

Shreesh K Ojha

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1341685/publications.pdf>

Version: 2024-02-01

185
papers

6,345
citations

76326

40
h-index

95266

68
g-index

192
all docs

192
docs citations

192
times ranked

8623
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacological Properties and Molecular Mechanisms of Thymol: Prospects for Its Therapeutic Potential and Pharmaceutical Development. <i>Frontiers in Pharmacology</i> , 2017, 8, 380.	3.5	285
2	Challenges and issues with streptozotocin-induced diabetes – A clinically relevant animal model to understand the diabetes pathogenesis and evaluate therapeutics. <i>Chemico-Biological Interactions</i> , 2016, 244, 49-63.	4.0	237
3	Î²-Caryophyllene, a CB2 receptor agonist produces multiple behavioral changes relevant to anxiety and depression in mice. <i>Physiology and Behavior</i> , 2014, 135, 119-124.	2.1	218
4	Animal Models of Inflammation for Screening of Anti-inflammatory Drugs: Implications for the Discovery and Development of Phytopharmaceuticals. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4367.	4.1	183
5	Therapeutic Potential and Pharmaceutical Development of Thymoquinone: A Multitargeted Molecule of Natural Origin. <i>Frontiers in Pharmacology</i> , 2017, 8, 656.	3.5	166
6	Up-regulation of PPARÎ³, heat shock protein-27 and -72 by naringin attenuates insulin resistance, Î²-cell dysfunction, hepatic steatosis and kidney damage in a rat model of type 2 diabetes. <i>British Journal of Nutrition</i> , 2011, 106, 1713-1723.	2.3	153
7	Polypharmacological Properties and Therapeutic Potential of Î²-Caryophyllene: A Dietary Phytocannabinoid of Pharmaceutical Promise. <i>Current Pharmaceutical Design</i> , 2016, 22, 3237-3264.	1.9	146
8	Cannabinoid Type 2 (CB2) Receptors Activation Protects against Oxidative Stress and Neuroinflammation Associated Dopaminergic Neurodegeneration in Rotenone Model of Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2016, 10, 321.	2.8	138
9	Current Enlightenment About Etiology and Pharmacological Treatment of Autism Spectrum Disorder. <i>Frontiers in Neuroscience</i> , 2018, 12, 304.	2.8	134
10	Pharmacological Properties, Molecular Mechanisms, and Pharmaceutical Development of Asiatic Acid: A Pentacyclic Triterpenoid of Therapeutic Promise. <i>Frontiers in Pharmacology</i> , 2018, 9, 892.	3.5	116
11	Lipocalin-2: Structure, function, distribution and role in metabolic disorders. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 112002.	5.6	116
12	Î²-Caryophyllene, a phytocannabinoid attenuates oxidative stress, neuroinflammation, glial activation, and salvages dopaminergic neurons in a rat model of Parkinson disease. <i>Molecular and Cellular Biochemistry</i> , 2016, 418, 59-70.	3.1	115
13	The cannabinoid receptor 2 agonist, Î²-caryophyllene, reduced voluntary alcohol intake and attenuated ethanol-induced place preference and sensitivity in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 124, 260-268.	2.9	101
14	Neuroprotective effect of nerolidol against neuroinflammation and oxidative stress induced by rotenone. <i>BMC Neuroscience</i> , 2016, 17, 58.	1.9	96
15	Hesperidin Produces Cardioprotective Activity via PPARÎ³ Pathway in Ischemic Heart Disease Model in Diabetic Rats. <i>PLoS ONE</i> , 2014, 9, e111212.	2.5	90
16	Evidence of Coronavirus (CoV) Pathogenesis and Emerging Pathogen SARS-CoV-2 in the Nervous System: A Review on Neurological Impairments and Manifestations. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 2192-2209.	2.3	89
17	Cardiovascular friendly natural products: a promising approach in the management of CVD. <i>Natural Product Research</i> , 2010, 24, 873-898.	1.8	87
18	Protective Effects of Cardamom in Isoproterenol-Induced Myocardial Infarction in Rats. <i>International Journal of Molecular Sciences</i> , 2015, 16, 27457-27469.	4.1	86

