

# Mohd Akhtar

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

1,489  
citations

304368

22  
h-index

344852

36  
g-index

55  
all docs

55  
docs citations

55  
times ranked

2440  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of phenolic compounds in peptic ulcer: An overview. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2011, 3, 361.	0.2	168
2	A comparative study of PNIPAM nanoparticles of curcumin, demethoxycurcumin, and bisdemethoxycurcumin and their effects on oxidative stress markers in experimental stroke. <i>Protoplasma</i> , 2013, 250, 1327-1338.	1.0	95
3	Neuroprotective role of astaxanthin in hippocampal insulin resistance induced by A $\beta$ peptides in animal model of Alzheimer's disease. <i>Biomedicine and Pharmacotherapy</i> , 2019, 110, 47-58.	2.5	84
4	Sodium glucose CoTransporter 2 (SGLT2) inhibitors: Current status and future perspective. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 93, 244-252.	1.9	70
5	Formulation by design based risperidone nano soft lipid vesicle as a new strategy for enhanced transdermal drug delivery: In-vitro characterization, and in-vivo appraisal. <i>Materials Science and Engineering C</i> , 2017, 75, 1198-1205.	3.8	69
6	A review on therapeutic potentials of <i>Trigonella foenum graecum</i> (fenugreek) and its chemical constituents in neurological disorders: Complementary roles to its hypolipidemic, hypoglycemic, and antioxidant potential. <i>Nutritional Neuroscience</i> , 2018, 21, 539-545.	1.5	53
7	Evaluation of <i>Myrtus communis</i> Linn. berries (common myrtle) in experimental ulcer models in rats. <i>Human and Experimental Toxicology</i> , 2010, 29, 935-944.	1.1	47
8	Enhancement in the Neuroprotective Power of Riluzole Against Cerebral Ischemia Using a Brain Targeted Drug Delivery Vehicle. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 19716-19723.	4.0	41
9	Betulinic acid, a natural PDE inhibitor restores hippocampal cAMP/cGMP and BDNF, improve cerebral blood flow and recover memory deficits in permanent BCCAO induced vascular dementia in rats. <i>European Journal of Pharmacology</i> , 2018, 832, 56-66.	1.7	41
10	Protective effects of histamine H3-receptor ligands in schizophrenic behaviors in experimental models. <i>Pharmacological Reports</i> , 2012, 64, 191-204.	1.5	37
11	Vitamin D supplementation for the management of knee osteoarthritis: a systematic review of randomized controlled trials. <i>Rheumatology International</i> , 2017, 37, 1489-1498.	1.5	36
12	A Natural Phenolic Compound Quercetin Showed the Usefulness by Targeting Inflammatory, Oxidative Stress Markers and Augment 5-HT Levels in One of the Animal Models of Depression in Mice. <i>Drug Research</i> , 2019, 69, 392-400.	0.7	36
13	Antipsychotic-like profile of thioperamide, a selective H3-receptor antagonist in mice. <i>Fundamental and Clinical Pharmacology</i> , 2006, 20, 373-378.	1.0	35
14	Bisphosphonates: Future perspective for neurological disorders. <i>Pharmacological Reports</i> , 2018, 70, 900-907.	1.5	35
15	Rosuvastatin Attenuates High-Salt and Cholesterol Diet Induced Neuroinflammation and Cognitive Impairment via Preventing Nuclear Factor KappaB Pathway. <i>Neurochemical Research</i> , 2017, 42, 2404-2416.	1.6	34
16	Neuroprotective study of <i>Nigella sativa</i> -loaded oral provesicular lipid formulation: in vitro and in vivo study. <i>Drug Delivery</i> , 2014, 21, 487-494.	2.5	32
17	Linagliptin, a DPP-4 inhibitor, ameliorates A $\beta$ (1-42) peptides induced neurodegeneration and brain insulin resistance (BIR) via insulin receptor substrate-1 (IRS-1) in rat model of Alzheimer's disease. <i>Neuropharmacology</i> , 2021, 195, 108662.	2.0	31
18	Protective effect of betulinic acid against intracerebroventricular streptozotocin induced cognitive impairment and neuronal damage in rats: Possible neurotransmitters and neuroinflammatory mechanism. <i>Pharmacological Reports</i> , 2018, 70, 540-548.	1.5	30

