

Masakazu Ibi

List of Publications by Year in descending order

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46
papers

2,144
citations

257357

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265120

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docs citations

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times ranked

2920
citing authors

#	ARTICLE	IF	CITATIONS
1	Dopamine D2-type agonists protect mesencephalic neurons from glutamate neurotoxicity: Mechanisms of neuroprotective treatment against oxidative stress. <i>Annals of Neurology</i> , 1998, 44, 110-119.	2.8	275
2	Estradiol protects mesencephalic dopaminergic neurons from oxidative stress-induced neuronal death. <i>Journal of Neuroscience Research</i> , 1998, 54, 707-719.	1.3	224
3	Mechanisms of antiapoptotic effects of estrogens in nigral dopaminergic neurons. <i>FASEB Journal</i> , 2000, 14, 1202-1214.	0.2	149
4	Reactive Oxygen Species Derived from NOX1/NADPH Oxidase Enhance Inflammatory Pain. <i>Journal of Neuroscience</i> , 2008, 28, 9486-9494.	1.7	135
5	Estradiol protects dopaminergic neurons in a MPP+Parkinson's disease model. <i>Neuropharmacology</i> , 2002, 42, 1056-1064.	2.0	109
6	NOX1/nicotinamide adenine dinucleotide phosphate, reduced form (NADPH) oxidase promotes proliferation of stellate cells and aggravates liver fibrosis induced by bile duct ligation. <i>Hepatology</i> , 2011, 54, 949-958.	3.6	104
7	Proteasome Mediates Dopaminergic Neuronal Degeneration, and Its Inhibition Causes α -Synuclein Inclusions. <i>Journal of Biological Chemistry</i> , 2004, 279, 10710-10719.	1.6	103
8	Mechanism of selective motor neuronal death after exposure of spinal cord to glutamate: Involvement of glutamate-induced nitric oxide in motor neuron toxicity and nonmotor neuron protection. <i>Annals of Neurology</i> , 1998, 44, 796-807.	2.8	95
9	Neuroprotective Mechanism of Glial Cell Line-Derived Neurotrophic Factor in Mesencephalic Neurons. <i>Journal of Neurochemistry</i> , 2000, 74, 1175-1184.	2.1	79
10	NOX1/NADPH oxidase negatively regulates nerve growth factor-induced neurite outgrowth. <i>Free Radical Biology and Medicine</i> , 2006, 40, 1785-1795.	1.3	69
11	NOX1/NADPH oxidase is involved in endotoxin-induced cardiomyocyte apoptosis. <i>Free Radical Biology and Medicine</i> , 2012, 53, 1718-1728.	1.3	66
12	NADPH oxidase NOX1 is involved in activation of protein kinase C and premature senescence in early stage diabetic kidney. <i>Free Radical Biology and Medicine</i> , 2015, 83, 21-30.	1.3	61
13	Depressive-Like Behaviors Are Regulated by NOX1/NADPH Oxidase by Redox Modification of NMDA Receptor 1. <i>Journal of Neuroscience</i> , 2017, 37, 4200-4212.	1.7	50
14	The NOX1 isoform of NADPH oxidase is involved in dysfunction of liver sinusoids in nonalcoholic fatty liver disease. <i>Free Radical Biology and Medicine</i> , 2018, 115, 412-420.	1.3	50
15	Involvement of NOX1/NADPH Oxidase in Morphine-Induced Analgesia and Tolerance. <i>Journal of Neuroscience</i> , 2011, 31, 18094-18103.	1.7	49
16	Depletion of Intracellular Glutathione Increases Susceptibility to Nitric Oxide in Mesencephalic Dopaminergic Neurons. <i>Journal of Neurochemistry</i> , 2002, 73, 1696-1703.	2.1	48
17	An endogenous metabolite of dopamine, 3,4-dihydroxyphenylethanol, acts as a unique cytoprotective agent against oxidative stress-induced injury. <i>Free Radical Biology and Medicine</i> , 2004, 36, 555-564.	1.3	44
18	The AP-1 site is essential for the promoter activity of NOX1/NADPH oxidase, a vascular superoxide-producing enzyme: Possible involvement of the ERK1/2-JunB pathway. <i>Biochemical and Biophysical Research Communications</i> , 2008, 374, 351-355.	1.0	39