#	ARTICLE	IF	CITATIONS
19	Plant Extracts and Phytochemicals Targeting α -Synuclein Aggregation in Parkinson's Disease Models. <i>Frontiers in Pharmacology</i> , 2018, 9, 1555.	3.5	86
20	Kaempferol Attenuates Myocardial Ischemic Injury via Inhibition of MAPK Signaling Pathway in Experimental Model of Myocardial Ischemia-Reperfusion Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-10.	4.0	83
21	<i>Moringa oleifera</i> Leaf Extract Prevents Isoproterenol-Induced Myocardial Damage in Rats: Evidence for an Antioxidant, Antiperoxidative, and Cardioprotective Intervention. <i>Journal of Medicinal Food</i> , 2009, 12, 47-55.	1.5	81
22	Neuroprotective potential of ferulic acid in the rotenone model of Parkinson's disease. <i>Drug Design, Development and Therapy</i> , 2015, 9, 5499.	4.3	81
23	Therapeutic Potential of Plants and Plant Derived Phytochemicals against Acetaminophen-Induced Liver Injury. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3776.	4.1	75
24	Pharmacological Properties and Therapeutic Potential of Naringenin: A Citrus Flavonoid of Pharmaceutical Promise. <i>Current Pharmaceutical Design</i> , 2016, 22, 4341-4359.	1.9	73
25	Molecular Pathways Involved in the Amelioration of Myocardial Injury in Diabetic Rats by Kaempferol. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1001.	4.1	72
26	Protective effect of mangiferin on myocardial ischemia-reperfusion injury in streptozotocin-induced diabetic rats: role of AGE-RAGE/MAPK pathways. <i>Scientific Reports</i> , 2017, 7, 42027.	3.3	71
27	Glycyrrhizic acid Attenuates Neuroinflammation and Oxidative Stress in Rotenone Model of Parkinson's Disease. <i>Neurotoxicity Research</i> , 2016, 29, 275-287.	2.7	64
28	Cardioprotective Potentials of Plant-Derived Small Molecules against Doxorubicin Associated Cardiotoxicity. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-19.	4.0	58
29	The histamine H3R antagonist DL77 attenuates autistic behaviors in a prenatal valproic acid-induced mouse model of autism. <i>Scientific Reports</i> , 2018, 8, 13077.	3.3	58
30	β -caryophyllene, a dietary phytocannabinoid attenuates oxidative stress, inflammation, apoptosis and prevents structural alterations of the myocardium against doxorubicin-induced acute cardiotoxicity in rats: An in vitro and in vivo study. <i>European Journal of Pharmacology</i> , 2019, 858, 172467.	3.5	52
31	Pentacyclic Triterpenoids Inhibit IKK β Mediated Activation of NF- κ B Pathway: In Silico and In Vitro Evidences. <i>PLoS ONE</i> , 2015, 10, e0125709.	2.5	50
32	The Protective Effect of Apigenin on Myocardial Injury in Diabetic Rats mediating Activation of the PPAR- γ Pathway. <i>International Journal of Molecular Sciences</i> , 2017, 18, 756.	4.1	50
33	β -Caryophyllene, a natural bicyclic sesquiterpene attenuates doxorubicin-induced chronic cardiotoxicity via activation of myocardial cannabinoid type-2 (CB2) receptors in rats. <i>Chemico-Biological Interactions</i> , 2019, 304, 158-167.	4.0	50
34	Neuroprotective Potential of Limonene and Limonene Containing Natural Products. <i>Molecules</i> , 2021, 26, 4535.	3.8	50
35	Antioxidants of <i>Phyllanthus emblica</i> L. Bark Extract Provide Hepatoprotection against Ethanol-Induced Hepatic Damage: A Comparison with Silymarin. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-10.	4.0	49
36	Plant-Derived Agents for Counteracting Cisplatin-Induced Nephrotoxicity. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-27.	4.0	46

#	ARTICLE	IF	CITATIONS
37	Neuroprotective Effects of Thymol, a Dietary Monoterpene Against Dopaminergic Neurodegeneration in Rotenone-Induced Rat Model of Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1538.	4.1	46
38	Thymoquinone Protects against Myocardial Ischemic Injury by Mitigating Oxidative Stress and Inflammation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-12.	1.2	44
39	The dual-active histamine H3 receptor antagonist and acetylcholine esterase inhibitor E100 ameliorates stereotyped repetitive behavior and neuroinflammation in sodium valproate induced autism in mice. <i>Chemico-Biological Interactions</i> , 2019, 312, 108775.	4.0	44
40	Nanomedicine-based cancer immunotherapy: recent trends and future perspectives. <i>Cancer Gene Therapy</i> , 2021, 28, 911-923.	4.6	44
41	Mechanistic role of HPV-associated early proteins in cervical cancer: Molecular pathways and targeted therapeutic strategies. <i>Critical Reviews in Oncology/Hematology</i> , 2022, 174, 103675.	4.4	44
42	In vivo and in vitro protective effects of omeprazole against neuropathic pain. <i>Scientific Reports</i> , 2016, 6, 30007.	3.3	43
43	Mangiferin protect myocardial insults through modulation of MAPK/TGF- β 2 pathways. <i>European Journal of Pharmacology</i> , 2016, 776, 34-43.	3.5	43
44	Genipin attenuates cisplatin-induced nephrotoxicity by counteracting oxidative stress, inflammation, and apoptosis. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 1083-1097.	5.6	43
45	Autophagy and EMT in cancer and metastasis: Who controls whom?. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166431.	3.8	43
46	Protective Effect of Thymoquinone against Cyclophosphamide-Induced Hemorrhagic Cystitis through Inhibiting DNA Damage and Upregulation of Nrf2 Expression. <i>International Journal of Biological Sciences</i> , 2016, 12, 944-953.	6.4	41
47	Neuroprotective Effect of Curcumin on the Nigrostriatal Pathway in a 6-Hydroxydopamine-Induced Rat Model of Parkinson's Disease is Mediated by α 7-Nicotinic Receptors. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7329.	4.1	41
48	Carvacrol, a Plant Metabolite Targeting Viral Protease (Mpro) and ACE2 in Host Cells Can Be a Possible Candidate for COVID-19. <i>Frontiers in Plant Science</i> , 2020, 11, 601335.	3.6	40
49	Chronic Administration of Tribulus terrestris Linn. Extract Improves Cardiac Function and Attenuates Myocardial Infarction in Rats. <i>International Journal of Pharmacology</i> , 2007, 4, 1-10.	0.3	40
50	Valeric Acid Protects Dopaminergic Neurons by Suppressing Oxidative Stress, Neuroinflammation and Modulating Autophagy Pathways. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7670.	4.1	39
51	Methotrexate-Loaded Nanostructured Lipid Carrier Gel Alleviates Imiquimod-Induced Psoriasis by Moderating Inflammation: Formulation, Optimization, Characterization, In-Vitro and In-Vivo Studies. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4763-4778.	6.7	38
52	D-pinitol attenuates cisplatin-induced nephrotoxicity in rats: Impact on pro-inflammatory cytokines. <i>Chemico-Biological Interactions</i> , 2018, 290, 6-11.	4.0	37
53	α -Bisabolol protects against β -adrenergic agonist-induced myocardial infarction in rats by attenuating inflammation, lysosomal dysfunction, NLRP3 inflammasome activation and modulating autophagic flux. <i>Food and Function</i> , 2020, 11, 965-976.	4.6	37
54	α -Bisabolol, a Dietary Bioactive Phytochemical Attenuates Dopaminergic Neurodegeneration through Modulation of Oxidative Stress, Neuroinflammation and Apoptosis in Rotenone-Induced Rat Model of Parkinson's Disease. <i>Biomolecules</i> , 2020, 10, 1421.	4.0	37

