

Yogesh A Kulkarni

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

2,210
citations

257450
24
h-index

265206
42
g-index

108
all docs

108
docs citations

108
times ranked

2639
citing authors

#	ARTICLE	IF	CITATIONS
1	NF- κ B: A Potential Target in the Management of Vascular Complications of Diabetes. <i>Frontiers in Pharmacology</i> , 2017, 8, 798.	3.5	244
2	Pharmacokinetic, pharmacodynamic and formulations aspects of Naringenin: An update. <i>Life Sciences</i> , 2018, 215, 43-56.	4.3	158
3	VEGF and FGF-2: Promising targets for the treatment of respiratory disorders. <i>Respiratory Medicine</i> , 2019, 156, 33-46.	2.9	102
4	Acute and Repeated Dose Toxicity Studies of Different β -Cyclodextrin-Based Nanosponge Formulations. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 1856-1863.	3.3	93
5	Formononetin Treatment in Type 2 Diabetic Rats Reduces Insulin Resistance and Hyperglycemia. <i>Frontiers in Pharmacology</i> , 2018, 9, 739.	3.5	82
6	Neuroprotective Effect of Cardamom Oil Against Aluminum Induced Neurotoxicity in Rats. <i>Frontiers in Neurology</i> , 2019, 10, 399.	2.4	81
7	Tannins and vascular complications of Diabetes: An update. <i>Phytomedicine</i> , 2019, 56, 229-245.	5.3	72
8	Renal ischemia/reperfusion injury: An insight on in vitro and in vivo models. <i>Life Sciences</i> , 2020, 256, 117860.	4.3	69
9	Biochanin A improves insulin sensitivity and controls hyperglycemia in type 2 diabetes. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 1119-1127.	5.6	64
10	Traditional uses, phytochemistry and pharmacology of the medicinal species of the genus <i>Cordia</i> (Boraginaceae). <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 755-789.	2.4	60
11	Chemistry, pharmacokinetics, pharmacology and recent novel drug delivery systems of paeonol. <i>Life Sciences</i> , 2020, 250, 117544.	4.3	60
12	Formononetin attenuates kidney damage in type 2 diabetic rats. <i>Life Sciences</i> , 2019, 219, 109-121.	4.3	53
13	Gallic acid attenuates type I diabetic nephropathy in rats. <i>Chemico-Biological Interactions</i> , 2018, 282, 69-76.	4.0	51
14	Diabetic nephropathy: The regulatory interplay between epigenetics and microRNAs. <i>Pharmacological Research</i> , 2019, 141, 574-585.	7.1	49
15	Hyperglycemia to Nephropathy via Transforming Growth Factor Beta. <i>Current Diabetes Reviews</i> , 2014, 10, 182-189.	1.3	47
16	SIRT1-FOXOs activity regulates diabetic complications. <i>Pharmacological Research</i> , 2022, 175, 106014.	7.1	43
17	Attenuation of renal damage in type I diabetic rats by umbelliferone – a coumarin derivative. <i>Pharmacological Reports</i> , 2017, 69, 1263-1269.	3.3	35
18	ER stress response mediates diabetic microvascular complications. <i>Drug Discovery Today</i> , 2019, 24, 2247-2257.	6.4	34

