation in a Mouse Model of Alzheimer's Disease. Journal of Neuroscience, 2004, 24, 4181-4186. | 1.7 | 158 |
| 102 | Pentoxifylline Prevents Spontaneous Brain Ischemia in Stroke-Prone Rats. Journal of Pharmacology and Experimental Therapeutics, 2004, 310, 890-895. | 1.3 | 40 |
| 103 | The Powerful Neuroprotective Action of C1-Inhibitor on Brain Ischemia-Reperfusion Injury Does Not Require C1q. American Journal of Pathology, 2004, 164, 1857-1863. | 1.9 | 105 |
| 104 | Intracerebroventricular injection of the terminal complement complex causes inflammatory reaction in the rat brain. European Journal of Immunology, 2003, 33, 1260-1270. | 1.6 | 42 |
| 105 | Neuroprotection by Complement (C1) Inhibitor in Mouse Transient Brain Ischemia. Journal of Cerebral Blood Flow and Metabolism, 2003, 23, 232-239. | 2.4 | 116 |
| 106 | Glia activation and cytokine increase in rat hippocampus by kainic acid-induced status epilepticus during postnatal development. Neurobiology of Disease, 2003, 14, 494-503. | 2.1 | 214 |
| 107 | Prophylactic but Not Delayed Administration of Simvastatin Protects Against Long-Lasting Cognitive and Morphological Consequences of Neonatal Hypoxic-Ischemic Brain Injury, Reduces Interleukin-1Î² and Tumor Necrosis Factor-Î± mRNA Induction, and Does Not Affect Endothelial Nitric Oxide Synthase Expression. Stroke, 2003, 34, 2007-2012. | 1.0 | 83 |
| 108 | Peripheral Inflammatory Response in Alzheimer's Disease and Multiinfarct Dementia. Neurobiology of Disease, 2002, 11, 308-314. | 2.1 | 57 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | THE INFLAMMATORY RESPONSE IN CEREBRAL ISCHEMIA: FOCUS ON CYTOKINES IN STROKE PATIENTS. Clinical and Experimental Hypertension, 2002, 24, 535-542. | 0.5 | 24 |
| 110 | Heparin attenuates cytotoxic and inflammatory activity of Alzheimer amyloid-Î² in vitro. Neurobiology of Aging, 2002, 23, 531-536. | 1.5 | 51 |
| 111 | Impaired central stress-induced release of noradrenaline in rats with heart failure: a microdialysis study. Neuroscience, 2002, 114, 591-599. | 1.1 | 10 |
| 112 | Functional Role of Inflammatory Cytokines and Antiinflammatory Molecules in Seizures and Epileptogenesis. Epilepsia, 2002, 43, 30-35. | 2.6 | 343 |
| 113 | Peripheral interleukin-6 administration increases extracellular concentrations of serotonin and the evoked release of serotonin in the rat striatum. Neurochemistry International, 2001, 38, 303-308. | 1.9 | 61 |
| 114 | Nerve Growth Factor and Transforming Growth Factor-Î² Serum Levels in Acute Stroke Patients. Cerebrovascular Diseases, 2001, 12, 240-244. | 0.8 | 29 |
| 115 | Inflammatory markers in Alzheimer's disease and multi-infarct dementia. Mechanisms of Ageing and Development, 2001, 122, 1985-1995. | 2.2 | 75 |
| 116 | Inflammatory cytokines and related genes are induced in the rat hippocampus by limbic status epilepticus. European Journal of Neuroscience, 2000, 12, 2623-2633. | 1.2 | 448 |
| 117 | Aged Mice Exhibit Greater Mortality Concomitant to Increased Brain and Plasma TNF-Î± Levels following Intracerebroventricular Injection of Lipopolysaccharide. Gerontology, 2000, 46, 115-128. | 1.4 | 46 |
| 118 | Powerful anticonvulsant action of IL-1 receptor antagonist on intracerebral injection and astrocytic overexpression in mice. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 11534-11539. | 3.3 | 424 |
| 119 | Interleukin-1Î² Immunoreactivity and Microglia Are Enhanced in the Rat Hippocampus by Focal Kainate Application: Functional Evidence for Enhancement of Electrographic Seizures. Journal of Neuroscience, 1999, 19, 5054-5065. | 1.7 | 536 |
| 120 | Leukocyte Recruitment in the Cerebrospinal Fluid of Mice with Experimental Meningitis Is Inhibited by an Antibody to Junctional Adhesion Molecule (Jam). Journal of Experimental Medicine, 1999, 190, 1351-1356. | 4.2 | 268 |
| 121 | Increased Cytokine Release from Peripheral Blood Cells after Acute Stroke. Journal of Cerebral Blood Flow and Metabolism, 1999, 19, 1004-1009. | 2.4 | 187 |
