

# Amit S Khairnar

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

700  
citations

567247

15  
h-index

610883

24  
g-index

27  
all docs

27  
docs citations

27  
times ranked

952  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amphetamine-related drugs neurotoxicity in humans and in experimental animals: Main mechanisms. <i>Progress in Neurobiology</i> , 2017, 155, 149-170.	5.7	176
2	Principles of diffusion kurtosis imaging and its role in early diagnosis of neurodegenerative disorders. <i>Brain Research Bulletin</i> , 2018, 139, 91-98.	3.0	72
3	Caffeine Enhances Astroglia and Microglia Reactivity Induced by 3,4-Methylenedioxymethamphetamine (Ecstasy) in Mouse Brain. <i>Neurotoxicity Research</i> , 2010, 17, 435-439.	2.7	47
4	Mesenchymal Stem Cell-Derived Exosomes Loaded with miR-155 Inhibitor Ameliorate Diabetic Wound Healing. <i>Molecular Pharmaceutics</i> , 2022, 19, 1294-1308.	4.6	42
5	MiR-155 Inhibitor-Laden Exosomes Reverse Resistance to Cisplatin in a 3D Tumor Spheroid and Xenograft Model of Oral Cancer. <i>Molecular Pharmaceutics</i> , 2021, 18, 3010-3025.	4.6	40
6	Protective effect of alpha mangostin on rotenone induced toxicity in rat model of Parkinson's disease. <i>Neuroscience Letters</i> , 2020, 716, 134652.	2.1	32
7	Influence of caffeine on 3,4-methylenedioxymethamphetamine-induced dopaminergic neuron degeneration and neuroinflammation is age-dependent. <i>Journal of Neurochemistry</i> , 2016, 136, 148-162.	3.9	31
8	Self-renewal signaling pathways in breast cancer stem cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 107, 140-153.	2.8	29
9	Neuroprotective and anti-inflammatory effects of the adenosine A <sub>2A</sub> receptor antagonist ST1535 in a MPTP mouse model of Parkinson's disease. <i>Synapse</i> , 2011, 65, 181-188.	1.2	28
10	Early and progressive microstructural brain changes in mice overexpressing human $\alpha$ -Synuclein detected by diffusion kurtosis imaging. <i>Brain, Behavior, and Immunity</i> , 2017, 61, 197-208.	4.1	28
11	A Cleaning Crew: The Pursuit of Autophagy in Parkinson's Disease. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3914-3926.	3.5	25
12	Pyruvate Kinase M2: a Metabolic Bug in Re-Wiring the Tumor Microenvironment. <i>Cancer Microenvironment</i> , 2019, 12, 149-167.	3.1	21
13	Late-stage $\alpha$ -synuclein accumulation in TNWT61 mouse model of Parkinson's disease detected by diffusion kurtosis imaging. <i>Journal of Neurochemistry</i> , 2016, 136, 1259-1269.	3.9	18
14	Diffusion Kurtosis Imaging Detects Microstructural Alterations in Brain of $\alpha$ -Synuclein Overexpressing Transgenic Mouse Model of Parkinson's Disease: A Pilot Study. <i>Neurotoxicity Research</i> , 2015, 28, 281-289.	2.7	17
15	Edaravone-caffeine combination for the effective management of rotenone induced Parkinson's disease in rats: An evidence based affirmative from a comparative analysis of behavior and biomarker expression. <i>Neuroscience Letters</i> , 2019, 711, 134438.	2.1	16
16	Pyruvate kinase M2 in chronic inflammations: a potpourri of crucial protein-protein interactions. <i>Cell Biology and Toxicology</i> , 2021, 37, 653-678.	5.3	14
17	Diffusion Kurtosis Imaging Detects Microstructural Changes in a Methamphetamine-Induced Mouse Model of Parkinson's Disease. <i>Neurotoxicity Research</i> , 2019, 36, 724-735.	2.7	12
18	Diffusion kurtosis imaging detects the time-dependent progress of pathological changes in the oral rotenone mouse model of Parkinson's disease. <i>Journal of Neurochemistry</i> , 2021, 158, 779-797.	3.9	12

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19	Intranasal Exposure to Low-Dose Rotenone Induced Alpha-Synuclein Accumulation and Parkinsonâ€™s Like Symptoms Without Loss of Dopaminergic Neurons. Neurotoxicity Research, 2021, , 1.	2.7	10
20	Boronic acid derivative activates pyruvate kinase M2 indispensable for redox metabolism in oral cancer cells. Bioorganic and Medicinal Chemistry Letters, 2022, 59, 128539.	2.2	10
21	<sup>99m</sup> Tc-NTP 15-5 Imaging for Cartilage Involvement in Experimental Rheumatoid Arthritis: Comparison with Routinely Used Molecular Imaging Methods and Sensitivity to Chronic Nonsteroidal Antiinflammatory Drug Treatment. Journal of Nuclear Medicine, 2015, 56, 798-804.	5.0	9
22	Role of miRNAs in Cancer Diagnostics and Therapy: A Recent Update. Current Pharmaceutical Design, 2022, 28, 471-487.	1.9	8
23	Antagonism of Adenosine A1 or A2A Receptors Amplifies the Effects of MDMA on Glial Activation in the Mouse Brain: Relevance to Caffeineâ€™MDMA Interactions. Journal of Caffeine Research, 2014, 4, 41-47.	0.9	2
24	Validation of Diffusion Kurtosis as an Early-Stage Biomarker of Parkinsonâ€™s in Animal Models. Neuromethods, 2022, , 429-455.	0.3	0