#	ARTICLE	IF	CITATIONS
55	CRISPR/Cas9 gene editing: New hope for Alzheimer's disease therapeutics. <i>Journal of Advanced Research</i> , 2022, 40, 207-221.	9.5	37
56	Anti-Inflammatory Effect of <i>Emblca officinalis</i> in Rodent Models of Acute and Chronic Inflammation: Involvement of Possible Mechanisms. <i>International Journal of Inflammation</i> , 2014, 2014, 1-6.	1.5	36
57	Nootkatone attenuates myocardial oxidative damage, inflammation, and apoptosis in isoproterenol-induced myocardial infarction in rats. <i>Phytomedicine</i> , 2021, 84, 153405.	5.3	36
58	Nerolidol Attenuates Oxidative Stress, Inflammation, and Apoptosis by Modulating Nrf2/MAPK Signaling Pathways in Doxorubicin-Induced Acute Cardiotoxicity in Rats. <i>Antioxidants</i> , 2021, 10, 984.	5.1	35
59	A focused review on CB2 receptor-selective pharmacological properties and therapeutic potential of Δ^2 -caryophyllene, a dietary cannabinoid. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111639.	5.6	35
60	Therapeutic Potential of Δ^2 -Caryophyllene: A Dietary Cannabinoid in Diabetes and Associated Complications. <i>Nutrients</i> , 2020, 12, 2963.	4.1	34
61	Chemical constituents and medicinal properties of <i>Allium</i> species. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 4301-4321.	3.1	34
62	Protective effect of <i>Emblca officinalis</i> (amla) on isoproterenol-induced cardiotoxicity in rats. <i>Toxicology and Industrial Health</i> , 2012, 28, 399-411.	1.4	33
63	<i>Glycyrrhiza glabra</i> protects from myocardial ischemia-reperfusion injury by improving hemodynamic, biochemical, histopathological and ventricular function. <i>Experimental and Toxicologic Pathology</i> , 2013, 65, 219-227.	2.1	33
64	Febuxostat Modulates MAPK/NF- κ B/p65/TNF- α Signaling in Cardiac Ischemia-Reperfusion Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	4.0	33
65	Extracellular Vesicle-Based Therapy for COVID-19: Promises, Challenges and Future Prospects. <i>Biomedicines</i> , 2021, 9, 1373.	3.2	33
66	<i>Withania coagulans</i> Fruit Extract Reduces Oxidative Stress and Inflammation in Kidneys of Streptozotocin-Induced Diabetic Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-9.	4.0	32
67	<i>Lycopodium</i> Attenuates Loss of Dopaminergic Neurons by Suppressing Oxidative Stress and Neuroinflammation in a Rat Model of Parkinson's Disease. <i>Molecules</i> , 2019, 24, 2182.	3.8	31
68	Therapeutic Targeting of NLRP3 Inflammasomes by Natural Products and Pharmaceuticals: A Novel Mechanistic Approach for Inflammatory Diseases. <i>Current Medicinal Chemistry</i> , 2017, 24, 1645-1670.	2.4	30
69	Disulfiram and Its Copper Chelate Attenuate Cisplatin-Induced Acute Nephrotoxicity in Rats Via Reduction of Oxidative Stress and Inflammation. <i>Biological Trace Element Research</i> , 2020, 193, 174-184.	3.5	30
70	Δ^2 -Caryophyllene, A Natural Dietary CB2 Receptor Selective Cannabinoid can be a Candidate to Target the Trinity of Infection, Immunity, and Inflammation in COVID-19. <i>Frontiers in Pharmacology</i> , 2021, 12, 590201.	3.5	30
71	Experimental Models for the Discovery of Novel Anticonvulsant Drugs: Focus on Pentylentetrazole-Induced Seizures and Associated Memory Deficits. <i>Current Pharmaceutical Design</i> , 2020, 26, 1693-1711.	1.9	30
72	Health Benefits, Pharmacological Effects, Molecular Mechanisms, and Therapeutic Potential of Δ^2 -Bisabolol. <i>Nutrients</i> , 2022, 14, 1370.	4.1	30

