

Thakur Gurjeet Singh

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

1,898
citations

270111

25
h-index

406436

35
g-index

96
all docs

96
docs citations

96
times ranked

1391
citing authors

#	ARTICLE	IF	CITATIONS
1	Vitamin D as therapeutic modulator in cerebrovascular diseases: a mechanistic perspectives. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 7772-7794.	5.4	12
2	Insights into the Mechanism of the Therapeutic Potential of Herbal Monoamine Oxidase Inhibitors in Neurological Diseases. <i>Current Drug Targets</i> , 2022, 23, 286-310.	1.0	6
3	Pharmacological modulation of cytokines correlating neuroinflammatory cascades in epileptogenesis. <i>Molecular Biology Reports</i> , 2022, 49, 1437-1452.	1.0	18
4	Neuropeptides: Potential neuroprotective agents in ischemic injury. <i>Life Sciences</i> , 2022, 288, 120186.	2.0	31
5	Animal models of diabetic microvascular complications: Relevance to clinical features. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112305.	2.5	17
6	Mechanistic Insight on Autophagy Modulated Molecular Pathways in Cerebral Ischemic Injury: From Preclinical to Clinical Perspective. <i>Neurochemical Research</i> , 2022, 47, 825-843.	1.6	18
7	Covid-19: pharmacotherapeutic insights on various curative approaches in terms of vulnerability, comorbidities, and vaccination. <i>Inflammopharmacology</i> , 2022, 30, 1-21.	1.9	1
8	Kynurenine Metabolism and Alzheimer's Disease: The Potential Targets and Approaches. <i>Neurochemical Research</i> , 2022, 47, 1459-1476.	1.6	13
9	Pharmacological evaluation of <i>Thuja occidentalis</i> for the attenuation of nephropathy in streptozotocin-induced diabetes rats. <i>Obesity Medicine</i> , 2022, 31, 100391.	0.5	4
10	Calpain Inhibitors as Potential Therapeutic Modulators in Neurodegenerative Diseases. <i>Neurochemical Research</i> , 2022, 47, 1125-1149.	1.6	22
11	Therapeutic implications of cyclooxygenase (COX) inhibitors in ischemic injury. <i>Inflammation Research</i> , 2022, 71, 277-292.	1.6	24
12	Pharmacological Postconditioning by Protocatechuic Acid Attenuates Brain Injury in Ischemia-Reperfusion (I/R) Mice Model: Implications of Nuclear Factor Erythroid-2-Related Factor Pathway. <i>Neuroscience</i> , 2022, 491, 23-31.	1.1	17
13	Therapeutic implications of sonic hedgehog pathway in metabolic disorders: Novel target for effective treatment. <i>Pharmacological Research</i> , 2022, 179, 106194.	3.1	14
14	Î±-Lipoic Acid, an Organosulfur Biomolecule a Novel Therapeutic Agent for Neurodegenerative Disorders: An Mechanistic Perspective. <i>Neurochemical Research</i> , 2022, 47, 1853-1864.	1.6	15
15	Pharmacological evaluation of <i>Thuja occidentalis</i> for the attenuation of neuropathy via AGEs and TNF-Î± inhibition in diabetic neuropathic rats. <i>Environmental Science and Pollution Research</i> , 2022, 29, 60542-60557.	2.7	5
16	Poly (ADP-ribose) polymerase: An Overview of Mechanistic Approaches and Therapeutic Opportunities in the Management of Stroke. <i>Neurochemical Research</i> , 2022, 47, 1830-1852.	1.6	10
17	Neuroprotective Effect of Piclamilast-Induced Post-Ischemia Pharmacological Treatment in Mice. <i>Neurochemical Research</i> , 2022, 47, 2230-2243.	1.6	4
18	Therapeutic implications of glucose transporters (GLUT) in cerebral ischemia. <i>Neurochemical Research</i> , 2022, 47, 2173-2186.	1.6	7