| 122 | Hypothalamic serotonergic activity correlates better with brain temperature than with sleepâ€“wake cycle and muscle tone in rats. Neuroscience, 1999, 89, 1241-1246. | 1.1 | 11 |
| 123 | The sympathetic nervous system tonically inhibits peripheral interleukin-1Î² and interleukin-6 induction by central lipopolysaccharide. Neuroscience, 1998, 83, 1245-1250. | 1.1 | 46 |
| 124 | Glutamate release in the nucleus tractus solitarius induced by peripheral lipopolysaccharide and interleukin-1Î². Neuroscience, 1998, 86, 1285-1290. | 1.1 | 83 |
| 125 | Cytokine-Neurotransmitter Interactions in the Brain. NeuroSignals, 1998, 7, 33-44. | 0.5 | 46 |
| 126 | Role of the Brain in Interleukin-6 Modulation. NeuroImmunoModulation, 1998, 5, 214-219. | 0.9 | 27 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Immune Alterations in Neurotransmission. , 1998, , . | | 0 |
| 128 | Î²-AMYLOID FRAGMENT POTENTIATES IL-6 AND TNF-Î± SECRETION BY LPS IN ASTROCYTES BUT NOT IN MICROGLIA. Cytokine, 1997, 9, 759-762. | 1.4 | 81 |
| 129 | Interleukin-6, tumor necrosis factor and corticosterone induction by central lipopolysaccharide in aged rats. Life Sciences, 1997, 61, 695-701. | 2.0 | 38 |
| 130 | Two-way communication pathways between the brain and the immune system. Neuroscience Research Communications, 1997, 21, 163-172. | 0.2 | 10 |
| 131 | Hereditary Deficiencies in Complement C5 Are Associated with Intensified Neurodegenerative Responses That Implicate New Roles for the C-System in Neuronal and Astrocytic Functions. Neurobiology of Disease, 1996, 3, 197-204. | 2.1 | 78 |
| 132 | THE EFFECT OF ETHER LIPID 1-O-OCTADECYL-2-O-METHOXY-RAC-GLYCERO-3-PHOSPHOCHOLINE AND ITS ANALOGUES PLATELET ACTIVATING FACTOR AND CARBAMYL-PLATELET ACTIVATING FACTOR ON THE BIOSYNTHESIS OF INTERLEUKIN-6 IN HUMAN THYMIC EPITHELIAL CELLS CULTIVATED IN VITRO. Cytokine, 1996, 8, 698-701. | 1.4 | 5 |
| 133 | Central opiate modulation of peripheral IL-6 in rats. NeuroReport, 1996, 7, 1181-1184. | 0.6 | 31 |
| 134 | Electrically evoked 5-hydroxytryptamine efflux in rat hypothalamus studied using in vivo amperometry. Journal of Neuroscience Methods, 1996, 68, 71-79. | 1.3 | 3 |
| 135 | Noradrenaline release in hypothalamus and ACTH secretion induced by central interleukin-1Î². NeuroReport, 1995, 6, 2465-2468. | 0.6 | 13 |
| 136 | Sleep regulation: Interactions among cytokines and classical neurotransmitters. Advances in Neuroimmunology, 1995, 5, 189-200. | 1.8 | 22 |
| 137 | Reciprocal control of inflammatory cytokines, IL-1 and IL-6, and Î²-amyloid production in cultures. Neuroscience Letters, 1995, 188, 70-74. | 1.0 | 195 |
| 138 | Effect of Development of Habituation to Restraint Stress on Hypothalamic Noradrenaline Release and Adrenocorticotropin Secretion. Journal of Neurochemistry, 1995, 65, 263-267. | 2.1 | 32 |
| 139 | Basal and stress-induced release of noradrenaline in hypothalamus of spontaneously hypertensive rats at different ages. Brain Research, 1994, 668, 256-260. | 1.1 | 6 |
| 140 | Permissive role of glucocorticoids on interleukin-1 activation of the hypothalamic serotonergic system. Brain Research, 1994, 651, 169-173. | 1.1 | 24 |
| 141 | Changes in the serotonergic system during the sleep-wake cycle: Simultaneous polygraphic and voltammetric recordings in hypothalamus using a telemetry system. Neuroscience, 1994, 58, 353-358. | 1.1 | 137 |
| 142 | Aging prolongs the stress-induced release of noradrenaline in rat hypothalamus. Neuroscience Letters, 1993, 157, 127-130. | 1.0 | 27 |
| 143 | Lack of Glucocorticoids Sustains the Stress-Induced Release of Noradrenaline in the Anterior Hypothalamus. Neuroendocrinology, 1993, 57, 835-842. | 1.2 | 25 |
| 144 | Serotonin uptake inhibition: In vivo effect of sertraline in rats. Neuroscience Letters, 1992, 139, 69-72. | 1.0 | 10 |