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19	The Activity of Aldose Reductase Is Elevated in Diabetic Mouse Heart. <i>Journal of Pharmacological Sciences</i> , 2007, 103, 408-416.	1.1	34
20	Deficiency of NOX1/Nicotinamide Adenine Dinucleotide Phosphate, Reduced Form Oxidase Leads to Pulmonary Vascular Remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 110-119.	1.1	31
21	A Seven-Transmembrane Receptor That Mediates Avoidance Response to Dihydrocaffeic Acid, a Water-Soluble Repellent in <i>Caenorhabditis elegans</i> . <i>Journal of Neuroscience</i> , 2011, 31, 16603-16610.	1.7	28
22	Up-regulation of NOX1/NADPH oxidase following drug-induced myocardial injury promotes cardiac dysfunction and fibrosis. <i>Free Radical Biology and Medicine</i> , 2018, 120, 277-288.	1.3	28
23	NOX1/NADPH oxidase in bone marrow-derived cells modulates intestinal barrier function. <i>Free Radical Biology and Medicine</i> , 2020, 147, 90-101.	1.3	28
24	NADPH Oxidase Isoforms and Anti-hypertensive Effects of Atorvastatin Demonstrated in Two Animal Models. <i>Journal of Pharmacological Sciences</i> , 2009, 111, 260-268.	1.1	26
25	Superoxide dismutase activity in organotypic midbrain-striatum co-cultures is associated with resistance of dopaminergic neurons to excitotoxicity. <i>Journal of Neurochemistry</i> , 2001, 76, 1336-1345.	2.1	25
26	Clioquinol induces DNA double-strand breaks, activation of ATM, and subsequent activation of p53 signaling. <i>Toxicology</i> , 2012, 299, 55-59.	2.0	24
27	Augmented neutrophil extracellular traps formation promotes atherosclerosis development in socially defeated apoE ^{-/-} mice. <i>Biochemical and Biophysical Research Communications</i> , 2018, 500, 490-496.	1.0	23
28	Myocyte enhancer factor 2B is involved in the inducible expression of NOX1/NADPH oxidase, a vascular superoxide-producing enzyme. <i>FEBS Journal</i> , 2007, 274, 5128-5136.	2.2	22
29	Sp3 transcription factor is crucial for transcriptional activation of the human <i>NOX4</i> gene. <i>FEBS Journal</i> , 2011, 278, 964-972.	2.2	21
30	Characterization of N-glycosylation sites on the extracellular domain of NOX1/NADPH oxidase. <i>Free Radical Biology and Medicine</i> , 2014, 68, 196-204.	1.3	19
31	Co-culture With the Striatum Attenuates N-Methyl-D-aspartate Cytotoxicity in Dopaminergic Neurons of Rat Mesencephalic Slice Cultures. <i>The Japanese Journal of Pharmacology</i> , 1998, 77, 161-168.	1.2	15
32	Clioquinol inhibits dopamine- β -hydroxylase secretion and noradrenaline synthesis by affecting the redox status of ATOX1 and copper transport in human neuroblastoma SH-SY5Y cells. <i>Archives of Toxicology</i> , 2021, 95, 135-148.	1.9	11
33	NOX1/NADPH oxidase affects the development of autism-like behaviors in a maternal immune activation model. <i>Biochemical and Biophysical Research Communications</i> , 2021, 534, 59-66.	1.0	10
34	NOX 1/ NADPH oxidase regulates the expression of multidrug resistance-associated protein 1 and maintains intracellular glutathione levels. <i>FEBS Journal</i> , 2019, 286, 678-687.	2.2	8
35	Social Stress Increases Vulnerability to High-Fat Diet-Induced Insulin Resistance by Enhancing Neutrophil Elastase Activity in Adipose Tissue. <i>Cells</i> , 2020, 9, 996.	1.8	8
36	Estradiol protects mesencephalic dopaminergic neurons from oxidative stress-induced neuronal death. <i>Journal of Neuroscience Research</i> , 1998, 54, 707-719.	1.3	7

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37	Nicotine and methyl vinyl ketone, major components of cigarette smoke extracts, increase protective amyloid- β^2 peptides in cells harboring amyloid- β^2 precursor protein. <i>Journal of Toxicological Sciences</i> , 2018, 43, 257-266.	0.7	6
38	Clioquinol Increases the Expression of VGF, a Neuropeptide Precursor, Through Induction of c-Fos Expression. <i>Journal of Pharmacological Sciences</i> , 2014, 124, 427-432.	1.1	5
39	Clioquinol increases the expression of interleukin-8 by down-regulating GATA-2 and GATA-3. <i>NeuroToxicology</i> , 2018, 67, 296-304.	1.4	5
40	NOX1/NADPH Oxidase Promotes Synaptic Facilitation Induced by Repeated D ₂ Receptor Stimulation: Involvement in Behavioral Repetition. <i>Journal of Neuroscience</i> , 2021, 41, 2780-2794.	1.7	5
41	NOX1/NADPH oxidase is involved in the LPS-induced exacerbation of collagen-induced arthritis. <i>Journal of Pharmacological Sciences</i> , 2021, 146, 88-97.	1.1	3
42	The role of reactive oxygen species in the pathogenic pathways of depression. , 2020, , 3-16.		2
43	Repeated Social Defeat Exaggerates Fibrin-Rich Clot Formation by Enhancing Neutrophil Extracellular Trap Formation via Platelet-Neutrophil Interactions. <i>Cells</i> , 2021, 10, 3344.	1.8	1
44	Roles of NOX1/NADPH oxidase in neuropathic pain and its related emotional behaviors. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO3-1-44.	0.0	0
45	NOX1/NADPH in the hypothalamus regulate anxiety-like behaviors in mice. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2020, 93, 1-LBS-07.	0.0	0
46	Repeated Social Defeat Enhances CaCl ₂ -Induced Abdominal Aortic Aneurysm Expansion by Inhibiting the Early Fibrotic Response via the MAPK-MKP-1 Pathway. <i>Cells</i> , 2022, 11, 732.	1.8	0