

# yogendra Kumar gupta

## List of Publications by Year in descending order

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Version: 2024-02-01

89  
papers

2,129  
citations

236925

25  
h-index

265206

42  
g-index

93  
all docs

93  
docs citations

93  
times ranked

3125  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protective effect of resveratrol against oxidative stress in middle cerebral artery occlusion model of stroke in rats. <i>Life Sciences</i> , 2002, 71, 655-665.	4.3	299
2	Protective effect of curcumin against seizures and cognitive impairment in a pentylenetetrazole-kindled epileptic rat model. <i>Life Sciences</i> , 2010, 87, 596-603.	4.3	140
3	Curcumin is protective against phenytoin-induced cognitive impairment and oxidative stress in rats. <i>Brain Research</i> , 2009, 1301, 52-60.	2.2	108
4	Hydroalcoholic extract of <i>Zizyphus jujuba</i> ameliorates seizures, oxidative stress, and cognitive impairment in experimental models of epilepsy in rats. <i>Epilepsy and Behavior</i> , 2011, 21, 356-363.	1.7	75
5	Impact of antiepileptic drugs on bone health: Need for monitoring, treatment, and prevention strategies. <i>Journal of Family Medicine and Primary Care</i> , 2016, 5, 248.	0.9	62
6	Pharmacokinetic and pharmacodynamic interactions of valproate, phenytoin, phenobarbitone and carbamazepine with curcumin in experimental models of epilepsy in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 99, 399-407.	2.9	60
7	Curcumin ameliorates cognitive dysfunction and oxidative damage in phenobarbitone and carbamazepine administered rats. <i>European Journal of Pharmacology</i> , 2010, 644, 106-112.	3.5	57
8	Effect of <i>Anacyclus pyrethrum</i> on Pentylenetetrazole-Induced Kindling, Spatial Memory, Oxidative Stress and Rho-Kinase II Expression in Mice. <i>Neurochemical Research</i> , 2013, 38, 547-556.	3.3	54
9	Metronomic Chemotherapy vs Best Supportive Care in Progressive Pediatric Solid Malignant Tumors. <i>JAMA Oncology</i> , 2017, 3, 1222.	7.1	47
10	Comparison of three different extracts of <i>Centella asiatica</i> for anti-amnesic, antioxidant and anticholinergic activities: in vitro and in vivo study. <i>Biomedicine and Pharmacotherapy</i> , 2018, 105, 1344-1352.	5.6	46
11	Neuroprotective effect of lercanidipine in middle cerebral artery occlusion model of stroke in rats. <i>Experimental Neurology</i> , 2017, 288, 25-37.	4.1	44
12	Protective effect of <i>Terminalia chebula</i> against seizures, seizure-induced cognitive impairment and oxidative stress in experimental models of seizures in rats. <i>Journal of Ethnopharmacology</i> , 2018, 215, 124-131.	4.1	44
13	Efficacy & safety evaluation of Ayurvedic treatment ( <i>Ashwagandha</i> powder & <i>Sidh</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Research</i> , 2015, 141, 100.	1.0	44
14	Fixed dose drug combinations: Issues and challenges in India. <i>Indian Journal of Pharmacology</i> , 2016, 48, 347.	0.7	43
15	Root extract of <i>Anacyclus pyrethrum</i> ameliorates seizures, seizure-induced oxidative stress and cognitive impairment in experimental animals. <i>Epilepsy Research</i> , 2012, 98, 157-165.	1.6	40
16	Pesticide poisoning trend analysis of 13 years: A retrospective study based on telephone calls at the National Poisons Information Centre, All India Institute of Medical Sciences, New Delhi. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2014, 22, 57-61.	1.0	37
17	Abuse of topical corticosteroids in India: Concerns and the way forward. <i>Journal of Pharmacology and Pharmacotherapeutics</i> , 2016, 7, 1-5.	0.4	37
18	Therapeutic potential of herbal drugs in cerebral ischemia. <i>Indian Journal of Physiology and Pharmacology</i> , 2010, 54, 99-122.	0.4	34