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|---|---|---|---|
| 145 | Evidence for a different sensitivity to various central effects of interleukin-1 Î² in mice. Brain Research Bulletin, 1992, 28, 161-165. | 1.4 | 25 |
| 146 | In vivo studies on the enhancement of serotonin reuptake by tianeptine. Brain Research, 1992, 574, 93-97. | 1.1 | 38 |
| 147 | Functional and histological consequences of quinolinic and kainic acid-induced seizures on hippocampal somatostatin neurons. Neuroscience, 1991, 41, 127-135. | 1.1 | 39 |
| 148 | Activation of the hypothalamic serotoninergic system by central interleukin-1. European Journal of Pharmacology, 1991, 209, 139-140. | 1.7 | 59 |
| 149 | Miniaturized optoelectronic system for telemetry of in vivo voltammetric signals. Journal of Neuroscience Methods, 1990, 33, 233-240. | 1.3 | 26 |
| 150 | Intracerebroventricular injection of interleukin 1 induces high circulating levels of interleukin 6.. Journal of Experimental Medicine, 1990, 171, 1773-1778. | 4.2 | 154 |
| 151 | Effect of buspirone and its metabolite 1-(2-Pyrimydinyl)-piperazine on hippocampal serotoninergic system, studied in freely moving rats. Life Sciences, 1990, 46, 197-205. | 2.0 | 6 |
| 152 | Behavioral and biochemical changes monitored in two inbred strains of mice during exploration of an unfamiliar environment. Physiology and Behavior, 1990, 47, 749-753. | 1.0 | 59 |
| 153 | Multiple and complex effects of buspirone on central dopaminergic system. Pharmacology Biochemistry and Behavior, 1988, 29, 823-826. | 1.3 | 22 |
| 154 | Different effects of fenfluramine isomers and metabolites on extracellular 5-HIAA in nucleus accumbens and hippocampus of freely moving rats. European Journal of Pharmacology, 1988, 153, 295-299. | 1.7 | 27 |
| 155 | Aspartame and the rat brain monoaminergic system. Toxicology Letters, 1988, 44, 331-339. | 0.4 | 18 |
| 156 | Different toxicity of N-methyl-4-phenyl-1,2,5,6-tetrahydropyridine (MPTP) on the nigrostriatal and mesolimbic pathways. European Journal of Pharmacology, 1987, 133, 239-241. | 1.7 | 12 |
| 157 | Modulation of striatal dopamine metabolism by the activity of dorsal raphe serotonergic afferences. Brain Research, 1987, 411, 81-88. | 1.1 | 90 |
| 158 | Functional meaning of tryptophan-induced increase of 5-HT metabolism as clarified by in vivo voltammetry. Brain Research, 1987, 411, 89-94. | 1.1 | 72 |
| 159 | Differences in the effect of the antidepressant amineptine on striatal and limbic DOPAC measured by HPLC-ECD and in vivo voltammetry. European Journal of Pharmacology, 1986, 123, 433-439. | 1.7 | 15 |
| 160 | Cross tolerance between ketamine and morphine to some pharmacological and biochemical effects. Neuropharmacology, 1985, 24, 541-545. | 2.0 | 8 |
| 161 | Interaction between serotonergic and dopaminergic systems detected in striatum by differential pulse voltammetry. European Journal of Pharmacology, 1985, 110, 289-290. | 1.7 | 17 |
| 162 | Central side effects of pentamethylmelamine: Biochemical and behavioural studies. Biochemical Pharmacology, 1984, 33, 4011-4015. | 2.0 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | The effect of opiate treatment on the postdecapitation reflex and monoamine metabolism in the rat spinal cord. Pharmacology Biochemistry and Behavior, 1983, 19, 427-429. | 1.3 | 0 |
| 164 | Does acutel-DOPA increase active release of dopamine from dopaminergic neurons?. Brain Research, 1983, 273, 45-51. | 1.1 | 32 |
| 165 | Cholinergic control of catechol metabolism in the rat locus coeruleus as studied by in vivo voltammetry. European Journal of Pharmacology, 1983, 95, 65-70. | 1.7 | 12 |
| 166 | Similarities and differences between d-ALA2 MET5 enkephalin amide and morphine in the induction of tolerance to their effects on catalepsy and on dopamine metabolism in the rat brain. Naunyn-Schmiedeberg's Archives of Pharmacology, 1982, 321, 105-111. | 1.4 | 9 |