#	ARTICLE	IF	CITATIONS
73	Therapeutic Potential and Molecular Mechanisms of <i>Emblica officinalis</i> Gaertn in Countering Nephrotoxicity in Rats Induced by the Chemotherapeutic Agent Cisplatin. <i>Frontiers in Pharmacology</i> , 2016, 7, 350.	3.5	29
74	Effect of camel milk protein hydrolysates against hyperglycemia, hyperlipidemia, and associated oxidative stress in streptozotocin (STZ)-induced diabetic rats. <i>Journal of Dairy Science</i> , 2021, 104, 1304-1317.	3.4	29
75	Small Molecules from Nature Targeting G-Protein Coupled Cannabinoid Receptors: Potential Leads for Drug Discovery and Development. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-26.	1.2	28
76	Î±-Bisabolol abrogates isoproterenol-induced myocardial infarction by inhibiting mitochondrial dysfunction and intrinsic pathway of apoptosis in rats. <i>Molecular and Cellular Biochemistry</i> , 2019, 453, 89-102.	3.1	28
77	Cardioprotective effect of lycopene against isoproterenol-induced myocardial infarction in rats. <i>Human and Experimental Toxicology</i> , 2013, 32, 492-503.	2.2	27
78	The Histamine H3 Receptor Antagonist DL77 Ameliorates MK801-Induced Memory Deficits in Rats. <i>Frontiers in Neuroscience</i> , 2018, 12, 42.	2.8	25
79	Aloin alleviates doxorubicin-induced cardiotoxicity in rats by abrogating oxidative stress and pro-inflammatory cytokines. <i>Cancer Chemotherapy and Pharmacology</i> , 2020, 86, 419-426.	2.3	25
80	The Dual-Active Histamine H3 Receptor Antagonist and Acetylcholine Esterase Inhibitor E100 Alleviates Autistic-Like Behaviors and Oxidative Stress in Valproic Acid Induced Autism in Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3996.	4.1	25
81	Can limonene be a possible candidate for evaluation as an agent or adjuvant against infection, immunity, and inflammation in COVID-19?. <i>Heliyon</i> , 2021, 7, e05703.	3.2	25
82	Can Echinacea be a potential candidate to target immunity, inflammation, and infection - The trinity of coronavirus disease 2019. <i>Heliyon</i> , 2021, 7, e05990.	3.2	25
83	Re-establishing the comprehension of phytomedicine and nanomedicine in inflammation-mediated cancer signaling. <i>Seminars in Cancer Biology</i> , 2022, 86, 1086-1104.	9.6	25
84	Cardioprotective effects of <i>Commiphora mukul</i> against isoprenaline-induced cardiotoxicity: a biochemical and histopathological evaluation. <i>Journal of Environmental Biology</i> , 2011, 32, 731-8.	0.5	24
85	Protective effects of Î±-bisabolol on altered hemodynamics, lipid peroxidation, and nonenzymatic antioxidants in isoproterenol-induced myocardial infarction: In vivo and in vitro evidences. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22200.	3.0	23
86	Insight into the mechanism of polyphenols on the activity of HMGR by molecular docking. <i>Drug Design, Development and Therapy</i> , 2015, 9, 4943.	4.3	22
87	A Chemosensitizer Drug: Disulfiram Prevents Doxorubicin-Induced Cardiac Dysfunction and Oxidative Stress in Rats. <i>Cardiovascular Toxicology</i> , 2018, 18, 459-470.	2.7	22
88	Antagonism of Histamine H3 receptors Alleviates Pentylentetrazole-Induced Kindling and Associated Memory Deficits by Mitigating Oxidative Stress, Central Neurotransmitters, and c-Fos Protein Expression in Rats. <i>Molecules</i> , 2020, 25, 1575.	3.8	21
89	<sc>CB2</sc> receptor- selective agonists as candidates for targeting infection, inflammation, and immunity in <sc>SARS-CoV-2</sc> infections. <i>Drug Development Research</i> , 2021, 82, 7-11.	2.9	21
90	Recent Advances in Cardiac Tissue Engineering for the Management of Myocardium Infarction. <i>Cells</i> , 2021, 10, 2538.	4.1	19

