

Malabendu Jana

List of Publications by Year in descending order

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53
papers

3,186
citations

156536

32
h-index

206121

51
g-index

54
all docs

54
docs citations

54
times ranked

4460
citing authors

#	ARTICLE	IF	CITATIONS
1	ACE-2-interacting Domain of SARS-CoV-2 (AIDS) Peptide Suppresses Inflammation to Reduce Fever and Protect Lungs and Heart in Mice: Implications for COVID-19 Therapy. <i>Journal of NeuroImmune Pharmacology</i> , 2021, 16, 59-70.	2.1	33
2	Gemfibrozil Protects Dopaminergic Neurons in a Mouse Model of Parkinson's Disease via PPAR α -Dependent Astrocytic GDNF Pathway. <i>Journal of Neuroscience</i> , 2021, 41, 2287-2300.	1.7	20
3	Selective targeting of the TLR2/MyD88/NF- κ B pathway reduces α -synuclein spreading in vitro and in vivo. <i>Nature Communications</i> , 2021, 12, 5382.	5.8	81
4	Eugenol, a Component of Holy Basil (Tulsi) and Common Spice Clove, Inhibits the Interaction Between SARS-CoV-2 Spike S1 and ACE2 to Induce Therapeutic Responses. <i>Journal of NeuroImmune Pharmacology</i> , 2021, 16, 743-755.	2.1	30
5	Selective Inhibition of the Interaction between SARS-CoV-2 Spike S1 and ACE2 by SPIDAR Peptide Induces Anti-Inflammatory Therapeutic Responses. <i>Journal of Immunology</i> , 2021, 207, 2521-2533.	0.4	18
6	IL-12 p40 monomer is different from other IL-12 family members to selectively inhibit IL-12R β 1 internalization and suppress EAE. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21557-21567.	3.3	37
7	Can concomitant use of zinc and curcumin with other immunity-boosting nutraceuticals be the arsenal against COVID-19?. <i>Phytotherapy Research</i> , 2020, 34, 2425-2428.	2.8	41
8	Activation of Peroxisome Proliferator-Activated Receptor- α Increases the Expression of Nuclear Receptor Related 1 Protein (Nurr1) in Dopaminergic Neurons. <i>Molecular Neurobiology</i> , 2019, 56, 7872-7887.	1.9	7
9	Low-Dose Aspirin Upregulates Tyrosine Hydroxylase and Increases Dopamine Production in Dopaminergic Neurons: Implications for Parkinson's Disease. <i>Journal of NeuroImmune Pharmacology</i> , 2019, 14, 173-187.	2.1	32
10	Cinnamic acid activates PPAR α to stimulate Lysosomal biogenesis and lower Amyloid plaque pathology in an Alzheimer's disease mouse model. <i>Neurobiology of Disease</i> , 2019, 124, 379-395.	2.1	90
11	Cinnamic Acid Protects the Nigrostriatum in a Mouse Model of Parkinson's Disease via Peroxisome Proliferator-Activated Receptor α . <i>Neurochemical Research</i> , 2019, 44, 751-762.	1.6	29
12	Upregulation of Myelin Gene Expression by a Physically-Modified Saline via Phosphatidylinositol 3-Kinase-Mediated Activation of CREB: Implications for Multiple Sclerosis. <i>Neurochemical Research</i> , 2018, 43, 407-419.	1.6	16
13	Aspirin ameliorates experimental autoimmune encephalomyelitis through interleukin-11-mediated protection of regulatory T cells. <i>Science Signaling</i> , 2018, 11, .	1.6	29
14	Selective disruption of TLR2-MyD88 interaction inhibits inflammation and attenuates Alzheimer's pathology. <i>Journal of Clinical Investigation</i> , 2018, 128, 4297-4312.	3.9	97
15	Aspirin Induces Lysosomal Biogenesis and Attenuates Amyloid Plaque Pathology in a Mouse Model of Alzheimer's Disease via PPAR α . <i>Journal of Neuroscience</i> , 2018, 38, 6682-6699.	1.7	98
16	Aspirin binds to PPAR α to stimulate hippocampal plasticity and protect memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7408-E7417.	3.3	65
17	Upregulation of Suppressor of Cytokine Signaling 3 in Microglia by Cinnamic Acid. <i>Current Alzheimer Research</i> , 2018, 15, 894-904.	0.7	24
18	Astrocytes, Oligodendrocytes and Schwann Cells. , 2017, , 117-140.		4