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19	Formulation and evaluation of nano lipid formulation containing CNS acting drug: molecular docking, <i>in-vitro</i> assessment and bioactivity detail in rats. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 46-57.	1.9	30
20	Ameliorative effect of alendronate against intracerebroventricular streptozotocin induced alteration in neurobehavioral, neuroinflammation and biochemical parameters with emphasis on A $\beta$ 2 and BACE-1. <i>NeuroToxicology</i> , 2019, 70, 122-134.	1.4	28
21	A novel therapeutic potential of cysteinyl leukotrienes and their receptors modulation in the neurological complications associated with Alzheimer's disease. <i>European Journal of Pharmacology</i> , 2019, 842, 208-220.	1.7	28
22	Effect of Thioperamide on Modified Forced Swimming Test-Induced Oxidative Stress in Mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2005, 97, 218-221.	1.2	25
23	Collagen Nanoparticle-Mediated Brain Silymarin Delivery: An Approach for Treating Cerebral Ischemia and Reperfusion-Induced Brain Injury. <i>Frontiers in Neuroscience</i> , 2020, 14, 538404.	1.4	24
24	Tannins Enriched Fraction of <i>Emblca officinalis</i> Fruits Alleviates High-Salt and Cholesterol Diet-Induced Cognitive Impairment in Rats via Nrf2-ARE Pathway. <i>Frontiers in Pharmacology</i> , 2018, 9, 23.	1.6	23
25	Benidipine prevents oxidative stress, inflammatory changes and apoptosis related myofibril damage in isoproterenol-induced myocardial infarction in rats. <i>Toxicology Mechanisms and Methods</i> , 2015, 25, 26-33.	1.3	22
26	Edaravone, a potent free radical scavenger and a calcium channel blocker attenuate isoproterenol induced myocardial infarction by suppressing oxidative stress, apoptotic signaling and ultrastructural damage. <i>Therapeutic Advances in Cardiovascular Disease</i> , 2016, 10, 214-223.	1.0	22
27	<i>Nigella sativa</i> protects against isoproterenol-induced myocardial infarction by alleviating oxidative stress, biochemical alterations and histological damage. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2017, 7, 294-299.	0.5	22
28	Nonionic surfactant based thymoquinone loaded nanoprionosomal formulation: <i>in vitro</i> physicochemical evaluation and <i>in vivo</i> hepatoprotective efficacy. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1413-1420.	0.9	20
29	Development, optimisation and evaluation of chitosan nanoparticles of alendronate against Alzheimer's disease in intracerebroventricular streptozotocin model for brain delivery. <i>Journal of Drug Targeting</i> , 2021, 29, 199-216.	2.1	20
30	Interactions of atenolol with alprazolam/escitalopram on anxiety, depression and oxidative stress. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 117, 79-84.	1.3	19
31	Empagliflozin nanoparticles attenuates type2 diabetes induced cognitive impairment via oxidative stress and inflammatory pathway in high fructose diet induced hyperglycemic mice. <i>Neurochemistry International</i> , 2021, 150, 105158.	1.9	18
32	Histamine H <sub>3</sub> receptor antagonists display antischizophrenic activities in rats treated with MK-801. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2016, 27, 463-471.	0.7	17
33	Effects of pioglitazone and vildagliptin on coagulation cascade in diabetes mellitus - targeting thrombogenesis. <i>Expert Opinion on Therapeutic Targets</i> , 2013, 17, 627-639.	1.5	16
34	Lupeol Isolated from <i>Betula alnoides</i> Ameliorates Amyloid Beta Induced Neuronal Damage via Targeting Various Pathological Events and Alteration in Neurotransmitter Levels in Rat's Brain. <i>Journal of Neurology and Neuroscience</i> , 2017, 08, .	0.4	16
35	<i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> Sensitivity/Resistance Pattern Towards Antimicrobial Agents in Primary and Simple Urinary Tract Infection Patients Visiting University Hospital of Jamia Hamdard New Delhi. <i>Drug Research</i> , 2018, 68, 415-420.	0.7	15
36	Neuroprotective role of alendronate against APP processing and neuroinflammation in mice fed a high fat diet. <i>Brain Research Bulletin</i> , 2020, 161, 197-212.	1.4	15