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19	Systematic approaches for biodiagnostics using exhaled air. <i>Journal of Controlled Release</i> , 2017, 268, 282-295.	9.9	33
20	Pharmacology of apocynin: a natural acetophenone. <i>Drug Metabolism Reviews</i> , 2021, 53, 542-562.	3.6	32
21	NADPH oxidase: A membrane-bound enzyme and its inhibitors in diabetic complications. <i>European Journal of Pharmacology</i> , 2020, 881, 173206.	3.5	32
22	Toxicological studies on aqueous extract of <i>Gmelina arborea</i> in rodents. <i>Pharmaceutical Biology</i> , 2010, 48, 1413-1420.	2.9	28
23	Effect of Jyotishmati (<i>Celastrus paniculatus</i>) seeds in mouse models of pain and inflammation. <i>Journal of Ayurveda and Integrative Medicine</i> , 2015, 6, 82.	1.7	28
24	Formononetin Ameliorates Diabetic Neuropathy by Increasing Expression of SIRT1 and NGF. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000162.	2.1	27
25	Esculetin: A phytochemical endeavor fortifying effect against non-communicable diseases. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 1442-1448.	5.6	25
26	<i>Bauhinia variegata</i> (Caesalpiniaceae) leaf extract: An effective treatment option in type I and type II diabetes. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 122-129.	5.6	25
27	Daidzein ameliorates diabetic retinopathy in experimental animals. <i>Life Sciences</i> , 2021, 265, 118779.	4.3	22
28	Therapeutic potential and recent delivery systems of berberine: A wonder molecule. <i>Journal of Functional Foods</i> , 2019, 61, 103517.	3.4	21
29	Berberine loaded nanostructured lipid carrier for Alzheimer's disease: Design, statistical optimization and enhanced in vivo performance. <i>Life Sciences</i> , 2021, 285, 119990.	4.3	21
30	Daidzein mitigates myocardial injury in streptozotocin-induced diabetes in rats. <i>Life Sciences</i> , 2021, 284, 119664.	4.3	21
31	Toxicological evaluation of the methanol extract of <i>Gmelina arborea</i> Roxb. bark in mice and rats. <i>Toxicology International</i> , 2012, 19, 125.	0.1	20
32	Effect of <i>Gmelina arborea</i> Roxb in experimentally induced inflammation and nociception. <i>Journal of Ayurveda and Integrative Medicine</i> , 2013, 4, 152.	1.7	19
33	Potential Biomarkers in Diabetic Retinopathy. <i>Current Diabetes Reviews</i> , 2020, 16, 971-983.	1.3	19
34	Eugenol ameliorates renal damage in streptozotocin-induced diabetic rats. <i>Flavour and Fragrance Journal</i> , 2017, 32, 54-62.	2.6	18
35	In-vivo and in-silico toxicity studies of daidzein: an isoflavone from soy. <i>Drug and Chemical Toxicology</i> , 2022, 45, 1408-1416.	2.3	18
36	Potential of Renin-Angiotensin-Aldosterone System Modulations in Diabetic Kidney Disease: Old Players to New Hope!. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2020, 179, 31-71.	1.6	17

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37	Role of dietary modifications in the management of type 2 diabetic complications. Pharmacological Research, 2021, 168, 105602.	7.1	17
38	Anticancer activity of methylene blue via inhibition of heat shock protein 70. Biomedicine and Pharmacotherapy, 2018, 107, 1037-1045.	5.6	16
39	<i>Trifolium pratense</i> (Red Clover) Improve SIRT1 Expression and Glycogen Content in High Fat Diet-Induced Type 2 Diabetes in Rats. Chemistry and Biodiversity, 2020, 17, e2000019.	2.1	16
40	Neuroprotective effect of paeonol in streptozotocin-induced diabetes in rats. Life Sciences, 2021, 271, 119202.	4.3	16
41	Toxicity study of ethanolic extract of Acorus calamus rhizome. International Journal of Green Pharmacy, 2012, 6, 29.	0.1	15
42	Effects of Gmelina arborea extract on experimentally induced diabetes. Asian Pacific Journal of Tropical Medicine, 2013, 6, 602-608.	0.8	15
43	Diabetes, diabetic complications, and flavonoids. , 2016, , 77-104.		14
44	<i>In Silico</i> and <i>In Vivo</i> Toxicological Evaluation of Paeonol. Chemistry and Biodiversity, 2020, 17, e2000422.	2.1	14
45	Nanostructured polymer-based cochleates for effective transportation of insulin. Journal of Molecular Liquids, 2020, 311, 113352.	4.9	14
46	Lurasidone- β -cyclodextrin complexes: Physicochemical characterization and comparison of their antidepressant, antipsychotic activities against that of self microemulsifying formulation. Journal of Molecular Structure, 2018, 1157, 395-400.	3.6	13
47	Escin alleviates peripheral neuropathy in streptozotocin induced diabetes in rats. Life Sciences, 2020, 254, 117777.	4.3	13
48	Effect of Bauhinia variegata Linn. (Caesalpinaceae) extract in streptozotocin induced type I diabetic rats. Oriental Pharmacy and Experimental Medicine, 2015, 15, 191-198.	1.2	12
49	Triphala Ameliorates Nephropathy via Inhibition of TGF- β 1 and Oxidative Stress in Diabetic Rats. Pharmacology, 2020, 105, 681-691.	2.2	12
50	PARP ¹ ing fibrosis: repurposing poly (ADP ribose) polymerase (PARP) inhibitors. Drug Discovery Today, 2020, 25, 1253-1261.	6.4	12
51	Triphala Churna—A Traditional Formulation in Ayurveda Mitigates Diabetic Neuropathy in Rats. Frontiers in Pharmacology, 2021, 12, 662000.	3.5	12
52	Attenuation of Cardiac Autonomic Neuropathy by Escin in Diabetic Rats. Pharmacology, 2021, 106, 211-217.	2.2	11
53	Water Soluble Vitamins and their Role in Diabetes and its Complications. Current Diabetes Reviews, 2020, 16, 649-656.	1.3	11
54	Nanoparticles: A Neurotoxicological Perspective. CNS and Neurological Disorders - Drug Targets, 2015, 14, 1317-1327.	1.4	11