#	ARTICLE	IF	CITATIONS
91	Alzheimer's disease-like perturbations in HIV-mediated neuronal dysfunctions: understanding mechanisms and developing therapeutic strategies. <i>Open Biology</i> , 2020, 10, 200286.	3.6	19
92	An Overview on the Role of $\hat{1}\pm$ -Synuclein in Experimental Models of Parkinson's Disease from Pathogenesis to Therapeutics. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016, 15, 1240-1252.	1.4	19
93	Effect of <i>Piper betle</i> on cardiac function, marker enzymes, and oxidative stress in isoproterenol-induced cardiotoxicity in rats. <i>Toxicology Mechanisms and Methods</i> , 2010, 20, 564-571.	2.7	18
94	Seabuckthorn Attenuates Cardiac Dysfunction and Oxidative Stress in Isoproterenol-Induced Cardiotoxicity in Rats. <i>International Journal of Toxicology</i> , 2011, 30, 671-680.	1.2	18
95	Past and current perspective on new therapeutic targets for Type-II diabetes. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 1567-1583.	4.3	18
96	$\hat{1}^2$ -Caryophyllene, a natural bicyclic sesquiterpene attenuates $\hat{1}^2$ -adrenergic agonist-induced myocardial injury in a cannabinoid receptor-2 dependent and independent manner. <i>Free Radical Biology and Medicine</i> , 2021, 167, 348-366.	2.9	18
97	Phytochemical drug candidates for the modulation of peroxisome proliferator-activated receptor $\hat{1}^3$ in inflammatory bowel diseases. <i>Phytotherapy Research</i> , 2020, 34, 1530-1549.	5.8	18
98	In silico Evidence for Binding of Pentacyclic Triterpenoids to Keap1-Nrf2 Protein-Protein Binding Site. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2017, 20, 215-234.	1.1	18
99	Pyruvate attenuates cardiac dysfunction and oxidative stress in isoproterenol-induced cardiotoxicity. <i>Experimental and Toxicologic Pathology</i> , 2012, 64, 393-399.	2.1	17
100	Nootkatone, a Dietary Fragrant Bioactive Compound, Attenuates Dyslipidemia and Intramyocardial Lipid Accumulation and Favorably Alters Lipid Metabolism in a Rat Model of Myocardial Injury: An In Vivo and In Vitro Study. <i>Molecules</i> , 2020, 25, 5656.	3.8	17
101	Nerolidol, a sesquiterpene, attenuates oxidative stress and inflammation in acetic acid-induced colitis in rats. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 3497-3512.	3.1	17
102	Pharmacological Properties, Therapeutic Potential and Molecular Mechanisms of JWH133, a CB2 Receptor-Selective Agonist. <i>Frontiers in Pharmacology</i> , 2021, 12, 702675.	3.5	17
103	Eplerenone attenuates cardiac dysfunction and oxidative stress in $\hat{1}^2$ -receptor stimulated myocardial infarcted rats. <i>American Journal of Translational Research (discontinued)</i> , 2015, 7, 1602-11.	0.0	17
104	Seabuckthorn Pulp Oil Protects against Myocardial Ischemia-Induced Reperfusion Injury in Rats through Activation of Akt/eNOS. <i>Frontiers in Pharmacology</i> , 2016, 7, 155.	3.5	16
105	Amelioration of Abnormalities Associated with the Metabolic Syndrome by <i>Spinacia oleracea</i> (Spinach) Consumption and Aerobic Exercise in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 1-15.	4.0	16
106	Protective effect of omeprazole and lansoprazole on $\hat{1}^2$ -receptor stimulated myocardial infarction in Wistar rats. <i>Molecular and Cellular Biochemistry</i> , 2019, 456, 105-113.	3.1	16
107	Thymoquinone, a Dietary Bioactive Compound, Exerts Anti-Inflammatory Effects in Colitis by Stimulating Expression of the Colonic Epithelial PPAR- $\hat{1}^3$ Transcription Factor. <i>Nutrients</i> , 2021, 13, 1343.	4.1	16
108	Phytocannabinoids for Cancer Therapeutics: Recent Updates and Future Prospects. <i>Current Medicinal Chemistry</i> , 2015, 22, 3472-3501.	2.4	16

