

Yogesh A Kulkarni

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

2,210
citations

257357

24
h-index

265120

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.	1.6	244
2	Pharmacokinetic, pharmacodynamic and formulations aspects of Naringenin: An update. <i>Life Sciences</i> , 2018, 215, 43-56.	2.0	158
3	VEGF and FGF-2: Promising targets for the treatment of respiratory disorders. <i>Respiratory Medicine</i> , 2019, 156, 33-46.	1.3	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.	1.6	93
5	Formononetin Treatment in Type 2 Diabetic Rats Reduces Insulin Resistance and Hyperglycemia. <i>Frontiers in Pharmacology</i> , 2018, 9, 739.	1.6	82
6	Neuroprotective Effect of Cardamom Oil Against Aluminum Induced Neurotoxicity in Rats. <i>Frontiers in Neurology</i> , 2019, 10, 399.	1.1	81
7	Tannins and vascular complications of Diabetes: An update. <i>Phytomedicine</i> , 2019, 56, 229-245.	2.3	72
8	Renal ischemia/reperfusion injury: An insight on in vitro and in vivo models. <i>Life Sciences</i> , 2020, 256, 117860.	2.0	69
9	Biochanin A improves insulin sensitivity and controls hyperglycemia in type 2 diabetes. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 1119-1127.	2.5	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.	1.2	60
11	Chemistry, pharmacokinetics, pharmacology and recent novel drug delivery systems of paeonol. <i>Life Sciences</i> , 2020, 250, 117544.	2.0	60
12	Formononetin attenuates kidney damage in type 2 diabetic rats. <i>Life Sciences</i> , 2019, 219, 109-121.	2.0	53
13	Gallic acid attenuates type I diabetic nephropathy in rats. <i>Chemico-Biological Interactions</i> , 2018, 282, 69-76.	1.7	51
14	Diabetic nephropathy: The regulatory interplay between epigenetics and microRNAs. <i>Pharmacological Research</i> , 2019, 141, 574-585.	3.1	49
15	Hyperglycemia to Nephropathy via Transforming Growth Factor Beta. <i>Current Diabetes Reviews</i> , 2014, 10, 182-189.	0.6	47
16	SIRT1-FOXOs activity regulates diabetic complications. <i>Pharmacological Research</i> , 2022, 175, 106014.	3.1	43
17	Attenuation of renal damage in type I diabetic rats by umbelliferone – a coumarin derivative. <i>Pharmacological Reports</i> , 2017, 69, 1263-1269.	1.5	35
18	ER stress response mediates diabetic microvascular complications. <i>Drug Discovery Today</i> , 2019, 24, 2247-2257.	3.2	34

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19	Systematic approaches for biodiagnostics using exhaled air. <i>Journal of Controlled Release</i> , 2017, 268, 282-295.	4.8	33
20	Pharmacology of apocynin: a natural acetophenone. <i>Drug Metabolism Reviews</i> , 2021, 53, 542-562.	1.5	32
21	NADPH oxidase: A membrane-bound enzyme and its inhibitors in diabetic complications. <i>European Journal of Pharmacology</i> , 2020, 881, 173206.	1.7	32
22	Toxicological studies on aqueous extract of <i>Gmelina arborea</i> in rodents. <i>Pharmaceutical Biology</i> , 2010, 48, 1413-1420.	1.3	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.	0.9	28
24	Formononetin Ameliorates Diabetic Neuropathy by Increasing Expression of SIRT1 and NGF. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000162.	1.0	27
25	Esculetin: A phytochemical endeavor fortifying effect against non-communicable diseases. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 1442-1448.	2.5	25
26	<i>Bauhinia variegata</i> (Caesalpinaceae) leaf extract: An effective treatment option in type I and type II diabetes. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 122-129.	2.5	25
27	Daidzein ameliorates diabetic retinopathy in experimental animals. <i>Life Sciences</i> , 2021, 265, 118779.	2.0	22
28	Therapeutic potential and recent delivery systems of berberine: A wonder molecule. <i>Journal of Functional Foods</i> , 2019, 61, 103517.	1.6	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.	2.0	21
30	Daidzein mitigates myocardial injury in streptozotocin-induced diabetes in rats. <i>Life Sciences</i> , 2021, 284, 119664.	2.0	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.	0.9	19
33	Potential Biomarkers in Diabetic Retinopathy. <i>Current Diabetes Reviews</i> , 2020, 16, 971-983.	0.6	19
34	Eugenol ameliorates renal damage in streptozotocin-induced diabetic rats. <i>Flavour and Fragrance Journal</i> , 2017, 32, 54-62.	1.2	18
35	<i>In-vivo</i> and <i>in-silico</i> toxicity studies of daidzein: an isoflavone from soy. <i>Drug and Chemical Toxicology</i> , 2022, 45, 1408-1416.	1.2	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.	0.9	17