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55	Acute toxicity study and anti-nociceptive activity of <i>Bauhinia acuminata</i> Linn. leaf extracts in experimental animal models. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 60-66.	5.6	10
56	A Systematic Review on the Role of Natural Products in Modulating the Pathways in Alzheimer's Disease. <i>International Journal for Vitamin and Nutrition Research</i> , 2017, 87, 99-116.	1.5	10
57	Effect of <i>Persea macrantha</i> against acute inflammation and adjuvant-induced arthritis in rats. <i>Pharmaceutical Biology</i> , 2009, 47, 304-308.	2.9	9
58	Biomarkers in diabetic neuropathy. <i>Archives of Physiology and Biochemistry</i> , 2023, 129, 460-475.	2.1	9
59	Biochanin A Attenuates Cardiomyopathy in Type 2 Diabetic Rats by Increasing SIRT1 Expression and Reducing Oxidative Stress. <i>Chemistry and Biodiversity</i> , 2022, 19, e202100591.	2.1	9
60	Synthesis and Evaluation of Novel Marine Bromopyrrole Alkaloid-Based Derivatives as Potential Antidepressant Agents. <i>Chemical Biology and Drug Design</i> , 2014, 84, 593-602.	3.2	8
61	Acute and 28-day repeated dose oral toxicity study of caraway oil in rats. <i>Drug Metabolism and Personalized Therapy</i> , 2019, 34, .	0.6	7
62	Nutraceuticals as therapeutic agents for inflammation. , 2016, , 121-147.		6
63	Mini-Review of Analytical Methods used in Quantification of Ellagic Acid. <i>Reviews in Analytical Chemistry</i> , 2020, 39, 31-44.	3.2	6
64	Daidzein attenuates urinary bladder dysfunction in streptozotocin-induced diabetes in rats by NOX-4 and RAC-1 inhibition. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2022, 395, 975-986.	3.0	6
65	Combination of Naringenin and Lisinopril Ameliorates Nephropathy in Type-1 Diabetic Rats. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2021, 21, 173-182.	1.2	5
66	Formononetin alleviates diabetic cardiomyopathy by inhibiting oxidative stress and upregulating SIRT1 in rats. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2020, 10, 254.	1.2	5
67	Acute and 28-Day Repeated Dose Oral Toxicity of <i>Bauhinia variegata</i> (Caesalpiniaceae) Stem Bark Extract. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2015, 21, 161-172.	1.1	4
68	Bio-inspired nano-engineered strip for semiquantitative FeNO analysis. <i>Journal of Breath Research</i> , 2019, 13, 046002.	3.0	4
69	<i>Bauhinia variegata</i> leaf extract: An effective management option for diabetic cardiomyopathy. <i>South African Journal of Botany</i> , 2020, 132, 50-58.	2.5	4
70	Receptors Structural and Functional Insights of VEGF and Its Receptors. , 2021, , 286-293.		4
71	Triphala churna ameliorates retinopathy in diabetic rats. <i>Biomedicine and Pharmacotherapy</i> , 2022, 148, 112711.	5.6	4
72	Capsicum: A Natural Pain Modulator. , 2017, , 107-119.		3

