

Surya Singh

List of Publications by Year in descending order

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54
papers

3,139
citations

147786

31
h-index

182417

51
g-index

55
all docs

55
docs citations

55
times ranked

3351
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroprotection by <i>Mucuna pruriens</i> in Neurodegenerative Diseases. <i>Neurochemical Research</i> , 2022, 47, 1816-1829.	3.3	10
2	Inhibition of pan-Aurora kinase attenuates evoked and ongoing pain in nerve injured rats via regulating KIF17-NR2B mediated signaling. <i>International Immunopharmacology</i> , 2022, 106, 108622.	3.8	15
3	Obstacles in the Adaptation of Biopesticides in India. , 2021, , 301-318.		0
4	Reverse transcription-loop mediated isothermal amplification (RT-LAMP) assay for detection of AhR receptor responsive xenobiotics. <i>Toxicology Mechanisms and Methods</i> , 2021, 31, 359-366.	2.7	1
5	Pathophysiology linking depression and type 2 diabetes: Psychotherapy, physical exercise, and fecal microbiome transplantation as damage control. <i>European Journal of Neuroscience</i> , 2021, 53, 2870-2900.	2.6	25
6	Epigenetic Modulation in Parkinson's Disease and Potential Treatment Therapies. <i>Neurochemical Research</i> , 2021, 46, 1618-1626.	3.3	19
7	<i>Trichoderma</i> spp. mediated induction of systemic defense response in brinjal against <i>Sclerotinia sclerotiorum</i> . <i>Current Research in Microbial Sciences</i> , 2021, 2, 100051.	2.3	10
8	Evaluation of Triclosan-induced reproductive impairments in the accessory reproductive organs and sperm indices in the mice. <i>Acta Histochemica</i> , 2021, 123, 151744.	1.8	9
9	Lipid-Coated MCM-41 Mesoporous Silica Nanoparticles Loaded with Berberine Improved Inhibition of Acetylcholine Esterase and Amyloid Formation. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 3737-3753.	5.2	42
10	Organochlorine pesticide dieldrin upregulate proximal promoter (P11) driven CYP19A1 gene expression and increases estrogen production in granulosa cells. <i>Reproductive Toxicology</i> , 2021, 106, 103-108.	2.9	4
11	Unraveling the Neuroprotective Effect of <i>Tinospora cordifolia</i> in a Parkinsonian Mouse Model through the Proteomics Approach. <i>ACS Chemical Neuroscience</i> , 2021, 12, 4319-4335.	3.5	18
12	A comparative study of effects of 28-day exposure of bisphenol A and bisphenol S on body weight changes, organ histology, and relative organ weight. <i>International Journal of Applied & Basic Medical Research</i> , 2021, 11, 214.	0.5	7
13	NF- κ B-Mediated Neuroinflammation in Parkinson's Disease and Potential Therapeutic Effect of Polyphenols. <i>Neurotoxicity Research</i> , 2020, 37, 491-507.	2.7	121
14	Auxins of microbial origin and their use in agriculture. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 8549-8565.	3.6	75
15	Neuroprotective Effect of Chlorogenic Acid on Mitochondrial Dysfunction-Mediated Apoptotic Death of DA Neurons in a Parkinsonian Mouse Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	4.0	101
16	Biopesticides: Current Status and Future Prospects in India. , 2020, , 79-109.		6
17	Neuroprotection of Rotenone-Induced Parkinsonism by Ursolic Acid in PD Mouse Model. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020, 19, 527-540.	1.4	54
18	Quality Control in Huntington's Disease: a Therapeutic Target. <i>Neurotoxicity Research</i> , 2019, 36, 612-626.	2.7	26

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19	Re-addressing the biosafety issues of plant growth promoting rhizobacteria. <i>Science of the Total Environment</i> , 2019, 690, 841-852.	8.0	94
20	Mixed PGPR consortium: an effective modulator of antioxidant network for management of collar rot in cauliflower. <i>Archives of Phytopathology and Plant Protection</i> , 2019, 52, 844-862.	1.3	9
21	Novel Molecular Hybrids of <i>N</i> -Benzylpiperidine and 1,3,4-Oxadiazole as Multitargeted Therapeutics to Treat Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2019, 10, 4361-4384.	3.5	40
22	Tetramethylpyrazine prevents diabetes by activating PI3K/Akt/GLUT-4 signalling in animal model of type-2 diabetes. <i>Life Sciences</i> , 2019, 236, 116836.	4.3	32
23	The Role of PI3K/Akt and ERK in Neurodegenerative Disorders. <i>Neurotoxicity Research</i> , 2019, 35, 775-795.	2.7	297
24	Regulatory barriers to Agricultural Research commercialization: A case study of biopesticides in India. <i>Rhizosphere</i> , 2019, 11, 100155.	3.0	27
25	Neuroprotective effect of chlorogenic acid in global cerebral ischemia-reperfusion rat model. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2019, 392, 1293-1309.	3.0	43
26	Neuroprotective effects of <i>Withania somnifera</i> in BPA induced-cognitive dysfunction and oxidative stress in mice. <i>Behavioral and Brain Functions</i> , 2019, 15, 9.	3.3	59
27	Anti-inflammatory Activity of Ursolic Acid in MPTP-Induced Parkinsonian Mouse Model. <i>Neurotoxicity Research</i> , 2019, 36, 452-462.	2.7	113
28	Biphenyl-3-oxo-1,2,4-triazine linked piperazine derivatives as potential cholinesterase inhibitors with anti-oxidant property to improve the learning and memory. <i>Bioorganic Chemistry</i> , 2019, 85, 82-96.	4.1	96
29	Design and development of some phenyl benzoxazole derivatives as a potent acetylcholinesterase inhibitor with antioxidant property to enhance learning and memory. <i>European Journal of Medicinal Chemistry</i> , 2019, 163, 116-135.	5.5	94
30	<i>Tinospora cordifolia</i> Suppresses Neuroinflammation in Parkinsonian Mouse Model. <i>NeuroMolecular Medicine</i> , 2019, 21, 42-53.	3.4	73
31	NK Cell Effector Functions Regulation by Modulating nTreg Cell Population During Progressive Growth of Dalton's Lymphoma in Mice. <i>Immunological Investigations</i> , 2018, 47, 40-56.	2.0	12
32	<i>Mucuna pruriens</i> reduces inducible nitric oxide synthase expression in Parkinsonian mice model. <i>Journal of Chemical Neuroanatomy</i> , 2017, 80, 1-10.	2.1	82
33	Role of ethanolic extract of <i>Bacopa monnieri</i> against 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) induced mice model via inhibition of apoptotic pathways of dopaminergic neurons. <i>Brain Research Bulletin</i> , 2017, 135, 120-128.	3.0	36
34	Protein kinase C- δ and the regulation of diverse cell responses. <i>Biomolecular Concepts</i> , 2017, 8, 143-153.	2.2	58
35	Microbiome, probiotics and neurodegenerative diseases: deciphering the gut brain axis. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 3769-3787.	5.4	362
36	Immunomodulation of Parkinson's disease using <i>Mucuna pruriens</i> (Mp). <i>Journal of Chemical Neuroanatomy</i> , 2017, 85, 27-35.	2.1	60

