

Shashi Bala Singh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3254119/publications.pdf>

Version: 2024-02-01

29
papers

546
citations

623734

14
h-index

677142

22
g-index

29
all docs

29
docs citations

29
times ranked

577
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19: Pathophysiology, treatment options, nanotechnology approaches, and research agenda to combating the SARS-CoV2 pandemic. <i>Life Sciences</i> , 2020, 261, 118336.	4.3	65
2	Heat stress-induced neuroinflammation and aberration in monoamine levels in hypothalamus are associated with temperature dysregulation. <i>Neuroscience</i> , 2017, 358, 79-92.	2.3	58
3	Panorama of dissolving microneedles for transdermal drug delivery. <i>Life Sciences</i> , 2021, 284, 119877.	4.3	46
4	Polymer-drug conjugates: recent advances and future perspectives. <i>Drug Discovery Today</i> , 2020, 25, 1718-1726.	6.4	44
5	Heat stress modulated gastrointestinal barrier dysfunction: role of tight junctions and heat shock proteins. <i>Scandinavian Journal of Gastroenterology</i> , 2017, 52, 1315-1319.	1.5	30
6	Role of DNA Methylation in Hypobaric Hypoxia-Induced Neurodegeneration and Spatial Memory Impairment. <i>Annals of Neurosciences</i> , 2018, 25, 191-200.	1.7	30
7	Glia: A major player in glutamate-GABA dysregulation-mediated neurodegeneration. <i>Journal of Neuroscience Research</i> , 2021, 99, 3148-3189.	2.9	29
8	Chitosan and phospholipid assisted topical fusidic acid drug delivery in burn wound: Strategies to conquer pharmaceutical and clinical challenges, opportunities and future panorama. <i>International Journal of Biological Macromolecules</i> , 2020, 161, 325-335.	7.5	26
9	Recent advances in the development of microparticles for pulmonary administration. <i>Drug Discovery Today</i> , 2020, 25, 1865-1872.	6.4	23
10	Role of MicroRNAs, Aptamers in Neuroinflammation and Neurodegenerative Disorders. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 2075-2095.	3.3	22
11	Fundamental Aspects of Lipid-Based Excipients in Lipid-Based Product Development. <i>Pharmaceutics</i> , 2022, 14, 831.	4.5	22
12	Heat stress induced oxidative damage and perturbation in BDNF/ERK1/2/CREB axis in hippocampus impairs spatial memory. <i>Behavioural Brain Research</i> , 2021, 396, 112895.	2.2	21
13	Self healing hydrogels: A new paradigm immunoadjuvant for delivering peptide vaccine. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 194, 111171.	5.0	19
14	Carvacrol abates NLRP3 inflammasome activation by augmenting Keap1/Nrf-2/p62 directed autophagy and mitochondrial quality control in neuropathic pain. <i>Nutritional Neuroscience</i> , 2022, 25, 1731-1746.	3.1	19
15	Uncoupling proteins as a therapeutic target for the development of new era drugs against neurodegenerative disorder. <i>Biomedicine and Pharmacotherapy</i> , 2022, 147, 112656.	5.6	16
16	Nanotechnological Advances for Nose to Brain Delivery of Therapeutics to Improve the Parkinson Therapy. <i>Current Neuropharmacology</i> , 2023, 21, 493-516.	2.9	15
17	HDAC inhibition prevents hypobaric hypoxia-induced spatial memory impairment through $\text{PI}^3\text{K}/\text{GSK}3^{\beta}/\text{CREB}$ pathway. <i>Journal of Cellular Physiology</i> , 2021, 236, 6754-6771.	4.1	9
18	Renoprotective potential of myo-inositol on diabetic kidney disease: Focus on the role of the PINK1/Parkin pathway and mitophagy receptors. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, 36, e23032.	3.0	9

#	ARTICLE	IF	CITATIONS
19	PARP overactivation in neurological disorders. <i>Molecular Biology Reports</i> , 2021, 48, 2833-2841.	2.3	8
20	Indole-3-propionic acid attenuates high glucose induced ER stress response and augments mitochondrial function by modulating PERK-IRE1-ATF4-CHOP signalling in experimental diabetic neuropathy. <i>Archives of Physiology and Biochemistry</i> , 2022, , 1-14.	2.1	8
21	Molecular encapsulation of andrographolide in 2-hydroxypropyl- β -cyclodextrin cavity: synthesis, characterization, pharmacokinetic and in vitro antiviral activity analysis against SARS-CoV-2. <i>Heliyon</i> , 2021, 7, e07741.	3.2	7
22	Does skin permeation kinetics influence efficacy of topical dermal drug delivery system?: Assessment, prediction, utilization, and integration of chitosan biomacromolecule for augmenting topical dermal drug delivery in skin. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2021, 12, 345.	1.0	5
23	A molecular insight of inflammatory cascades in rheumatoid arthritis and anti-arthritic potential of phytoconstituents. <i>Molecular Biology Reports</i> , 2022, 49, 2375-2391.	2.3	5
24	Design and validation of Integrated Yoga Therapy module for Antarctic expeditioners. <i>Journal of Ayurveda and Integrative Medicine</i> , 2020, 11, 97-100.	1.7	3
25	Film forming topical dermal spray of meloxicam attenuated pain and inflammation in carrageenan-induced paw oedema in Sprague Dawley rats. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 70, 103195.	3.0	3
26	Luliconazole Topical Dermal Drug Delivery for Superficial Fungal Infections: Penetration Hurdles and Role of Functional Nanomaterials. <i>Current Pharmaceutical Design</i> , 2022, 28, 1611-1620.	1.9	2
27	Decoding the silent walk of COVID-19: Halting its spread using old bullets. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 110891.	5.6	1
28	Mitochondrial remodelling a vicious cycle in diabetic complications. <i>Molecular Biology Reports</i> , 2021, 48, 4721-4731.	2.3	1
29	Potential of Phytomolecules in Sync with Nanotechnology to Surmount the Limitations of Current Treatment Options in the Management of Osteoarthritis. <i>Mini-Reviews in Medicinal Chemistry</i> , 2022, 22, .	2.4	0