#	ARTICLE	IF	CITATIONS
109	Current Understanding of Novel Coronavirus: Molecular Pathogenesis, Diagnosis, and Treatment Approaches. <i>Immuno</i> , 2021, 1, 30-66.	1.5	15
110	Rutin Mediated Apoptotic Cell Death in Caski Cervical Cancer Cells via Notch-1 and Hes-1 Downregulation. <i>Life</i> , 2021, 11, 761.	2.4	15
111	Cardioprotective Effect of <i>Bacopa monneira</i> Against Isoproterenol-Induced Myocardial Necrosis in Rats. <i>International Journal of Pharmacology</i> , 2007, 3, 385-392.	0.3	15
112	Effect of <i>Inula racemosa</i> root extract on cardiac function and oxidative stress against isoproterenol-induced myocardial infarction. <i>Indian Journal of Biochemistry and Biophysics</i> , 2011, 48, 22-8.	0.0	15
113	Molecular Insights into Therapeutic Potentials of Hybrid Compounds Targeting Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2022, 59, 3512-3528.	4.0	15
114	Nerolidol, a Sesquiterpene from the Essential Oils of Aromatic Plants, Attenuates Doxorubicin-Induced Chronic Cardiotoxicity in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 7334-7343.	5.2	14
115	Serratiopeptidase, A Serine Protease Anti-Inflammatory, Fibrinolytic, and Mucolytic Drug, Can Be a Useful Adjuvant for Management in COVID-19. <i>Frontiers in Pharmacology</i> , 2021, 12, 603997.	3.5	14
116	Menthol inhibits oxidative stress and inflammation in acetic acid-induced colitis in rat colonic mucosa. <i>American Journal of Translational Research (discontinued)</i> , 2018, 10, 4210-4222.	0.0	14
117	Efficacy of N-Acetylcysteine, Glutathione, and Ascorbic Acid in Acute Toxicity of Paraoxon to Wistar Rats: Survival Study. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-6.	4.0	13
118	Licorice treatment prevents oxidative stress, restores cardiac function, and salvages myocardium in rat model of myocardial injury. <i>Toxicology and Industrial Health</i> , 2015, 31, 140-152.	1.4	13
119	Nerolidol Mitigates Colonic Inflammation: An Experimental Study Using both In Vivo and In Vitro Models. <i>Nutrients</i> , 2020, 12, 2032.	4.1	13
120	Plant-derived natural therapeutics targeting cannabinoid receptors in metabolic syndrome and its complications: A review. <i>Biomedicine and Pharmacotherapy</i> , 2020, 132, 110889.	5.6	13
121	Phytomedicines Targeting Cancer Stem Cells: Therapeutic Opportunities and Prospects for Pharmaceutical Development. <i>Pharmaceuticals</i> , 2021, 14, 676.	3.8	13
122	Phytochemicals as Prototypes for Pharmaceutical Leads Towards Drug Development Against Diabetic Cardiomyopathy. <i>Current Pharmaceutical Design</i> , 2016, 22, 3058-3070.	1.9	13
123	Protective effect of against dextran sulfate sodium induced ulcerative colitis in C57BL/6 mice. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 1792-1800.	0.0	13
124	Ethanol intake and ethanol-conditioned place preference are reduced in mice treated with the bioflavonoid agent naringin. <i>Alcohol</i> , 2014, 48, 677-685.	1.7	12
125	The Neuroprotective Effects of Histamine H3 Receptor Antagonist E177 on Pilocarpine-Induced Status Epilepticus in Rats. <i>Molecules</i> , 2019, 24, 4106.	3.8	12
126	Aloin protects against arsenic trioxide-induced myocardial membrane damage and release of inflammatory cytokines. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 1365-1372.	3.0	12

