

Mohd Akhtar

List of Publications by Year in descending order

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54
papers

1,489
citations

304743
22
h-index

345221
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. Journal of Pharmacy and Bioallied Sciences, 2011, 3, 361.	0.6	168
2	A comparative study of PNIPAM nanoparticles of curcumin, demethoxycurcumin, and bisdemethoxycurcumin and their effects on oxidative stress markers in experimental stroke. Protoplasma, 2013, 250, 1327-1338.	2.1	95
3	Neuroprotective role of astaxanthin in hippocampal insulin resistance induced by A β peptides in animal model of Alzheimer's disease. Biomedicine and Pharmacotherapy, 2019, 110, 47-58.	5.6	84
4	Sodium glucose CoTransporter 2 (SGLT2) inhibitors: Current status and future perspective. European Journal of Pharmaceutical Sciences, 2016, 93, 244-252.	4.0	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. Materials Science and Engineering C, 2017, 75, 1198-1205.	7.3	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. Nutritional Neuroscience, 2018, 21, 539-545.	3.1	53
7	Evaluation of <i>Myrtus communis</i> Linn. berries (common myrtle) in experimental ulcer models in rats. Human and Experimental Toxicology, 2010, 29, 935-944.	2.2	47
8	Enhancement in the Neuroprotective Power of Riluzole Against Cerebral Ischemia Using a Brain Targeted Drug Delivery Vehicle. ACS Applied Materials & Interfaces, 2016, 8, 19716-19723.	8.0	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. European Journal of Pharmacology, 2018, 832, 56-66.	3.5	41
10	Protective effects of histamine H3-receptor ligands in schizophrenic behaviors in experimental models. Pharmacological Reports, 2012, 64, 191-204.	3.3	37
11	Vitamin D supplementation for the management of knee osteoarthritis: a systematic review of randomized controlled trials. Rheumatology International, 2017, 37, 1489-1498.	3.0	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. Drug Research, 2019, 69, 392-400.	1.7	36
13	Antipsychotic-like profile of thioperamide, a selective H3-receptor antagonist in mice. Fundamental and Clinical Pharmacology, 2006, 20, 373-378.	1.9	35
14	Bisphosphonates: Future perspective for neurological disorders. Pharmacological Reports, 2018, 70, 900-907.	3.3	35
15	Rosuvastatin Attenuates High-Salt and Cholesterol Diet Induced Neuroinflammation and Cognitive Impairment via Preventing Nuclear Factor KappaB Pathway. Neurochemical Research, 2017, 42, 2404-2416.	3.3	34
16	Neuroprotective study of <i>Nigella sativa</i> -loaded oral provesicular lipid formulation: in vitro and in vivo study. Drug Delivery, 2014, 21, 487-494.	5.7	32
17	Linagliptin, a DPP-4 inhibitor, ameliorates A β (1-42) peptides induced neurodegeneration and brain insulin resistance (BIR) via insulin receptor substrate-1 (IRS-1) in rat model of Alzheimer's disease. Neuropharmacology, 2021, 195, 108662.	4.1	31
18	Protective effect of betulinic acid against intracerebroventricular streptozotocin induced cognitive impairment and neuronal damage in rats: Possible neurotransmitters and neuroinflammatory mechanism. Pharmacological Reports, 2018, 70, 540-548.	3.3	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. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 46-57.	2.8	30
20	Ameliorative effect of alendronate against intracerebroventricular streptozotocin induced alteration in neurobehavioral, neuroinflammation and biochemical parameters with emphasis on A β 2 and BACE-1. NeuroToxicology, 2019, 70, 122-134.	3.0	28
21	A novel therapeutic potential of cysteinyl leukotrienes and their receptors modulation in the neurological complications associated with Alzheimer's disease. European Journal of Pharmacology, 2019, 842, 208-220.	3.5	28
22	Effect of Thioperamide on Modified Forced Swimming Test-Induced Oxidative Stress in Mice. Basic and Clinical Pharmacology and Toxicology, 2005, 97, 218-221.	2.5	25
23	Collagen Nanoparticle-Mediated Brain Silymarin Delivery: An Approach for Treating Cerebral Ischemia and Reperfusion-Induced Brain Injury. Frontiers in Neuroscience, 2020, 14, 538404.	2.8	24
24	Tannins Enriched Fraction of Emblica officinalis Fruits Alleviates High-Salt and Cholesterol Diet-Induced Cognitive Impairment in Rats via Nrf2-ARE Pathway. Frontiers in Pharmacology, 2018, 9, 23.	3.5	23