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19	Demethyleneberberine, a potential therapeutic agent in neurodegenerative disorders: a proposed mechanistic insight. <i>Molecular Biology Reports</i> , 2022, 49, 10101-10113.	1.0	5
20	Intervention of neuroinflammation in the traumatic brain injury trajectory: In vivo and clinical approaches. <i>International Immunopharmacology</i> , 2022, 108, 108902.	1.7	18
21	Cardioprotection by Citrus grandis (L.) Peel Ethanolic Extract in Alloxan-Induced Cardiotoxicity in Diabetic Rats. <i>BioMed Research International</i> , 2022, 2022, 1-9.	0.9	2
22	Caspase-mediated regulation of the distinct signaling pathways and mechanisms in neuronal survival. <i>International Immunopharmacology</i> , 2022, 110, 108951.	1.7	13
23	Therapeutic Insights on Ferroptosis in Parkinson's disease. <i>European Journal of Pharmacology</i> , 2022, 930, 175133.	1.7	28
24	An Insight into Molecular Mechanisms and Novel Therapeutic Approaches in Epileptogenesis. <i>CNS and Neurological Disorders - Drug Targets</i> , 2021, 19, 750-779.	0.8	12
25	Chemical Constituents and Biological Activities of Cordia Myxa L.: A Review. <i>Natural Products Journal</i> , 2021, 11, .	0.1	0
26	Poly (ADP-ribose) polymerase-1 as a promising drug target for neurodegenerative diseases. <i>Life Sciences</i> , 2021, 267, 118975.	2.0	45
27	Therapies modulating insulin resistance in Parkinson's disease: A cross talk. <i>Neuroscience Letters</i> , 2021, 749, 135754.	1.0	24
28	Mechanistic insight on the role of leukotriene receptors in ischemic reperfusion injury. <i>Pharmacological Reports</i> , 2021, 73, 1240-1254.	1.5	33
29	Sirtuin Acetylation and Deacetylation: a Complex Paradigm in Neurodegenerative Disease. <i>Molecular Neurobiology</i> , 2021, 58, 3903-3917.	1.9	40
30	Dysbiosis and Alzheimer's Disease: A Role for Chronic Stress?. <i>Biomolecules</i> , 2021, 11, 678.	1.8	51
31	Traumatic Brain Injury: Mechanistic Insight on Pathophysiology and Potential Therapeutic Targets. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 1725-1742.	1.1	86
32	Novel Targets Explored in the Treatment of Alcohol Withdrawal Syndrome. <i>CNS and Neurological Disorders - Drug Targets</i> , 2021, 20, 158-173.	0.8	15
33	Reviving mitochondrial bioenergetics: A relevant approach in epilepsy. <i>Mitochondrion</i> , 2021, 58, 213-226.	1.6	37
34	Expanding the Arsenal Against Huntington's Disease-Herbal Drugs and Their Nanoformulations. <i>Current Neuropharmacology</i> , 2021, 19, 957-989.	1.4	14
35	Therapeutic modulation of the phosphatidylinositol 3-kinases (PI3K) pathway in cerebral ischemic injury. <i>Brain Research</i> , 2021, 1761, 147399.	1.1	32
36	Stressed mitochondria: A target to intrude alzheimer's disease. <i>Mitochondrion</i> , 2021, 59, 48-57.	1.6	29

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37	Peroxisome Proliferator-Activated Receptor-Gamma (PPAR-É): Molecular Effects and Its Importance as a Novel Therapeutic Target for Cerebral Ischemic Injury. <i>Neurochemical Research</i> , 2021, 46, 2800-2831.	1.6	23
38	Mechanistic and physiological approaches of fecal microbiota transplantation in the management of NAFLD. <i>Inflammation Research</i> , 2021, 70, 765-776.	1.6	8
39	Mechanistic insights and perspectives involved in neuroprotective action of quercetin. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111729.	2.5	114
40	Demethyleneberberine: A possible treatment for Huntingtonâ€™s disease. <i>Medical Hypotheses</i> , 2021, 153, 110639.	0.8	14
41	BCG Vaccine, A Ray of Hope in Treating Severe Acute Respiratory Syndrome (SARS). <i>Infectious Disorders - Drug Targets</i> , 2021, 21, e270421186935.	0.4	4
42	Apoptotic Pathways and Alzheimerâ€™s Disease: Probing Therapeutic Potential. <i>Neurochemical Research</i> , 2021, 46, 3103-3122.	1.6	62
43	A global comparison of implementation and effectiveness of materiovigilance program: overview of regulations. <i>Environmental Science and Pollution Research</i> , 2021, 28, 59608-59629.	2.7	5
44	Cyclic nucleotide phosphodiesterase inhibition as a potential therapeutic target in renal ischemia reperfusion injury. <i>Life Sciences</i> , 2021, 282, 119843.	2.0	8
45	Emerging perspectives on mitochondrial dysfunctioning and inflammation in epileptogenesis. <i>Inflammation Research</i> , 2021, 70, 1027-1042.	1.6	9
46	COVID-19-Associated acute respiratory distress syndrome (CARDS): Mechanistic insights on therapeutic intervention and emerging trends. <i>International Immunopharmacology</i> , 2021, 101, 108328.	1.7	8
47	Pharmacological Modulation of Ubiquitin-Proteasome Pathways in Oncogenic Signaling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11971.	1.8	42
48	Anticonvulsive Effects of Chondroitin Sulfate on Pilocarpine and Pentylentetrazole Induced Epileptogenesis in Mice. <i>Molecules</i> , 2021, 26, 6773.	1.7	11
49	Comparative Evaluation of BGR-34 and Sitagliptin in Diabetic Subjects - Open Labelled Randomised Parallel Clinical Study. <i>Serbian Journal of Experimental and Clinical Research</i> , 2021, 22, 325-332.	0.2	0
50	Insulin resistance and bioenergetic manifestations: Targets and approaches in Alzheimer's disease. <i>Life Sciences</i> , 2020, 262, 118401.	2.0	27
51	Pharmacological postconditioning: a molecular aspect in ischemic injury. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 1513-1527.	1.2	27
52	Development of a novel HPTLC fingerprint method for simultaneous estimation of berberine and rutin in medicinal plants and their pharmaceutical preparations followed by its application in antioxidant assay. <i>Journal of Planar Chromatography - Modern TLC</i> , 2020, 33, 313-319.	0.6	9
53	Evaluation of renoprotective potential of <i>Ficus religiosa</i> in attenuation of diabetic nephropathy in rats. <i>Obesity Medicine</i> , 2020, 19, 100268.	0.5	11
54	Mechanistic approach to herbal formulations used for urolithiasis treatment. <i>Obesity Medicine</i> , 2020, 19, 100266.	0.5	5