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37	ANTIOXIDANT, CYTOTOXICITY, AND STABILITY EVALUATION OF GINKGO BILOBA EXTRACT-BASED MICROEMULSIONS FOR ENHANCED THERAPEUTIC ACTIVITY. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 335.	0.3	1
38	Commentary: Synaptic vesicle glycoprotein 2C (SV2C) modulates dopamine release and is disrupted in Parkinson disease. Frontiers in Synaptic Neuroscience, 2017, 9, 18.	2.5	4
39	Ursolic acid attenuates oxidative stress in nigrostriatal tissue and improves neurobehavioral activity in MPTP-induced Parkinsonian mouse model. Journal of Chemical Neuroanatomy, 2016, 71, 41-49.	2.1	108
40	Increase in the expression of inducible nitric oxide synthase on exposure to bisphenol A: A possible cause for decline in steroidogenesis in male mice. Environmental Toxicology and Pharmacology, 2015, 39, 405-416.	4.0	36
41	Biodesulfurization of benzonaphthothiophene by an isolated <i>Gordonia</i> sp. IITR100. International Biodeterioration and Biodegradation, 2015, 104, 105-111.	3.9	30
42	<i>Withania somnifera</i> Alleviates Parkinsonian Phenotypes by Inhibiting Apoptotic Pathways in Dopaminergic Neurons. Neurochemical Research, 2014, 39, 2527-2536.	3.3	100
43	Effect of Bisphenol A on human health and its degradation by microorganisms: a review. Annals of Microbiology, 2014, 64, 13-21.	2.6	48
44	Comparison of the neuroprotective potential of <i>Mucuna pruriens</i> seed extract with estrogen in 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP)-induced PD mice model. Neurochemistry International, 2014, 65, 1-13.	3.8	58
45	Unraveling the efficient applications of secondary metabolites of various <i>Trichoderma</i> spp.. Applied Microbiology and Biotechnology, 2014, 98, 533-544.	3.6	231
46	Cloning and characterization of 2-C-methyl-d-erythritol-4-phosphate pathway genes for isoprenoid biosynthesis from Indian ginseng, <i>Withania somnifera</i> . Protoplasma, 2013, 250, 285-295.	2.1	37
47	Neuroprotective Role of <i>Withania somnifera</i> Root Extract in MPTP-Induced Mouse Model of Parkinsonism. Neurochemical Research, 2013, 38, 972-980.	3.3	91
48	<i>Mucuna pruriens</i> seed extract reduces oxidative stress in nigrostriatal tissue and improves neurobehavioral activity in paraquat-induced Parkinsonian mouse model. Neurochemistry International, 2013, 62, 1039-1047.	3.8	68
49	De Novo Assembly, Functional Annotation and Comparative Analysis of <i>Withania somnifera</i> Leaf and Root Transcriptomes to Identify Putative Genes Involved in the Withanolides Biosynthesis. PLoS ONE, 2013, 8, e62714.	2.5	95
50	Synergistic effect of <i>Mucuna pruriens</i> and <i>Withania somnifera</i> in a paraquat induced Parkinsonian mouse model. Advances in Bioscience and Biotechnology (Print), 2013, 04, 1-9.	0.7	11
51	Temporal and Spatial Regulation of CRE Recombinase Expression in Gonadotrophin-Releasing Hormone Neurons in the Mouse. Journal of Neuroendocrinology, 2008, 20, 909-916.	2.6	42
52	Development of an Immortalised, Post-Pubertal Gonadotrophin-Releasing Hormone Neuronal Cell Line. Journal of Neuroendocrinology, 2008, 20, 1029-1037.	2.6	8
53	IG20 (MADD splice variant-5), a proapoptotic protein, interacts with DR4/DR5 and enhances TRAIL-induced apoptosis by increasing recruitment of FADD and caspase-8 to the DISC. Oncogene, 2004, 23, 6083-6094.	5.9	32
54	Development, characterization and cytotoxicity evaluation of <i>Gingko biloba</i> extract (EGB761) loaded microemulsion for intra-nasal application. Journal of Applied Pharmaceutical Science, 0, , 024-034.	1.0	9