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19	Lignin-graft-Polyoxazoline Conjugated Triazole a Novel Anti-Infective Ointment to Control Persistent Inflammation. <i>Scientific Reports</i> , 2017, 7, 46412.	1.6	44
20	Identification and characterization of PPAR α ligands in the hippocampus. <i>Nature Chemical Biology</i> , 2016, 12, 1075-1083.	3.9	63
21	Crede α 's method in eye water finds a nanomedicine base: a potential candidate to control ophthalmia neonatorum. <i>European Journal of Nanomedicine</i> , 2016, 8, .	0.6	2
22	Activation of Peroxisome Proliferator-activated Receptor α Induces Lysosomal Biogenesis in Brain Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 10309-10324.	1.6	108
23	HMG-CoA Reductase Inhibitors Bind to PPAR α to Upregulate Neurotrophin Expression in the Brain and Improve Memory in Mice. <i>Cell Metabolism</i> , 2015, 22, 253-265.	7.2	122
24	Sodium Benzoate, a Metabolite of Cinnamon and a Food Additive, Upregulates Ciliary Neurotrophic Factor in Astrocytes and Oligodendrocytes. <i>Neurochemical Research</i> , 2015, 40, 2333-2347.	1.6	21
25	Interleukin α 12 (α 12), but not α 23, induces the expression of α 7 in microglia and macrophages: implications for multiple sclerosis. <i>Immunology</i> , 2014, 141, 549-563.	2.0	28
26	Salt-independent thermophilic α -amylase from <i>Bacillus megaterium</i> VUMB109: An efficacy testing for preparation of maltooligosaccharides. <i>Industrial Crops and Products</i> , 2013, 41, 386-391.	2.5	44
27	Regulation of Cyclic AMP Response Element Binding and Hippocampal Plasticity-Related Genes by Peroxisome Proliferator-Activated Receptor α . <i>Cell Reports</i> , 2013, 4, 724-737.	2.9	130
28	Down-regulation of Myelin Gene Expression in Human Oligodendrocytes by Nitric Oxide: Implications for Demyelination in Multiple Sclerosis. <i>Journal of Clinical & Cellular Immunology</i> , 2013, 04, .	1.5	25
29	Gemfibrozil, a Lipid-lowering Drug, Increases Myelin Genes in Human Oligodendrocytes via Peroxisome Proliferator-activated Receptor- α . <i>Journal of Biological Chemistry</i> , 2012, 287, 34134-34148.	1.6	25
30	Gemfibrozil, a Lipid Lowering Drug, Inhibits the Activation of Primary Human Microglia Via Peroxisome Proliferator-Activated Receptor α . <i>Neurochemical Research</i> , 2012, 37, 1718-1729.	1.6	18
31	Isozymes of α -amylases from newly isolated <i>Bacillus thuringiensis</i> CKB19: Production from immobilized cells. <i>Biotechnology and Bioprocess Engineering</i> , 2011, 16, 312-319.	1.4	18
32	The potential of immobilized bacterial α -amylase on coconut coir, a smart carrier for biocatalysts. <i>Biocatalysis and Biotransformation</i> , 2009, 27, 131-135.	1.1	15
33	IL α 12 p40 homodimer, the so-called biologically inactive molecule, induces nitric oxide synthase in microglia via IL α 12R α 1. <i>Glia</i> , 2009, 57, 1553-1565.	2.5	36
34	Induction of lymphotoxin α by interleukin α 12 p40 homodimer, the so-called biologically inactive molecule, but not IL α 12 p70. <i>Immunology</i> , 2009, 127, 312-325.	2.0	38
35	IL-12 p40 homodimer, but not IL-12 p70, induces the expression of IL-16 in microglia and macrophages. <i>Molecular Immunology</i> , 2009, 46, 773-783.	1.0	52
36	Astrocytes, Oligodendrocytes, and Schwann Cells. , 2008, , 69-88.		1