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55	Protective effects of sesamol against cisplatin-induced nephrotoxicity in rats: A mechanistic approach. <i>Obesity Medicine</i> , 2020, 19, 100269.	0.5	3
56	Medicinal plants used against various inflammatory biomarkers for the management of rheumatoid arthritis. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 1306-1327.	1.2	49
57	Pathobiological and molecular connections involved in the high fructose and high fat diet induced diabetes associated nonalcoholic fatty liver disease. <i>Inflammation Research</i> , 2020, 69, 851-867.	1.6	7
58	Impact of solidification on micromeritic properties and dissolution rate of self-nanoemulsifying delivery system loaded with docosahexaenoic acid. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 597-605.	0.9	21
59	Counteracting role of nuclear factor erythroid 2-related factor 2 pathway in Alzheimer's disease. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110373.	2.5	56
60	Neuropathic pain in diabetes mellitus: Challenges and future trends. <i>Obesity Medicine</i> , 2020, 18, 100215.	0.5	18
61	Navigating Alzheimer's Disease via Chronic Stress: The Role of Glucocorticoids. <i>Current Drug Targets</i> , 2020, 21, 433-444.	1.0	20
62	Cyclic Nucleotides Signaling and Phosphodiesterase Inhibition: Defying Alzheimer's Disease. <i>Current Drug Targets</i> , 2020, 21, 1371-1384.	1.0	14
63	Medicinal Potential of Heterocyclic Compounds from Diverse Natural Sources for the Management of Cancer. <i>Mini-Reviews in Medicinal Chemistry</i> , 2020, 20, 942-957.	1.1	12
64	Alzheimer's Disorder: Epigenetic Connection and Associated Risk Factors. <i>Current Neuropharmacology</i> , 2020, 18, 740-753.	1.4	47
65	Role of Nuclear Factor Kappa B (NF- κ B) Signalling in Neurodegenerative Diseases: An Mechanistic Approach. <i>Current Neuropharmacology</i> , 2020, 18, 918-935.	1.4	117
66	Chronic Stress and Diabetes Mellitus: Interwoven Pathologies. <i>Current Diabetes Reviews</i> , 2020, 16, 546-556.	0.6	40
67	Sinapic acid attenuates cisplatin-induced nephrotoxicity through peroxisome proliferator-activated receptor gamma agonism in rats. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2020, 12, 146.	0.2	15
68	Effects of resveratrol postconditioning on cerebral ischemia in mice: role of the sirtuin-1 pathway. <i>Canadian Journal of Physiology and Pharmacology</i> , 2019, 97, 1094-1101.	0.7	30
69	Neuroprotective effect of pharmacological postconditioning on cerebral ischaemia-reperfusion-induced injury in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 956-970.	1.2	16
70	Role of Protein Kinase C in Diabetic Complications. <i>Journal of Pharmaceutical Technology Research and Management</i> , 2019, 7, 87-95.	0.3	8
71	Improved Solubility of Itraconazole Binary Dispersions using Neem Gum: Development and Characterization of Topical Gel. <i>Current Bioactive Compounds</i> , 2019, 15, 399-407.	0.2	3
72	Pharmacological and Phytochemical Updates on <i>Pothos scandens</i> L. <i>Pharmacognosy Communications</i> , 2018, 8, 138-145.	0.4	5

