

Neurotoxic prostaglandin J2 enhances cyclooxygenase- through the p38MAPK pathway: A death wish?

Journal of Neuroscience Research

78, 824-836

DOI: [10.1002/jnr.20346](https://doi.org/10.1002/jnr.20346)

Citation Report

#	ARTICLE	IF	CITATIONS
2	15-Deoxy-delta12,14-prostaglandin J2, a neuroprotectant or a neurotoxicant?. Toxicology, 2005, 216, 232-243.	4.2	26
3	A time course analysis of cyclooxygenase-2 suggests a role in spatial memory retrieval in rats. Neuroscience Research, 2006, 54, 171-179.	1.9	35
4	Protection of RPE Cells from Oxidative Injury by 15-Deoxy- $\Delta^{12,14}$ -Prostaglandin J2 by Augmenting GSH and Activating MAPK. , 2006, 47, 5098.		58
5	Integrative roles of transforming growth factor- β in the cytoprotection mechanisms of gastric mucosal injury. BMC Gastroenterology, 2006, 6, 22.	2.0	11
6	Prostaglandin J2 reduces catechol-O-methyltransferase activity and enhances dopamine toxicity in neuronal cells. Neurobiology of Disease, 2006, 22, 294-301.	4.4	18
7	Prostaglandin J2 Alters Pro-survival and Pro-death Gene Expression Patterns and 26 S Proteasome Assembly in Human Neuroblastoma Cells. Journal of Biological Chemistry, 2006, 281, 21377-21386.	3.4	37
8	Cytoskeleton/Endoplasmic Reticulum Collapse Induced by Prostaglandin J2 Parallels Centrosomal Deposition of Ubiquitinated Protein Aggregates. Journal of Biological Chemistry, 2006, 281, 23274-23284.	3.4	31
9	Neuroinflammatory mechanisms in Parkinson's disease: Potential environmental triggers, pathways, and targets for early therapeutic intervention. Experimental Neurology, 2007, 208, 1-25.	4.1	491
10	Identification of Actin as a 15-Deoxy- $\Delta^{12,14}$ -prostaglandin J2 Target in Neuroblastoma Cells: A Mass Spectrometric, Computational, and Functional Approaches To Investigate the Effect on Cytoskeletal Derangement. Biochemistry, 2007, 46, 2707-2718.	2.5	73
11	15d-PGJ2 induces apoptosis of mouse oligodendrocyte precursor cells. Journal of Neuroinflammation, 2007, 4, 18.	7.2	27
12	15-Deoxy-delta 12,14-prostaglandin J2 inhibits the synthesis of the acute phase protein SIP24 in cartilage: Involvement of COX-2 in resolution of inflammation. Journal of Cellular Physiology, 2008, 217, 433-441.	4.1	17
13	Pharmacological Enhancement of Neuronal Survival. Critical Reviews in Toxicology, 2008, 38, 349-389.	3.9	45
14	Subchronic infusion of the product of inflammation prostaglandin J2 models sporadic Parkinson's disease in mice. Journal of Neuroinflammation, 2009, 6, 18.	7.2	38
15	The use of Cox-2 and PPAR γ signaling in anti-cancer therapies. Experimental and Therapeutic Medicine, 2010, 1, 257-264.	1.8	20
16	Functional Aspects of Redox Control During Neuroinflammation. Antioxidants and Redox Signaling, 2010, 13, 193-247.	5.4	60
17	Inflammation After Stroke: Mechanisms and Therapeutic Approaches. Translational Stroke Research, 2010, 1, 74-84.	4.2	79
18	Chronic stress induces transient spinal neuroinflammation, triggering sensory hypersensitivity and long-lasting anxiety-induced hyperalgesia. Pain, 2010, 150, 358-368.	4.2	126
19	Assessment of Proteasome Impairment and Accumulation/Aggregation of Ubiquitinated Proteins in Neuronal Cultures. Methods in Molecular Biology, 2011, 793, 273-296.	0.9	38