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37	High-salt- and cholesterol diet-associated cognitive impairment attenuated by tannins-enriched fraction of <i>Emblica officinalis</i> via inhibiting NF- $\kappa$ B pathway. <i>Inflammopharmacology</i> , 2018, 26, 147-156.	1.9	13
38	Hepatoprotective and antioxidant effects of fish oil on isoniazid-rifampin induced hepatotoxicity in rats. <i>PharmaNutrition</i> , 2017, 5, 29-33.	0.8	11
39	Gastroprotective Effect of Thymoquinone on Water Immersion Restraint Stress Induced Ulceration in Rats. <i>Drug Research</i> , 2017, 67, 366-372.	0.7	11
40	Nanothyminoquinone, a novel hepatotargeted delivery system for treating CCl <sub>4</sub> mediated hepatotoxicity in rats. <i>Journal of Materials Chemistry B</i> , 2013, 1, 2956.	2.9	10
41	Nanoparticle Based Delivery of Quercetin for the Treatment of Carbon Tetrachloride Mediated Liver Cirrhosis in Rats. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 274-285.	0.5	9
42	Rosuvastatin alleviates high-salt and cholesterol diet-induced cognitive impairment in rats via Nrf2-ARE pathway. <i>Redox Report</i> , 2018, 23, 168-179.	1.4	9
43	Alogliptin reversed hippocampal insulin resistance in an amyloid-beta fibrils induced animal model of Alzheimer's disease. <i>European Journal of Pharmacology</i> , 2020, 889, 173522.	1.7	9
44	Neuroprotective effect of guggulipid alone and in combination with aspirin on middle cerebral artery occlusion (MCAO) model of focal cerebral ischemia in rats. <i>Toxicology Mechanisms and Methods</i> , 2014, 24, 438-447.	1.3	8
45	Potential effects of vildagliptin on biomarkers associated with prothrombosis in diabetes mellitus. <i>Expert Opinion on Therapeutic Targets</i> , 2015, 19, 1607-1616.	1.5	8
46	Roflumilast Reduces Pathological Symptoms of Sporadic Alzheimer's Disease in Rats Produced by Intracerebroventricular Streptozotocin by Inhibiting NF- $\kappa$ B/BACE-1 Mediated A $\beta$ <sup>2</sup> Production in the Hippocampus and Activating the cAMP/BDNF Signalling Pathway. <i>Neurotoxicity Research</i> , 2022, 40, 432-448.	1.3	7
47	Cardioprotective role of H3R agonist imetit on isoproterenol-induced hemodynamic changes and oxidative stress in rats. <i>Toxicology Mechanisms and Methods</i> , 2015, 25, 235-240.	1.3	6
48	Effect of statins on amyloidosis in the rodent models of Alzheimer's disease: Evidence from the preclinical meta-analysis. <i>Brain Research</i> , 2020, 1749, 147115.	1.1	6
49	Alendronate reduces the cognitive and neurological disturbances induced by combined doses of galactose and aluminum chloride in mice. <i>Journal of Applied Toxicology</i> , 2021, 41, 1779-1793.	1.4	4
50	Behavioral Experimental Paradigms for the Evaluation of Drug's Influence on Cognitive Functions: Interpretation of Associative, Spatial/Nonspatial and Working Memory. <i>CNS and Neurological Disorders - Drug Targets</i> , 2019, 18, 185-204.	0.8	4
51	Targeting hypercoagulation to alleviate Alzheimer's disease progression in metabolic syndrome. <i>International Journal of Obesity</i> , 2022, 46, 245-254.	1.6	4
52	Effect of lacosamide on ethanol induced conditioned place preference and withdrawal associated behavior in mice: Possible contribution of hippocampal CRMP-2. <i>Pharmacological Reports</i> , 2019, 71, 804-810.	1.5	3
53	Quality by Design Approach to Formulate Empagliflozin-Loaded Chitosan Nanoparticles: In Vitro and In Vivo and Pharmacokinetic Evaluation of Anti-Diabetic Drugs. <i>Nano</i> , 2021, 16, .	0.5	2
54	Letter to the editor on the article "The effect of vitamin D supplementation on knee osteoarthritis: A meta-analysis of randomized controlled trials". <i>International Journal of Surgery</i> , 2017, 48, 309-310.	1.1	0