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19	Protective effect of vineatrol against kainic acid induced seizures, oxidative stress and on the expression of heat shock proteins in rats. <i>European Neuropsychopharmacology</i> , 2006, 16, 85-91.	0.7	33
20	Safety evaluation of an Ayurvedic medicine, Arogyavardhini vati on brain, liver and kidney in rats. <i>Journal of Ethnopharmacology</i> , 2012, 140, 151-160.	4.1	32
21	Evaluation of genotoxic potential of commonly used organophosphate pesticides in peripheral blood lymphocytes of rats. <i>Human and Experimental Toxicology</i> , 2015, 34, 390-400.	2.2	32
22	Protective effect of curcumin against kainic acid induced seizures and oxidative stress in rats. <i>Indian Journal of Physiology and Pharmacology</i> , 2009, 53, 39-46.	0.4	31
23	The Tamiflu fiasco and lessons learnt. <i>Indian Journal of Pharmacology</i> , 2015, 47, 11.	0.7	29
24	Correlation of saliva and serum free valproic acid concentrations in persons with epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2015, 25, 187-190.	2.0	29
25	Effect of lamotrigine, levetiracetam & topiramate on neurobehavioural parameters & oxidative stress in comparison with valproate in rats. <i>Indian Journal of Medical Research</i> , 2016, 144, 104.	1.0	27
26	Anticonvulsant activity of the cyclooxygenase-2 (COX-2) inhibitor etoricoxib in pentylenetetrazole-kindled rats is associated with memory impairment. <i>Epilepsy and Behavior</i> , 2015, 44, 98-103.	1.7	26
27	Amelioration of intracerebroventricular streptozotocin induced cognitive impairment by <i>Evolvulus alsinoides</i> in rats: In vitro and in vivo evidence. <i>Neurochemistry International</i> , 2012, 61, 1052-1064.	3.8	25
28	Post traumatic epilepsy: a review of scientific evidence. <i>Indian Journal of Physiology and Pharmacology</i> , 2006, 50, 7-16.	0.4	24
29	Enhanced endogenous activation of NMDA receptors in pyramidal neurons of hippocampal tissues from patients with mesial temporal lobe epilepsy: A mechanism of hyper excitation. <i>Epilepsy Research</i> , 2015, 117, 11-16.	1.6	23
30	Molecular mechanisms underlying attenuation of cisplatin-induced acute kidney injury by epicatechin gallate. <i>Laboratory Investigation</i> , 2016, 96, 853-861.	3.7	23
31	Influence of MDR1 and CYP3A5 genetic polymorphisms on trough levels and therapeutic response of imatinib in newly diagnosed patients with chronic myeloid leukemia. <i>Pharmacological Research</i> , 2017, 120, 138-145.	7.1	23
32	Rapamycin ameliorates brain metabolites alterations after transient focal ischemia in rats. <i>European Journal of Pharmacology</i> , 2015, 757, 28-33.	3.5	20
33	Evaluation of adverse drug reaction profile of antiepileptic drugs in persons with epilepsy: A cross-sectional study. <i>Epilepsy and Behavior</i> , 2020, 105, 106947.	1.7	20
34	Adverse effects & drug load of antiepileptic drugs in patients with epilepsy: Monotherapy versus polytherapy. <i>Indian Journal of Medical Research</i> , 2017, 145, 317-326.	1.0	20
35	Poisoning due to household products: A ten years retrospective analysis of telephone calls to the National Poisons Information Centre, All India Institute of Medical Sciences, New Delhi, India. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2018, 58, 205-211.	1.0	19
36	Anti-inflammatory and anti-granuloma activity of <i>Berberis aristata</i> DC. in experimental models of inflammation. <i>Indian Journal of Pharmacology</i> , 2016, 48, 155.	0.7	19