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73	Development and Validation of HPLC Method for Determination of Sodium Copper Chlorophyllin â€œ A Food Colorant and Its Application in Pharmacokinetic Study. Chemistry and Biodiversity, 2020, 17, e2000223.	2.1	3
74	Sodium copper chlorophyllin attenuates adenine-induced chronic kidney disease via suppression of TGF-beta and inflammatory cytokines. Naunyn-Schmiedeberg's Archives of Pharmacology, 2020, 393, 2029-2041.	3.0	3
75	Glycosides from Natural Sources in the Treatment of Diabetes Mellitus. , 2021, , 81-102.		3
76	Daidzein Attenuates Kidney Damage in Diabetic Rats. FASEB Journal, 2020, 34, 1-1.	0.5	3
77	Vascular adhesion protein-1 and microvascular diabetic complications. Pharmacological Reports, 2022, 74, 40-46.	3.3	3
78	Recent developments in using plant-derived natural products as tubulin inhibitors for the management of cancer. , 2016, , 507-524.		2
79	Potential Role of Seeds From India in Diabetes. , 2020, , 365-391.		2
80	Endoplasmic Reticulum Stress and Renin-Angiotensin System Crosstalk in Endothelial Dysfunction. Current Molecular Pharmacology, 2023, 16, 139-146.	1.5	2
81	Curcumin. , 2016, , 105-119.		1
82	Biomarkers of Multiple Sclerosis and Their Modulation by Natural Products. , 2017, , 275-284.		1
83	Natural Remedies for Treatment of Cancer Pain. , 2017, , 101-106.		1
84	Improved performance of naringenin herbosomes over naringenin in streptozotocin-induced diabetic rats: In vitro and in vivo evaluation. Asian Pacific Journal of Tropical Biomedicine, 2021, 11, 385.	1.2	1
85	Abrogation of cardiomyopathy in diabetic rats by escin â€œ possible role of NF-Î² and MCP-1. Archives of Physiology and Biochemistry, 2024, 130, 49-55.	2.1	1
86	Neuroprotective effect of Bauhinia variegata Linn. leaf extracts in streptozotocin induced diabetes in Sprague Dawley rats. Journal of Diabetes and Metabolic Disorders, 2021, 20, 1639-1645.	1.9	1
87	Toxicity of escin-triterpene saponins from Aesculus. Toxicological and Environmental Chemistry, 0, , 1-6.	1.2	1
88	Folic Acid in Pain: An Epigenetic Link. , 2017, , 245-251.		0
89	Fibromyalgia Syndrome. , 2017, , 53-63.		0
90	Beneficial Effects of Nuts From India in Cardiovascular Disorders. , 2020, , 453-469.		0

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91	Nitrogenous Compounds from Plant Origin in Management of Diabetes Mellitus. , 2021, , 235-249.		0
92	The effect of Madhumeha Kusumakar Rasa“ an Ayurved medicine” in insulin resistance. Journal of Complementary and Integrative Medicine, 2021, .	0.9	0
93	Vascular Endothelial Growth Factor and Inflammatory Airway Diseases: AnUpdate. , 2022, , 401-408.		0
94	Natural Products as an Effective Treatment Option for Depression. , 2018, , 225-250.		0
95	Attenuation of diabetic nephropathy by Triphala- a traditional formulation from Ayurveda. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-8-16.	0.0	0
96	Beneficial effects of formononetin in type 2 diabetic rats. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-5-33.	0.0	0
97	Antidiabetic effect of aqueous extract of flowering tops of Trifolium pratense L. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-5-30.	0.0	0
98	Migraine: Management and Treatment with Herbal Drugs. , 2018, , 151-171.		0
99	Insulin Therapy for Diabetes: Current Scenario and Future Perspectives. , 2019, , 293-318.		0
100	Molecular Targets of Angiogenesis and Future Potential of Anti-angiogenesis Therapy in Multiple Sclerosis. Anti-angiogenesis Drug Discovery and Development, 2019, , 137-161.	0.1	0
101	Medicinal Plants from Genus Costus in the Management of Diabetes. Phytotherapy in the Management of Diabetes and Hypertension, 2020, , 100-118.	0.2	0
102	Management of Diabetes Mellitus by Natural Products: Glucagon-like Peptide 1 Perspective. Phytotherapy in the Management of Diabetes and Hypertension, 2020, , 95-126.	0.2	0
103	Terpenes and Terpenoids in Management of Diabetes & Cardiovascular Diseases. Phytotherapy in the Management of Diabetes and Hypertension, 2020, , 127-165.	0.2	0
104	Cardioprotective effect of Hrudroga Chintamani Rasa in isoproterenol induced cardiotoxicity in male Sprague Dawley rats. Journal of Diabetes and Metabolic Disorders, 0, , 1.	1.9	0
105	Effect of Costus pictus per se and in combination with Metformin and Enalapril in streptozotocin induced diabetic nephropathy in rats. Journal of Diabetes and Metabolic Disorders, 0, , .	1.9	0