

# Dharmendra Kumar Khatri

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

437  
citations

840585

11  
h-index

794469

19  
g-index

31  
all docs

31  
docs citations

31  
times ranked

354  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroprotective effect of curcumin as evinced by abrogation of rotenone-induced motor deficits, oxidative and mitochondrial dysfunctions in mouse model of Parkinson's disease. <i>Pharmacology Biochemistry and Behavior</i> , 2016, 150-151, 39-47.	1.3	85
2	Solid self emulsifying drug delivery system: Superior mode for oral delivery of hydrophobic cargos. <i>Journal of Controlled Release</i> , 2021, 337, 646-660.	4.8	47
3	Kinetics of inhibition of monoamine oxidase using curcumin and ellagic acid. <i>Pharmacognosy Magazine</i> , 2016, 12, 116.	0.3	38
4	Anxiety: An ignored aspect of Parkinson's disease lacking attention. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110776.	2.5	34
5	Glia: A major player in glutamate-GABA dysregulation-mediated neurodegeneration. <i>Journal of Neuroscience Research</i> , 2021, 99, 3148-3189.	1.3	29
6	Role of MicroRNAs, Aptamers in Neuroinflammation and Neurodegenerative Disorders. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 2075-2095.	1.7	22
7	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.	1.5	19
8	GSK2606414 attenuates PERK/p-eIF2 $\alpha$ /ATF4/CHOP axis and augments mitochondrial function to mitigate high glucose induced neurotoxicity in N2A cells. <i>Current Research in Pharmacology and Drug Discovery</i> , 2022, 3, 100087.	1.7	16
9	Enigmatic role of exosomes in breast cancer progression and therapy. <i>Life Sciences</i> , 2022, 289, 120210.	2.0	16
10	Nanotechnological Advances for Nose to Brain Delivery of Therapeutics to Improve the Parkinson Therapy. <i>Current Neuropharmacology</i> , 2023, 21, 493-516.	1.4	15
11	Mitochondrial quality control: Epigenetic signatures and therapeutic strategies. <i>Neurochemistry International</i> , 2021, 148, 105095.	1.9	14
12	Biomimetic nanotherapeutics: Employing nanoghosts to fight melanoma. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2022, 177, 157-174.	2.0	12
13	Lipid nanoparticles in topical dermal drug delivery: Does chemistry of lipid persuade skin penetration?. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 69, 103176.	1.4	10
14	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.	1.4	9
15	PARP overactivation in neurological disorders. <i>Molecular Biology Reports</i> , 2021, 48, 2833-2841.	1.0	8
16	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.	1.0	8
17	Understanding the Involvement of microRNAs in Mitochondrial Dysfunction and Their Role as Potential Biomarkers and Therapeutic Targets in Parkinson's Disease. <i>Journal of Alzheimer's Disease</i> , 2023, 94, S187-S202.	1.2	8
18	Molecular encapsulation of andrographolide in 2-hydroxypropyl- $\beta$ -cyclodextrin cavity: synthesis, characterization, pharmacokinetic and in vitro antiviral activity analysis against SARS-CoV-2. <i>Heliyon</i> , 2021, 7, e07741.	1.4	7

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19	Propensity of Hyoscyamus niger seeds methanolic extract to allay stereotaxically rotenone-induced Parkinson's disease symptoms in rats. <i>Oriental Pharmacy and Experimental Medicine</i> , 2015, 15, 327-339.	1.2	6
20	Gauging the role and impact of drug interactions and repurposing in neurodegenerative disorders. <i>Current Research in Pharmacology and Drug Discovery</i> , 2021, 2, 100022.	1.7	5
21	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.	0.4	5
22	A molecular insight of inflammatory cascades in rheumatoid arthritis and anti-arthritic potential of phytoconstituents. <i>Molecular Biology Reports</i> , 2022, 49, 2375-2391.	1.0	5
23	Acute and Subacute Toxicity Assessment of Andrographolide-2-hydroxypropyl- $\beta$ -cyclodextrin Complex via Oral and Inhalation Route of Administration in Sprague-Dawley Rats. <i>Scientific World Journal</i> , The, 2022, 2022, 1-9.	0.8	5
24	Strategy to counteract the pyrazinamide induced hepatotoxicity by developing naringin based Co-amorphous system with supplementary benefits. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 69, 103181.	1.4	4
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.	1.4	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.	0.9	2
27	Mitochondrial remodelling a vicious cycle in diabetic complications. <i>Molecular Biology Reports</i> , 2021, 48, 4721-4731.	1.0	1
28	Perspective insights and application of exosomes as a novel tool against neurodegenerative disorders: An expository appraisal. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 63, 102526.	1.4	1
29	Inhalable Polymeric Micro and Nano-immunoadjuvants for Developing Therapeutic Vaccines in the Treatment of Non-small Cell Lung Cancer. <i>Current Pharmaceutical Design</i> , 2022, 28, 395-409.	0.9	1
30	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. <i>Letters in Drug Design and Discovery</i> , 2022, 19, .	0.4	0