

Amit S Khairnar

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

700
citations

643344

15
h-index

685536

24
g-index

27
all docs

27
docs citations

27
times ranked

1036
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Validation of Diffusion Kurtosis as an Early-Stage Biomarker of Parkinson's in Animal Models. <i>Neuromethods</i> , 2022, , 429-455. | 0.2 | 0 |
| 2 | Role of miRNAs in Cancer Diagnostics and Therapy: A Recent Update. <i>Current Pharmaceutical Design</i> , 2022, 28, 471-487. | 0.9 | 8 |
| 3 | Boronic acid derivative activates pyruvate kinase M2 indispensable for redox metabolism in oral cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 59, 128539. | 1.0 | 10 |
| 4 | Mesenchymal Stem Cell-Derived Exosomes Loaded with miR-155 Inhibitor Ameliorate Diabetic Wound Healing. <i>Molecular Pharmaceutics</i> , 2022, 19, 1294-1308. | 2.3 | 42 |
| 5 | Pyruvate kinase M2 in chronic inflammations: a potpourri of crucial protein-protein interactions. <i>Cell Biology and Toxicology</i> , 2021, 37, 653-678. | 2.4 | 14 |
| 6 | 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. | 2.3 | 40 |
| 7 | 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. | 2.1 | 12 |
| 8 | Intranasal Exposure to Low-Dose Rotenone Induced Alpha-Synuclein Accumulation and Parkinson's Like Symptoms Without Loss of Dopaminergic Neurons. <i>Neurotoxicity Research</i> , 2021, , 1. | 1.3 | 10 |
| 9 | Protective effect of alpha mangostin on rotenone induced toxicity in rat model of Parkinson's disease. <i>Neuroscience Letters</i> , 2020, 716, 134652. | 1.0 | 32 |
| 10 | A Cleaning Crew: The Pursuit of Autophagy in Parkinson's Disease. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3914-3926. | 1.7 | 25 |
| 11 | 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. | 1.0 | 16 |
| 12 | Diffusion Kurtosis Imaging Detects Microstructural Changes in a Methamphetamine-Induced Mouse Model of Parkinson's Disease. <i>Neurotoxicity Research</i> , 2019, 36, 724-735. | 1.3 | 12 |
| 13 | Pyruvate Kinase M2: a Metabolic Bug in Re-Wiring the Tumor Microenvironment. <i>Cancer Microenvironment</i> , 2019, 12, 149-167. | 3.1 | 21 |
| 14 | Self-renewal signaling pathways in breast cancer stem cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 107, 140-153. | 1.2 | 29 |
| 15 | Principles of diffusion kurtosis imaging and its role in early diagnosis of neurodegenerative disorders. <i>Brain Research Bulletin</i> , 2018, 139, 91-98. | 1.4 | 72 |
| 16 | Amphetamine-related drugs neurotoxicity in humans and in experimental animals: Main mechanisms. <i>Progress in Neurobiology</i> , 2017, 155, 149-170. | 2.8 | 176 |
| 17 | Early and progressive microstructural brain changes in mice overexpressing human α -Synuclein detected by diffusion kurtosis imaging. <i>Brain, Behavior, and Immunity</i> , 2017, 61, 197-208. | 2.0 | 28 |
| 18 | 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. | 2.1 | 31 |

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|----|--|-----|-----------|
| 19 | Late-stage α -synuclein accumulation in TNWT61 mouse model of Parkinson's disease detected by diffusion kurtosis imaging. <i>Journal of Neurochemistry</i> , 2016, 136, 1259-1269. | 2.1 | 18 |
| 20 | Diffusion Kurtosis Imaging Detects Microstructural Alterations in Brain of α -Synuclein Overexpressing Transgenic Mouse Model of Parkinson's Disease: A Pilot Study. <i>Neurotoxicity Research</i> , 2015, 28, 281-289. | 1.3 | 17 |
| 21 | ^{99m} 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. <i>Journal of Nuclear Medicine</i> , 2015, 56, 798-804. | 2.8 | 9 |
| 22 | Antagonism of Adenosine A1 or A2A Receptors Amplifies the Effects of MDMA on Glial Activation in the Mouse Brain: Relevance to Caffeine-MDMA Interactions. <i>Journal of Caffeine Research</i> , 2014, 4, 41-47. | 1.0 | 2 |
| 23 | Neuroprotective and anti-inflammatory effects of the adenosine A _{2A} receptor antagonist ST1535 in a MPTP mouse model of Parkinson's disease. <i>Synapse</i> , 2011, 65, 181-188. | 0.6 | 28 |
| 24 | Caffeine Enhances Astroglia and Microglia Reactivity Induced by 3,4-Methylenedioxymethamphetamine (α -Ecstasy) in Mouse Brain. <i>Neurotoxicity Research</i> , 2010, 17, 435-439. | 1.3 | 47 |