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37	Combination of <i>Zizyphus jujuba</i> and silymarin showed better neuroprotective effect as compared to single agent in MCAo-induced focal cerebral ischemia in rats. <i>Journal of Ethnopharmacology</i> , 2017, 197, 118-127.	4.1	18
38	<i>Clitoria ternatea</i> ameliorated the intracerebroventricularly injected streptozotocin induced cognitive impairment in rats: behavioral and biochemical evidence. <i>Psychopharmacology</i> , 2013, 230, 589-605.	3.1	17
39	Effect of antiepileptic therapy on trace elements status in Indian population in a tertiary care hospital from northern India: A cross sectional study. <i>Epilepsy Research</i> , 2014, 108, 917-927.	1.6	17
40	Î±-Amyrin attenuates high fructose diet-induced metabolic syndrome in rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 23-32.	1.9	17
41	Frequencies of CYP2C9 polymorphisms in North Indian population and their association with drug levels in children on phenytoin monotherapy. <i>BMC Pediatrics</i> , 2016, 16, 66.	1.7	15
42	Neuroimaging, biochemical and cellular evidence of protection by mycophenolate mofetil on middle cerebral artery occlusion induced injury in rats. <i>European Journal of Pharmacology</i> , 2012, 684, 71-78.	3.5	14
43	Anti-inflammatory and antiarthritic activity of aqueous extract of <i>Rosa centifolia</i> in experimental rat models. <i>International Journal of Rheumatic Diseases</i> , 2017, 20, 1072-1078.	1.9	14
44	Self-medication practice and factors influencing it among medical and paramedical students in India: A two-period comparative cross-sectional study. <i>Journal of Natural Science, Biology and Medicine</i> , 2016, 7, 143.	1.0	14
45	Citalopram attenuated neurobehavioral, biochemical, and metabolic alterations in transient middle cerebral artery occlusion model of stroke in male Wistar rats. <i>Journal of Neuroscience Research</i> , 2018, 96, 1277-1293.	2.9	13
46	Imatinib trough levels: a potential biomarker to predict cytogenetic and molecular response in newly diagnosed patients with chronic myeloid leukemia. <i>Leukemia and Lymphoma</i> , 2019, 60, 418-425.	1.3	13
47	Effect of <i>Tribulus terrestris</i> in mercuric chloride-induced renal accumulation of mercury and nephrotoxicity in rat. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2019, 10, 132.	1.0	13
48	miR-505-5p and miR-193b-3p: potential biomarkers of imatinib response in patients with chronic myeloid leukemia. <i>Leukemia and Lymphoma</i> , 2017, 58, 1981-1984.	1.3	12
49	Issues, challenges, and the way forward in conducting clinical trials among neonates: investigatorsâ€™ perspective. <i>Journal of Perinatology</i> , 2019, 39, 20-30.	2.0	12
50	Effect of Atorvastatin on Pancreatic Beta-Cell Function and Insulin Resistance in Type 2 Diabetes Mellitus Patients: A Randomized Pilot Study. <i>Canadian Journal of Diabetes</i> , 2014, 38, 466-472.	0.8	11
51	Evaluation of sodium valproate loaded nanoparticles in acute and chronic pentylenetetrazole induced seizure models. <i>Epilepsy Research</i> , 2019, 158, 106219.	1.6	11
52	Aluminium utensils: Is it a concern?. <i>The National Medical Journal of India</i> , 2019, 32, 38.	0.3	11
53	Compensation for Clinical Trial-Related Injury and Death in India: Challenges and the Way Forward. <i>Drug Safety</i> , 2014, 37, 995-1002.	3.2	10
54	Comparison of body composition in persons with epilepsy on conventional & new antiepileptic drugs. <i>Indian Journal of Medical Research</i> , 2016, 143, 323.	1.0	10

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55	In vivo antiarthritic activity of <i>Rosa centifolia</i> L. flower extract. <i>AYU: an International Quarterly Journal of Research in Ayurveda</i> , 2015, 36, 341.	0.1	10
56	<sup>1</sup> H NMR metabolomic profiling elucidated attenuation of neurometabolic alterations by lercanidipine in MCAo model in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 816-825.	2.4	9
57	Pharmacodynamic and pharmacokinetic interactions of hydroalcoholic leaf extract of <i>Centella asiatica</i> with valproate and phenytoin in experimental models of epilepsy in rats. <i>Journal of Ethnopharmacology</i> , 2021, 270, 113784.	4.1	9
58	Pharmacodynamic and pharmacokinetic interaction of Panchagavya Ghrita with phenytoin and carbamazepine in maximal electroshock induced seizures in rats. <i>AYU: an International Quarterly Journal of Research in Ayurveda</i> , 2015, 36, 196.	0.1	9
59	Pharmacokinetic and pharmacodynamic interaction of hydroalcoholic extract of <i>Ocimum sanctum</i> with valproate. <i>Epilepsy and Behavior</i> , 2017, 75, 203-209.	1.7	8
60	Depression in patients receiving pharmacotherapy for epilepsy: An audit in a tertiary care centre. <i>Pharmacological Reports</i> , 2019, 71, 848-854.	3.3	8
61	Seizure recurrence risk in persons with epilepsy undergoing antiepileptic drug tapering. <i>Acta Neurologica Scandinavica</i> , 2020, 141, 65-76.	2.1	8
62	Influence of qualification and practice settings of dental practitioners on antimicrobial prescribing in Delhi and National Capital Region, India. <i>Journal of Natural Science, Biology and Medicine</i> , 2017, 8, 229.	1.0	8
63	Effects of add-on melatonin on sleep in epileptic children on carbamazepine monotherapy: A randomized placebo controlled trial. <i>Sleep and Biological Rhythms</i> , 2004, 2, 215-219.	1.0	7
64	Awareness assessment of harmful effects of mercury in a health care set-up in India. <i>Toxicology and Industrial Health</i> , 2015, 31, 1144-1151.	1.4	7
65	Use of mercury-based medical equipments and mercury content in effluents of tertiary care hospitals in India. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 145.	2.7	7
66	Safety and efficacy of hydroalcoholic extract from <i>Lawsonia inermis</i> leaves on lipid profile in alloxan-induced diabetic rats. <i>AYU: an International Quarterly Journal of Research in Ayurveda</i> , 2015, 36, 107.	0.1	7
67	Potential of immunosuppressive agents in cerebral ischaemia. <i>Indian Journal of Medical Research</i> , 2011, 133, 15-26.	1.0	7
68	Dopamine Release is Involved in Antinociceptive Effect of Theophylline. <i>International Journal of Neuroscience</i> , 2012, 122, 17-21.	1.6	6
69	Evaluation of antitussive activity of formulations with herbal extracts in sulphur dioxide (SO <sub>2</sub> ) induced cough model in mice. <i>Indian Journal of Physiology and Pharmacology</i> , 2009, 53, 61-6.	0.4	6
70	Do polymorphisms in <i>MDR1</i> and <i>CYP3A5</i> genes influence the risk of cytogenetic relapse in patients with chronic myeloid leukemia on imatinib therapy?. <i>Leukemia and Lymphoma</i> , 2017, 58, 2218-2226.	1.3	5
71	Issues in pharmacotherapy of 2009 H1N1 influenza infection. <i>Journal of Postgraduate Medicine</i> , 2010, 56, 321-327.	0.4	5
72	Safety evaluation of mercury based Ayurvedic formulation (Sidh Makardhwaj) on brain cerebrum, liver & kidney in rats. <i>Indian Journal of Medical Research</i> , 2014, 139, 610-8.	1.0	5