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73	Neurotransmitter Systems and the Nicotine Dependence-Induced Withdrawal Syndrome. , 2016, , 201-208.		0
74	Nanobiomaterials. , 2016, , 401-429.		5
75	Nanoparticles. , 2016, , 483-509.		5
76	Nanobiomaterials in cosmetics: current status and future prospects. , 2016, , 149-174.		23
77	Modulation of muscarinic system with serotonin-norepinephrine reuptake inhibitor antidepressant attenuates depression in mice. Indian Journal of Pharmacology, 2015, 47, 388.	0.4	11
78	Ro 32-0432 attenuates mecamylamine-precipitated nicotine withdrawal syndrome in mice. Naunyn-Schmiedeberg's Archives of Pharmacology, 2013, 386, 197-204.	1.4	3
79	Selenium induced anticonvulsant effect: A potential role of prostaglandin E1 receptor activation linked mechanism. Journal of Trace Elements in Medicine and Biology, 2013, 27, 31-39.	1.5	15
80	Pharmacological modulation of geranylgeranyltransferase and farnesyltransferase attenuates opioid withdrawal in vivo and in vitro. Neuropharmacology, 2013, 71, 19-26.	2.0	8
81	Pharmacological modulation of farnesyltransferase subtype I attenuates mecamylamine-precipitated nicotine withdrawal syndrome in mice. Behavioural Pharmacology, 2013, 24, 668-677.	0.8	6
82	SU-6656, a Selective Src Kinase Inhibitor, Attenuates Mecamylamine-Precipitated Nicotine Withdrawal Syndrome in Mice. Nicotine and Tobacco Research, 2012, 14, 407-414.	1.4	12
83	Involvement of CCR-2 chemokine receptor activation in ischemic preconditioning and postconditioning of brain in mice. Cytokine, 2012, 60, 83-89.	1.4	30
84	Biocompatible Nanoparticle Labeling of Stem Cells and Their Distribution in Brain. Methods in Molecular Biology, 2012, 879, 531-537.	0.4	1
85	Involvement of src-kinase activation in ischemic preconditioning induced protection of mouse brain. Life Sciences, 2011, 88, 825-829.	2.0	10
86	Modulation of leukotriene D4 attenuates the development of seizures in mice. Prostaglandins Leukotrienes and Essential Fatty Acids, 2011, 85, 97-106.	1.0	26
87	Amisulpride-induced Seizurogenic Effect: A Potential Role of Opioid Receptor-Linked Transduction Systems. Basic and Clinical Pharmacology and Toxicology, 2011, 108, 310-317.	1.2	9
88	Possible Involvement of Ubiquitin Proteasome System and Other Proteases in Acute and Delayed Aspects of Ischemic Preconditioning of Brain in Mice. Biological and Pharmaceutical Bulletin, 2010, 33, 1953-1957.	0.6	11
89	Tramadol-induced seizurogenic effect: a possible role of opioid-dependent histamine (H1) receptor activation-linked mechanism. Naunyn-Schmiedeberg's Archives of Pharmacology, 2010, 381, 11-19.	1.4	47
90	Levamisole-induced reduction in seizure threshold: a possible role of nicotinic acetylcholine receptor-mediated pathway. Naunyn-Schmiedeberg's Archives of Pharmacology, 2010, 382, 279-285.	1.4	12

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91	Involvement of cyclic adenosine diphosphoribose receptor activation in ischemic preconditioning induced protection in mouse brain. <i>Brain Research</i> , 2010, 1309, 75-82.	1.1	11
92	Pharmacological inhibition of inducible nitric oxide synthase attenuates the development of seizures in mice. <i>Nitric Oxide - Biology and Chemistry</i> , 2009, 21, 120-125.	1.2	32
93	Nuclear factor- κ -B inhibitor modulates the development of opioid dependence in a mouse model of naloxone-induced opioid withdrawal syndrome. <i>Behavioural Pharmacology</i> , 2008, 19, 265-269.	0.8	28