25	Benidipine prevents oxidative stress, inflammatory changes and apoptosis related myofibril damage in isoproterenol-induced myocardial infarction in rats. Toxicology Mechanisms and Methods, 2015, 25, 26-33.	2.7	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. Therapeutic Advances in Cardiovascular Disease, 2016, 10, 214-223.	2.1	22
27	Nigella sativa protects against isoproterenol-induced myocardial infarction by alleviating oxidative stress, biochemical alterations and histological damage. Asian Pacific Journal of Tropical Biomedicine, 2017, 7, 294-299.	1.2	22
28	Nonionic surfactant based thymoquinone loaded nanoprionosomal formulation: <i>in vitro</i> physicochemical evaluation and <i>in vivo</i> hepatoprotective efficacy. Drug Development and Industrial Pharmacy, 2017, 43, 1413-1420.	2.0	20
29	Development, optimisation and evaluation of chitosan nanoparticles of alendronate against Alzheimer's disease in intracerebroventricular streptozotocin model for brain delivery. Journal of Drug Targeting, 2021, 29, 199-216.	4.4	20
30	Interactions of atenolol with alprazolam/escitalopram on anxiety, depression and oxidative stress. Pharmacology Biochemistry and Behavior, 2014, 117, 79-84.	2.9	19
31	Empagliflozin nanoparticles attenuates type2 diabetes induced cognitive impairment via oxidative stress and inflammatory pathway in high fructose diet induced hyperglycemic mice. Neurochemistry International, 2021, 150, 105158.	3.8	18
32	Histamine H ₃ receptor antagonists display antischizophrenic activities in rats treated with MK-801. Journal of Basic and Clinical Physiology and Pharmacology, 2016, 27, 463-471.	1.3	17
33	Effects of pioglitazone and vildagliptin on coagulation cascade in diabetes mellitus - targeting thrombogenesis. Expert Opinion on Therapeutic Targets, 2013, 17, 627-639.	3.4	16
34	Lupeol Isolated from Betula alnoides Ameliorates Amyloid Beta Induced Neuronal Damage via Targeting Various Pathological Events and Alteration in Neurotransmitter Levels in Rat's Brain. Journal of Neurology and Neuroscience, 2017, 08, .	0.4	16
35	Escherichia coli and Klebsiella pneumoniae Sensitivity/Resistance Pattern Towards Antimicrobial Agents in Primary and Simple Urinary Tract Infection Patients Visiting University Hospital of Jamia Hamdard New Delhi. Drug Research, 2018, 68, 415-420.	1.7	15
36	Neuroprotective role of alendronate against APP processing and neuroinflammation in mice fed a high fat diet. Brain Research Bulletin, 2020, 161, 197-212.	3.0	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- κ B pathway. <i>Inflammopharmacology</i> , 2018, 26, 147-156.	3.9	13
38	Hepatoprotective and antioxidant effects of fish oil on isoniazid-rifampin induced hepatotoxicity in rats. <i>PharmaNutrition</i> , 2017, 5, 29-33.	1.7	11
39	Gastroprotective Effect of Thymoquinone on Water Immersion Restraint Stress Induced Ulceration in Rats. <i>Drug Research</i> , 2017, 67, 366-372.	1.7	11
40	Nanothyermoquinone, a novel hepatotargeted delivery system for treating CCl ₄ mediated hepatotoxicity in rats. <i>Journal of Materials Chemistry B</i> , 2013, 1, 2956.	5.8	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.	1.1	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.	4.5	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.	3.5	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.	2.7	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.	3.4	8
46	Roflumilast Reduces Pathological Symptoms of Sporadic Alzheimer's Disease in Rats Produced by Intracerebroventricular Streptozotocin by Inhibiting NF- κ B/BACE-1 Mediated A β Production in the Hippocampus and Activating the cAMP/BDNF Signalling Pathway. <i>Neurotoxicity Research</i> , 2022, 40, 432-448.	2.7	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.	2.7	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.	2.2	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.	2.8	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.	1.4	4
51	Targeting hypercoagulation to alleviate Alzheimer's disease progression in metabolic syndrome. <i>International Journal of Obesity</i> , 2022, 46, 245-254.	3.4	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.	3.3	3
53	Quality by Design Approach to Formulate Empagliflozin-Loaded Chitosan Nanoparticles: In Vitro, In Vivo and Pharmacokinetic Evaluation of Anti-Diabetic Drugs. <i>Nano</i> , 2021, 16, .	1.0	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.	2.7	0