#	ARTICLE	IF	CITATIONS
127	The <sc>FBXW7</sc> NOTCH interactome: A ubiquitin proteasomal system-induced crosstalk modulating oncogenic transformation in human tissues. <i>Cancer Reports</i> , 2021, 4, e1369.	1.4	12
128	Protective effect of oleanolic acid on oxidative injury and cellular abnormalities in doxorubicin induced cardiac toxicity in rats. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 60-9.	0.0	12
129	Molecular mechanisms of developmental pathways in neurological disorders: a pharmacological and therapeutic review. <i>Open Biology</i> , 2022, 12, 210289.	3.6	12
130	Impact of metabolic syndrome on re-stenosis development: Role of drug-eluting stents. <i>Diabetes and Vascular Disease Research</i> , 2012, 9, 177-188.	2.0	11
131	Curcumin Protects Diabetic Mice against Isoproterenol-Induced Myocardial Infarction by Modulating CB2 Cannabinoid Receptors. <i>Life</i> , 2022, 12, 624.	2.4	11
132	Immunotherapy for Alzheimer's Disease: Current Scenario and Future Perspectives. <i>Journal of prevention of Alzheimer's disease, The</i> , 2021, 8, 1-18.	2.7	10
133	Advances in pulmonary drug delivery targeting microbial biofilms in respiratory diseases. <i>Nanomedicine</i> , 2021, 16, 1905-1923.	3.3	10
134	Sub-Chronic Exposure of Non-Observable Adverse Effect Dose of Terbufos Sulfone: Neuroinflammation in Diabetic and Non-Diabetic Rats. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 1397-1405.	1.4	10
135	<i>In vitro</i> and <i>in vivo</i> characterization of Entacapone-loaded nanostructured lipid carriers developed by quality-by-design approach. <i>Drug Delivery</i> , 2022, 29, 1112-1121.	5.7	10
136	Effect of Isoproterenol on Tissue Defense Enzymes, Hemodynamic and Left Ventricular Contractile Function in Rats. <i>Indian Journal of Clinical Biochemistry</i> , 2010, 25, 357-361.	1.9	9
137	A modern era of personalized medicine in the diagnosis, prognosis, and treatment of prostate cancer. <i>Computers in Biology and Medicine</i> , 2020, 126, 104020.	7.0	9
138	Bracing NK cell based therapy to relegate pulmonary inflammation in COVID-19. <i>Heliyon</i> , 2021, 7, e07635.	3.2	9
139	Noscapine Prevents Rotenone-Induced Neurotoxicity: Involvement of Oxidative Stress, Neuroinflammation and Autophagy Pathways. <i>Molecules</i> , 2021, 26, 4627.	3.8	9
140	Effect of Commiphora mukul extract on cardiac dysfunction and ventricular function in isoproterenol-induced myocardial infarction. <i>Indian Journal of Experimental Biology</i> , 2008, 46, 646-52.	0.0	9
141	Repurposing Dimethyl Fumarate for Cardiovascular Diseases: Pharmacological Effects, Molecular Mechanisms, and Therapeutic Promise. <i>Pharmaceuticals</i> , 2022, 15, 497.	3.8	9
142	Chemomodulatory Potential of Bartogenic Acid Against DMBA/Croton Oil Induced Two-Step Skin Carcinogenesis in Mice. <i>Journal of Cancer</i> , 2016, 7, 2139-2147.	2.5	8
143	Mitochondrial defects: An emerging theranostic avenue towards Alzheimer's associated dysregulations. <i>Life Sciences</i> , 2021, 285, 119985.	4.3	8
144	Andrographis paniculata extract protect against isoproterenol-induced myocardial injury by mitigating cardiac dysfunction and oxidative injury in rats. <i>Acta Poloniae Pharmaceutica</i> , 2012, 69, 269-78.	0.1	8

#	ARTICLE	IF	CITATIONS
145	Comprehensive evaluation of formulation factors for ocular penetration of fluoroquinolones in rabbits using cassette dosing technique. <i>Drug Design, Development and Therapy</i> , 2016, 10, 811.	4.3	7
146	Eplerenone pretreatment protects the myocardium against ischaemia/reperfusion injury through the phosphatidylinositol 3-kinase/Akt-dependent pathway in diabetic rats. <i>Molecular and Cellular Biochemistry</i> , 2018, 446, 91-103.	3.1	7
147	Pharmacognostical Sources of Popular Medicine To Treat Alzheimer's Disease. <i>Open Medicinal Chemistry Journal</i> , 2018, 12, 23-35.	2.4	7
148	Ezetimibe-Loaded Nanostructured Lipid Carrier Based Formulation Ameliorates Hyperlipidaemia in an Experimental Model of High Fat Diet. <i>Molecules</i> , 2021, 26, 1485.	3.8	7
149	Microfluidic Platforms to Unravel Mysteries of Alzheimer's Disease: How Far Have We Come?. <i>Life</i> , 2021, 11, 1022.	2.4	7
150	Cardioprotection by Inula racemosa Hook in experimental model of myocardial ischemic reperfusion injury. <i>Indian Journal of Experimental Biology</i> , 2010, 48, 918-24.	0.0	7
151	Î±-Bisabolol Mitigates Colon Inflammation by Stimulating Colon PPAR-Î³ Transcription Factor: In Vivo and In Vitro Study. <i>PPAR Research</i> , 2022, 2022, 1-22.	2.4	7
152	Lycopodium Mitigates Oxidative Stress and Inflammation in the Colonic Mucosa of Acetic Acid-Induced Colitis in Rats. <i>Molecules</i> , 2022, 27, 2774.	3.8	7
153	Terbufos-sulfone exacerbates cardiac lesions in diabetic rats: a sub-acute toxicity study. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2016, 67, 126-135.	0.7	6
154	Eplerenone attenuates myocardial infarction in diabetic rats via modulation of the PI3K-Akt pathway and phosphorylation of GSK-3Î². <i>American Journal of Translational Research (discontinued)</i> , 2018, 10, 2810-2821.	0.0	6
155	Aloin attenuates chronic constriction injury-induced neuropathic pain in rats by inhibiting inflammatory cytokines and oxidative stress. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2021, 11, 205.	1.2	4
156	Obesity: Molecular Mechanisms, Epidemiology, Complications and Pharmacotherapy. , 2021, , 249-266.		4
157	An Update on Advancements and Challenges in Inhalational Drug Delivery for Pulmonary Arterial Hypertension. <i>Molecules</i> , 2022, 27, 3490.	3.8	4
158	Oxime-type acetylcholinesterase reactivators in pregnancy: an overview. <i>Archives of Toxicology</i> , 2013, 88, 575-84.	4.2	3
159	Therapeutic Potential of Baicalein in Parkinson's Disease: Focus on Inhibition of Î±-Synuclein Oligomerization and Aggregation. , 2020, , .		3
160	Pharmacological potential of JWH133, a cannabinoid type 2 receptor agonist in neurodegenerative, neurodevelopmental and neuropsychiatric diseases. <i>European Journal of Pharmacology</i> , 2021, 909, 174398.	3.5	3
161	Does Î²-caryophyllene protect against renal dysfunction following ischemia-reperfusion injury in the rat?. <i>International Journal of Physiology, Pathophysiology and Pharmacology</i> , 2018, 10, 163-171.	0.8	3
162	Phloretin-induced suppression of oxidative and nitrosative stress attenuates doxorubicin-induced cardiotoxicity in rats. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2022, 12, 124.	1.2	3