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37	Role of dietary modifications in the management of type 2 diabetic complications. <i>Pharmacological Research</i> , 2021, 168, 105602.	3.1	17
38	Anticancer activity of methylene blue via inhibition of heat shock protein 70. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 1037-1045.	2.5	16
39	<i>Trifolium pratense</i> (Red Clover) Improve SIRT1 Expression and Glycogen Content in High Fat Diet-Induced Type 2 Diabetes in Rats. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000019.	1.0	16
40	Neuroprotective effect of paeonol in streptozotocin-induced diabetes in rats. <i>Life Sciences</i> , 2021, 271, 119202.	2.0	16
41	Toxicity study of ethanolic extract of <i>Acorus calamus</i> rhizome. <i>International Journal of Green Pharmacy</i> , 2012, 6, 29.	0.1	15
42	Effects of <i>Gmelina arborea</i> extract on experimentally induced diabetes. <i>Asian Pacific Journal of Tropical Medicine</i> , 2013, 6, 602-608.	0.4	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. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000422.	1.0	14
45	Nanostructured polymer-based cochleates for effective transportation of insulin. <i>Journal of Molecular Liquids</i> , 2020, 311, 113352.	2.3	14
46	Lurasidone- β -cyclodextrin complexes: Physicochemical characterization and comparison of their antidepressant, antipsychotic activities against that of self microemulsifying formulation. <i>Journal of Molecular Structure</i> , 2018, 1157, 395-400.	1.8	13
47	Escin alleviates peripheral neuropathy in streptozotocin induced diabetes in rats. <i>Life Sciences</i> , 2020, 254, 117777.	2.0	13
48	Effect of <i>Bauhinia variegata</i> Linn. (Caesalpinaceae) extract in streptozotocin induced type I diabetic rats. <i>Oriental Pharmacy and Experimental Medicine</i> , 2015, 15, 191-198.	1.2	12
49	Triphala Ameliorates Nephropathy via Inhibition of TGF- β 1 and Oxidative Stress in Diabetic Rats. <i>Pharmacology</i> , 2020, 105, 681-691.	0.9	12
50	PARP ¹ inhibition: repurposing poly (ADP ribose) polymerase (PARP) inhibitors. <i>Drug Discovery Today</i> , 2020, 25, 1253-1261.	3.2	12
51	Triphala Churna—A Traditional Formulation in Ayurveda Mitigates Diabetic Neuropathy in Rats. <i>Frontiers in Pharmacology</i> , 2021, 12, 662000.	1.6	12
52	Attenuation of Cardiac Autonomic Neuropathy by Escin in Diabetic Rats. <i>Pharmacology</i> , 2021, 106, 211-217.	0.9	11
53	Water Soluble Vitamins and their Role in Diabetes and its Complications. <i>Current Diabetes Reviews</i> , 2020, 16, 649-656.	0.6	11
54	Nanoparticles: A Neurotoxicological Perspective. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 14, 1317-1327.	0.8	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.	2.5	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.	0.6	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.	1.3	9
58	Biomarkers in diabetic neuropathy. <i>Archives of Physiology and Biochemistry</i> , 2023, 129, 460-475.	1.0	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.	1.0	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.	1.5	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, .	0.3	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.	1.5	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.	1.4	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.	0.6	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.	0.5	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.	0.5	4
68	Bio-inspired nano-engineered strip for semiquantitative FeNO analysis. <i>Journal of Breath Research</i> , 2019, 13, 046002.	1.5	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.	1.2	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.	2.5	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 as a Food Colorant and Its Application in Pharmacokinetic Study. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000223.	1.0	3
74	Sodium copper chlorophyllin attenuates adenine-induced chronic kidney disease via suppression of TGF-beta and inflammatory cytokines. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 2029-2041.	1.4	3
75	Glycosides from Natural Sources in the Treatment of Diabetes Mellitus. , 2021, , 81-102.		3
76	Daidzein Attenuates Kidney Damage in Diabetic Rats. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	3
77	Vascular adhesion protein-1 and microvascular diabetic complications. <i>Pharmacological Reports</i> , 2022, 74, 40-46.	1.5	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. <i>Current Molecular Pharmacology</i> , 2023, 16, 139-146.	0.7	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. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2021, 11, 385.	0.5	1
85	Abrogation of cardiomyopathy in diabetic rats by escin as possible role of NF- κ B and MCP-1. <i>Archives of Physiology and Biochemistry</i> , 2024, 130, 49-55.	1.0	1
86	Neuroprotective effect of Bauhinia variegata Linn. leaf extracts in streptozotocin induced diabetes in Sprague Dawley rats. <i>Journal of Diabetes and Metabolic Disorders</i> , 2021, 20, 1639-1645.	0.8	1
87	Toxicity of escin-triterpene saponins from Aesculus. <i>Toxicological and Environmental Chemistry</i> , 0, , 1-6.	0.6	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, .	0.4	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.	0.8	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, , .	0.8	0