#	ARTICLE	IF	CITATIONS
20	Neurodegeneration. <i>Methods in Molecular Biology</i> , 2011, , .	0.9	9
21	In animal models, psychosocial stress-induced (neuro)inflammation, apoptosis and reduced neurogenesis are associated to the onset of depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 744-759.	4.8	369
22	Modification of ubiquitin-C-terminal hydrolase-L1 by cyclopentenone prostaglandins exacerbates hypoxic injury. <i>Neurobiology of Disease</i> , 2011, 41, 318-328.	4.4	54
23	PGJ2 Provides Prolonged CNS Stroke Protection by Reducing White Matter Edema. <i>PLoS ONE</i> , 2012, 7, e50021.	2.5	30
24	Increased Generation of Cyclopentenone Prostaglandins after Brain Ischemia and Their Role in Aggregation of Ubiquitinated Proteins in Neurons. <i>Neurotoxicity Research</i> , 2013, 24, 191-204.	2.7	31
25	S-Nitrosoglutathione Induces Ciliary Neurotrophic Factor Expression in Astrocytes, Which Has Implications to Protect the Central Nervous System under Pathological Conditions. <i>Journal of Biological Chemistry</i> , 2013, 288, 3831-3843.	3.4	31
26	Immune Responses in Parkinson's Disease: Interplay between Central and Peripheral Immune Systems. <i>BioMed Research International</i> , 2014, 2014, 1-9.	1.9	91
27	PACAP27 prevents Parkinson-like neuronal loss and motor deficits but not microglia activation induced by prostaglandin J2. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1707-1719.	3.8	33
28	Neuroinflammation and J2 prostaglandins: linking impairment of the ubiquitin-proteasome pathway and mitochondria to neurodegeneration. <i>Frontiers in Molecular Neuroscience</i> , 2014, 7, 104.	2.9	86
29	Prostaglandin J2: a potential target for halting inflammation-induced neurodegeneration. <i>Annals of the New York Academy of Sciences</i> , 2016, 1363, 125-137.	3.8	33
30	Erythrocyte membrane-encapsulated celecoxib improves the cognitive decline of Alzheimer's disease by concurrently inducing neurogenesis and reducing apoptosis in APP/PS1 transgenic mice. <i>Biomaterials</i> , 2017, 145, 106-127.	11.4	72
31	Chronic voluntary oral methamphetamine induces deficits in spatial learning and hippocampal protein kinase Mzeta with enhanced astrogliosis and cyclooxygenase-2 levels. <i>Heliyon</i> , 2018, 4, e00509.	3.2	12
32	Prostaglandin J2 promotes O-GlcNAcylation raising APP processing by β - and γ -secretases: relevance to Alzheimer's disease. <i>Neurobiology of Aging</i> , 2018, 62, 130-145.	3.1	8
33	Prostaglandin D2/J2 signaling pathway in a rat model of neuroinflammation displaying progressive parkinsonian-like pathology: potential novel therapeutic targets. <i>Journal of Neuroinflammation</i> , 2018, 15, 272.	7.2	18
34	Integrated communications between cyclooxygenase-2 and Alzheimer's disease. <i>FASEB Journal</i> , 2019, 33, 13-33.	0.5	47
35	PACAP27 mitigates an age-dependent hippocampal vulnerability to PGJ2-induced spatial learning deficits and neuroinflammation in mice. <i>Brain and Behavior</i> , 2020, 10, e01465.	2.2	11
36	Electrophiles against (Skin) Diseases: More Than Nrf2. <i>Biomolecules</i> , 2020, 10, 271.	4.0	20
37	Inflammation as a Mediator of Oxidative Stress and UPS Dysfunction. , 2006, , 105-131.		5

#	ARTICLE	IF	CITATIONS
38	A systematic review for the development of Alzheimer's disease in in vitro models: a focus on different inducing agents. <i>Frontiers in Aging Neuroscience</i> , 0, 15, .	3.4	0
39	Elucidation for the pharmacological effects and mechanism of Shen Bai formula in treating myocardial injury based on energy metabolism and serum metabolomic approaches. <i>Journal of Ethnopharmacology</i> , 2023, , 117670.	4.1	0