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37	Fibrillar Amyloid- β Peptides Activate Microglia via TLR2: Implications for Alzheimer's Disease. <i>Journal of Immunology</i> , 2008, 181, 7254-7262.	0.4	288
38	MAPK p38 Regulates Transcriptional Activity of NF- κ B in Primary Human Astrocytes via Acetylation of p65. <i>Journal of Immunology</i> , 2007, 179, 7101-7109.	0.4	211
39	Involvement of Phosphatidylinositol 3-Kinase-Mediated Up-Regulation of β 1 in Anti-Inflammatory Effect of Gemfibrozil in Microglia. <i>Journal of Immunology</i> , 2007, 179, 4142-4152.	0.4	82
40	Gemfibrozil Ameliorates Relapsing-Remitting Experimental Autoimmune Encephalomyelitis Independent of Peroxisome Proliferator-Activated Receptor- α . <i>Molecular Pharmacology</i> , 2007, 72, 934-946.	1.0	77
41	A Simplified Method for Isolating Highly Purified Neurons, Oligodendrocytes, Astrocytes, and Microglia from the Same Human Fetal Brain Tissue. <i>Neurochemical Research</i> , 2007, 32, 2015-2022.	1.6	63
42	Regulation of inducible nitric oxide synthase in proinflammatory cytokine-stimulated human primary astrocytes. <i>Free Radical Biology and Medicine</i> , 2005, 38, 655-664.	1.3	100
43	Redox regulation of cytokine-mediated inhibition of myelin gene expression in human primary oligodendrocytes. <i>Free Radical Biology and Medicine</i> , 2005, 39, 823-831.	1.3	57
44	Myelin Basic Protein-primed T Cells of Female but Not Male Mice Induce Nitric-oxide Synthase and Proinflammatory Cytokines in Microglia. <i>Journal of Biological Chemistry</i> , 2005, 280, 32609-32617.	1.6	28
45	Antineuroinflammatory Effect of NF- κ B Essential Modifier-Binding Domain Peptides in the Adoptive Transfer Model of Experimental Allergic Encephalomyelitis. <i>Journal of Immunology</i> , 2004, 173, 1344-1354.	0.4	115
46	Induction of tumor necrosis factor- α (TNF- α) by interleukin-12 p40 monomer and homodimer in microglia and macrophages. <i>Journal of Neurochemistry</i> , 2004, 86, 519-528.	2.1	92
47	Sodium Phenylacetate Inhibits Adoptive Transfer of Experimental Allergic Encephalomyelitis in SJL/J Mice at Multiple Steps. <i>Journal of Immunology</i> , 2003, 170, 3874-3882.	0.4	79
48	Role of Very-late Antigen-4 (VLA-4) in Myelin Basic Protein-primed T Cell Contact-induced Expression of Proinflammatory Cytokines in Microglial Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 22424-22431.	1.6	59
49	Myelin Basic Protein-primed T Cells Induce Nitric Oxide Synthase in Microglial Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 39327-39333.	1.6	49
50	Human Immunodeficiency Virus Type 1 (HIV-1) Tat Induces Nitric-oxide Synthase in Human Astroglia. <i>Journal of Biological Chemistry</i> , 2002, 277, 39312-39319.	1.6	123
51	Gemfibrozil, a Lipid-lowering Drug, Inhibits the Induction of Nitric-oxide Synthase in Human Astrocytes. <i>Journal of Biological Chemistry</i> , 2002, 277, 45984-45991.	1.6	85
52	Regulation of tumor necrosis factor- α expression by CD40 ligation in BV-2 microglial cells. <i>Journal of Neurochemistry</i> , 2002, 80, 197-206.	2.1	37
53	Ligation of CD40 Stimulates the Induction of Nitric-oxide Synthase in Microglial Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 44527-44533.	1.6	100