#	ARTICLE	IF	CITATIONS
163	Diabetes Mellitus Alters the Immuno-Expression of Neuronal Nitric Oxide Synthase in the Rat Pancreas. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4974.	4.1	3
164	Thymoquinone Produces Cardioprotective Effect in β_2 -Receptor Stimulated Myocardial Infarcted Rats via Subsiding Oxidative Stress and Inflammation. <i>Nutrients</i> , 2022, 14, 2742.	4.1	3
165	Gelatin Binding Proteins in Reproductive Physiology. <i>Indian Journal of Microbiology</i> , 2016, 56, 383-393.	2.7	2
166	Naringenin: A Promising Flavonoid for Herbal Treatment of Rheumatoid Arthritis and Associated Inflammatory Disorders. , 2019, , 343-354.		2
167	Serum biochemical parameters as a surrogate marker for chest computed tomography in children with COVID-19. <i>Future Virology</i> , 2021, 16, 601-609.	1.8	2
168	Energy intake correlates with the levels of fatty acid synthase and insulin-like growth factor-1 in male and female C57BL/6 mice. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 830-844.	0.0	2
169	Biological databases and tools for neurological disorders. <i>Journal of Integrative Neuroscience</i> , 2022, 21, 041.	1.7	2
170	HPLC determination of K027 in the body of pregnant mice. <i>Acta Chromatographica</i> , 2017, 29, 85-93.	1.3	1
171	Therapeutic Potential of Thymoquinone in Treatment of Rheumatoid Arthritis and Related Autoimmune Diseases. , 2019, , 575-587.		1
172	Preparation and characterization of an elastin nanogel with enhanced biocompatibility and improved entrapment efficiency in prostate cancer cells. <i>Materials Express</i> , 2021, 11, 16-27.	0.5	1
173	Cannabinoid Type-2 Receptor Agonist, JWH133 May Be a Possible Candidate for Targeting Infection, Inflammation, and Immunity in COVID-19. <i>Immuno</i> , 2021, 1, 285-304.	1.5	1
174	Effect of buspirone on blood sugar levels in humans. <i>Indian Journal of Pharmaceutical Sciences</i> , 2007, 69, 414.	1.0	1
175	Protective effects of thymol against neurodegeneration in rotenone induced rat model of Parkinson's disease. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO2-1-68.	0.0	1
176	Nerolidol a Natural Aliphatic Sesquiterpene Mitigates Inflammation in DSS-induced Colitis. <i>FASEB Journal</i> , 2018, 32, 871.6.	0.5	1
177	Protective effects of the antihistamine promethazine against acute paraxon-methyl and dicrotophos toxicity in adult rats. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 17891-901.	1.3	1
178	Cardioprotective Potential of Medicinal Plants in Attenuating Doxorubicin-Induced Cardiotoxicity. , 2017, , 149-191.		0
179	Terbufos sulfone aggravates kidney damage in STZ-induced diabetic rats. <i>Biologia (Poland)</i> , 2017, 72, 946-953.	1.5	0
180	Total Stromal Fraction (TSF) - Fortified Adipose tissue-derived Stem Cells Source: An Emerging Regenerative Realm Against COVID-19 Induced Pulmonary Compromise. <i>Coronaviruses</i> , 2021, 02, .	0.3	0

#	ARTICLE	IF	CITATIONS
181	Chest radiographic score and lactate dehydrogenase are independent risk factors linked to mortality in Middle East Respiratory Syndrome Coronavirus (MERS-CoV) patients. Egyptian Journal of Radiology and Nuclear Medicine, 2021, 52, .	0.6	0
182	The effect of sublethal short-duration exposure of paraoxon on pregnancy and fetuses in mice. Archives of Biological Sciences, 2015, 67, 861-867.	0.5	0
183	BLOOD-FETUS PENETRATION OF PRALIDOXIME. Military Medical Science Letters (Vojenske Zdravotnicke) Tj ETQq1_1_0.784314 rgBT / 0.5	0.5	0
184	Î±-Bisabolol, a bioactive dietary sesquiterpene alleviates colon inflammation by regulating PPAR α transcription factor. FASEB Journal, 2020, 34, 1-1.	0.5	0
185	Commentary. Journal of Neurosciences in Rural Practice, 2014, 5, S87-8.	0.8	0