Dharmendra Kumar Khatri

List of Publications by Year
in descending order

30 papers	437 citations	840776 11 h-index	794594 19 g-index
31 all docs	31 docs citations	31 times ranked	354 citing authors

#	Article	IF	Citations
1	Nanotechnological Advances for Nose to Brain Delivery of Therapeutics to Improve the Parkinson Therapy. Current Neuropharmacology, 2023, 21, 493-516.	2.9	15
2	Understanding the Involvement of microRNAs in Mitochondrial Dysfunction and Their Role as Potential Biomarkers and Therapeutic Targets in Parkinsonâ€™s Disease. Journal of Alzheimer's Disease, 2023, 94, S187-S202.	2.6	8
3	Carvacrol abates NLRP3 inflammasome activation by augmenting Keap1/Nrf-2/p62 directed autophagy and mitochondrial quality control in neuropathic pain. Nutritional Neuroscience, 2022, 25, 1731-1746.	3.1	19
4	Role of MicroRNAs, Aptamers in Neuroinflammation and Neurodegenerative Disorders. Cellular and Molecular Neurobiology, 2022, 42, 2075-2095.	3.3	22
5	Inhalable Polymeric Micro and Nano-immunoadjuvants for Developing Therapeutic Vaccines in the Treatment of Non-small Cell Lung Cancer. Current Pharmaceutical Design, 2022, 28, 395-409.	1.9	1
6	A molecular insight of inflammatory cascades in rheumatoid arthritis and anti-arthritic potential of phytoconstituents. Molecular Biology Reports, 2022, 49, 2375-2391.	2.3	5
7	GSK2606414 attenuates PERK/p-eIF2Î±/ATF4/CHOP axis and augments mitochondrial function to mitigate high glucose induced neurotoxicity in N2A cells. Current Research in Pharmacology and Drug Discovery, 2022, 3, 100087.	3.6	16
8	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. Archives of Physiology and Biochemistry, 2022, , 1-14.	2.1	8
9	Enigmatic role of exosomes in breast cancer progression and therapy. Life Sciences, 2022, 289, 120210.	4.3	16
10	Lipid nanoparticles in topical dermal drug delivery: Does chemistry of lipid persuade skin penetration?. Journal of Drug Delivery Science and Technology, 2022, 69, 103176.	3.0	10
11	Strategy to counteract the pyrazinamide induced hepatotoxicity by developing naringin based Co-amorphous system with supplementary benefits. Journal of Drug Delivery Science and Technology, 2022, 69, 103181.	3.0	4
12	Renoprotective potential of myoâ€inositol on diabetic kidney disease: Focus on theÂrole of the PINK1/Parkin pathway and mitophagy receptors. Journal of Biochemical and Molecular Toxicology, 2022, 36, e23032.	3.0	9
13	Acute and Subacute Toxicity Assessment of Andrographolide-2-hydroxypropyl-Î²-cyclodextrin Complex via Oral and Inhalation Route of Administration in Sprague-Dawley Rats. Scientific World Journal, The, 2022, 2022, 1-9.	2.1	5
14	Film forming topical dermal spray of meloxicam attenuated pain and inflammation in carrageenan-induced paw oedema in Sprague Dawley rats. Journal of Drug Delivery Science and Technology, 2022, 70, 103195.	3.0	3
15	Iodinated curcumin as a novel anti-bacterial agent to combat Methicillin-resistant Staphylococcus aureus in bovine mastitis: In silico analysis, synthesis and in vitro evaluation. Letters in Drug Design and Discovery, 2022, 19, .	0.7	0
16	Luliconazole Topical Dermal Drug Delivery for Superficial Fungal Infections: Penetration Hurdles and Role of Functional Nanomaterials. Current Pharmaceutical Design, 2022, 28, 1611-1620.	1.9	2
17	Biomimetic nanotherapeutics: Employing nanoghosts to fight melanoma. European Journal of Pharmaceutics and Biopharmaceutics, 2022, 177, 157-174.	4.3	12
18	Gauging the role and impact of drug interactions and repurposing in neurodegenerative disorders. Current Research in Pharmacology and Drug Discovery, 2021, 2, 100022.	3.6	5

#	Article	IF	Citations
19	PARP overactivation in neurological disorders. Molecular Biology Reports, 2021, 48, 2833-2841.	2.3	8
20	Mitochondrial remodellingâ€"a vicious cycle in diabetic complications. Molecular Biology Reports, 2021, 48, 4721-4731.	2.3	1
21	Perspective insights and application of exosomes as a novel tool against neurodegenerative disorders: An expository appraisal. Journal of Drug Delivery Science and Technology, 2021, 63, 102526.	3.0	1
22	Molecular encapsulation of andrographolide in 2-hydroxypropyl-Î²-cyclodextrin cavity: synthesis, characterization, pharmacokinetic and in vitro antiviral activity analysis against SARS-CoV-2. Heliyon, 2021, 7, e07741.	3.2	7
23	Mitochondrial quality control: Epigenetic signatures and therapeutic strategies. Neurochemistry International, 2021, 148, 105095.	3.8	14
24	Solid self emulsifying drug delivery system: Superior mode for oral delivery of hydrophobic cargos. Journal of Controlled Release, 2021, 337, 646-660.	9.9	47
25	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. Journal of Advanced Pharmaceutical Technology and Research, 2021, 12, 345.	1.0	5
26	Glia: A major player in glutamateâ€"GABA dysregulationâ€mediated neurodegeneration. Journal of Neuroscience Research, 2021, 99, 3148-3189.	2.9	29
27	Anxiety: An ignored aspect of Parkinsonâ€™s disease lacking attention. Biomedicine and Pharmacotherapy, 2020, 131, 110776.	5.6	34
28	Neuroprotective effect of curcumin as evinced by abrogation of rotenone-induced motor deficits, oxidative and mitochondrial dysfunctions in mouse model of Parkinson's disease. Pharmacology Biochemistry and Behavior, 2016, 150-151, 39-47.	2.9	85
29	Kinetics of inhibition of monoamine oxidase using curcumin and ellagic acid. Pharmacognosy Magazine, 2016, 12, 116.	0.6	38
30	Propensity of Hyoscyamus niger seeds methanolic extract to allay stereotaxically rotenone-induced Parkinsonâ€™s disease symptoms in rats. Oriental Pharmacy and Experimental Medicine, 2015, 15, 327-339.	1.2	6