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73	Attitude and Knowledge of Indian Emergency Care Residents towards Use of Proton Pump Inhibitors. International Scholarly Research Notices, 2014, 2014, 1-6.	0.9	4
74	S-adenosyl methionine (SAM) attenuates the development of tolerance to analgesic activity of morphine in rats. Neuroscience Letters, 2017, 645, 67-73.	2.1	4
75	Effect of combination of Tribulus terrestris, Boerhavia diffusa and Terminalia chebula reverses mercuric chloride-induced nephrotoxicity and renal accumulation of mercury in rat. Oriental Pharmacy and Experimental Medicine, 2019, 19, 497-507.	1.2	4
76	Difference in occurrence of muscle-related adverse effects of statins among male and female geriatric patients: A cross-sectional observational study. Nigerian postgraduate medical journal, The, 2016, 23, 202.	0.4	3
77	Impact of regulatory spin of pioglitazone on prescription of antidiabetic drugs among physicians in India: A multicentre questionnaire-based observational study. Indian Journal of Medical Research, 2017, 146, 468-475.	1.0	3
78	Effect of vineatrol in focal cerebral ischemia in rats. Methods and Findings in Experimental and Clinical Pharmacology, 2009, 31, 505.	0.8	3
79	Clinical trials and evolving regulatory science in India. Indian Journal of Pharmacology, 2014, 46, 575.	0.7	2
80	High Serum Estradiol and Heavy Metals Responsible for Human Spermiation Defect-A Pilot Study. Journal of Clinical and Diagnostic Research JCDR, 2016, 10, RC09-RC13.	0.8	2
81	Difference in described indications of medicines among drug information sources in India: An issue urgently to be addressed. Journal of Natural Science, Biology and Medicine, 2016, 7, 93.	1.0	1
82	Development and Validation of Highly Sensitive LC-ESI-MS/MS Method for Bortezomib and Its Applications for Plasma Levels and Drug Content of Branded and Generic Formulations in India. Chromatographia, 2022, 85, 127-135.	1.3	1
83	Status analysis of herbal drug therapies in epilepsy: advancements in the use of medicinal plants with anti-inflammatory properties. Combinatorial Chemistry and High Throughput Screening, 2021, 24, .	1.1	0
84	Metronomic therapy versus best supportive care in progressive pediatric solid malignancies: A double blind placebo controlled randomized study.. Journal of Clinical Oncology, 2016, 34, 10520-10520.	1.6	0
85	Protective effect of Terminalia chebula against seizures, seizure-induced cognitive impairment and oxidative stress in experimental models of seizures in rats. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO2-12-23.	0.0	0
86	Prescription pattern of antiepileptic drugs in a tertiary care center of India. Indian Journal of Pharmacology, 2020, 52, 283-289.	0.7	0
87	Need for national strategies for snake envenomations in India. Indian Journal of Pharmacology, 2020, 52, 331-332.	0.7	0
88	Compact fluorescent lamps: Advantages and health issues. The National Medical Journal of India, 2014, 27, 292-4.	0.3	0
89	Extremely low intensity magnetic field effectively improves cognitive impairment in intracerebroventricular streptozotocin animal model sparing septo-hippocampal cholinergic pathway and CAMKII. Alzheimer's and Dementia, 2021, 17, e049698.	0.8	0