

# Amit D Kandhare

## List of Publications by Year in descending order

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96  
papers

3,985  
citations

76196

40  
h-index

133063

59  
g-index

96  
all docs

96  
docs citations

96  
times ranked

3650  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroprotective effect of naringin by modulation of endogenous biomarkers in streptozotocin induced painful diabetic neuropathy. <i>Farmacologia</i> , 2012, 83, 650-659.	1.1	189
2	Hesperidin, a flavanoglycone attenuates experimental diabetic neuropathy via modulation of cellular and biochemical marker to improve nerve functions. <i>Pharmaceutical Biology</i> , 2014, 52, 814-828.	1.3	129
3	Naringin, a flavanone glycoside, promotes angiogenesis and inhibits endothelial apoptosis through modulation of inflammatory and growth factor expression in diabetic foot ulcer in rats. <i>Chemico-Biological Interactions</i> , 2014, 219, 101-112.	1.7	127
4	Effect of glycosides based standardized fenugreek seed extract in bleomycin-induced pulmonary fibrosis in rats: Decisive role of Bax, Nrf2, NF- $\kappa$ B, Muc5ac, TNF- $\alpha$ and IL-1 $\beta$ . <i>Chemico-Biological Interactions</i> , 2015, 237, 151-165.	1.7	122
5	Naringin ameliorates sodium arsenite-induced renal and hepatic toxicity in rats: decisive role of KIM-1, Caspase-3, TGF- $\beta$ 2, and TNF- $\alpha$ . <i>Renal Failure</i> , 2015, 37, 1396-1407.	0.8	100
6	Wound healing potential of naringin ointment formulation via regulating the expression of inflammatory, apoptotic and growth mediators in experimental rats. <i>Pharmaceutical Biology</i> , 2016, 54, 419-432.	1.3	96
7	Anti-arthritis and anti-inflammatory activity of <i>Xanthium srtumarium</i> L. ethanolic extract in Freund's complete adjuvant induced arthritis. <i>Biomedicine and Aging Pathology</i> , 2012, 2, 6-15.	0.8	95
8	Ameliorative effect of berberine against gentamicin-induced nephrotoxicity in rats via attenuation of oxidative stress, inflammation, apoptosis and mitochondrial dysfunction. <i>Renal Failure</i> , 2016, 38, 996-1006.	0.8	91
9	Evaluation of ameliorative effect of quercetin in experimental model of alcoholic neuropathy in rats. <i>Inflammopharmacology</i> , 2012, 20, 331-341.	1.9	88
10	Isolates of <i>Alpinia officinarum</i> Hance as COX-2 inhibitors: Evidence from anti-inflammatory, antioxidant and molecular docking studies. <i>International Immunopharmacology</i> , 2016, 33, 8-17.	1.7	88
11	Effect of hydroalcoholic extract of <i>Hibiscus rosa sinensis</i> Linn. leaves in experimental colitis in rats. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, 337-344.	0.5	87
12	Therapeutic role of curcumin in prevention of biochemical and behavioral aberration induced by alcoholic neuropathy in laboratory animals. <i>Neuroscience Letters</i> , 2012, 511, 18-22.	1.0	85
13	Acute and sub-chronic oral toxicity studies of hesperidin isolated from orange peel extract in Sprague Dawley rats. <i>Regulatory Toxicology and Pharmacology</i> , 2019, 105, 77-85.	1.3	82
14	A systematic literature review of fenugreek seed toxicity by using ToxRTool: evidence from preclinical and clinical studies. <i>Heliyon</i> , 2019, 5, e01536.	1.4	81
15	Evaluation of the neuroprotective effect of chrysin via modulation of endogenous biomarkers in a rat model of spinal cord injury. <i>Journal of Natural Medicines</i> , 2014, 68, 586-603.	1.1	77
16	Anti-asthmatic effects of type-A procyanidine polyphenols from cinnamon bark in ovalbumin-induced airway hyperresponsiveness in laboratory animals. <i>Biomedicine and Aging Pathology</i> , 2013, 3, 23-30.	0.8	73
17	Naringin ameliorates acetic acid induced colitis through modulation of endogenous oxido-nitrosative balance and DNA damage in rats. <i>Journal of Biomedical Research</i> , 2014, 28, 132.	0.7	73
18	Elucidation of molecular mechanism involved in neuroprotective effect of <i>Quercetin</i> in alcohol-induced neuropathic pain. <i>Fundamental and Clinical Pharmacology</i> , 2013, 27, 603-622.	1.0	70

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19	Ameliorative effect of naringin in acetaminophen-induced hepatic and renal toxicity in laboratory rats: role of FXR and KIM-1. <i>Renal Failure</i> , 2016, 38, 1007-1020.	0.8	66
20	Ameliorative effects quercetin against impaired motor nerve function, inflammatory mediators and apoptosis in neonatal streptozotocin-induced diabetic neuropathy in rats. <i>Biomedicine and Aging Pathology</i> , 2012, 2, 173-186.	0.8	63
21	Renoprotective effect of berberine via intonation on apoptosis and mitochondrial-dependent pathway in renal ischemia reperfusion-induced mutilation. <i>Renal Failure</i> , 2015, 37, 482-493.	0.8	63
22	<i>Artemisia pallens</i> alleviates acetaminophen induced toxicity via modulation of endogenous biomarkers. <i>Pharmaceutical Biology</i> , 2015, 53, 571-581.	1.3	63
23	Neuroprotective effect of naringin, a flavone glycoside in quinolinic acid-induced neurotoxicity: Possible role of PPAR- $\beta$ , Bax/Bcl-2, and caspase-3. <i>Food and Chemical Toxicology</i> , 2018, 121, 95-108.	1.8	63
24	Anti-allergic Effect of Intranasal Administration of Type-A Procyanidin Polyphenols Based Standardized Extract of Cinnamon Bark in Ovalbumin Sensitized BALB/c Mice. <i>Phytotherapy Research</i> , 2015, 29, 423-433.	2.8	61
25	Acute and repeated doses (28 days) oral toxicity study of glycosides based standardized fenugreek seed extract in laboratory mice. <i>Regulatory Toxicology and Pharmacology</i> , 2015, 72, 323-334.	1.3	61
26	Anticonvulsant effect of fisetin by modulation of endogenous biomarkers. <i>Biomedicine and Preventive Nutrition</i> , 2012, 2, 215-222.	0.9	59
27	Elucidation of ameliorative effect of Co-enzyme Q10 in streptozotocin-induced diabetic neuropathic perturbation by modulation of electrophysiological, biochemical and behavioral markers. <i>Biomedicine and Aging Pathology</i> , 2012, 2, 157-172.	0.8	59
28	Pharmacological evaluation of ethanolic extract of <i>Daucus carota</i> Linn root formulated cream on wound healing using excision and incision wound model. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, S646-S655.	0.5	59
29	Effect of low molecular weight galactomannans from fenugreek seeds on animal models of diabetes mellitus. <i>Biomedicine and Aging Pathology</i> , 2013, 3, 145-151.	0.8	59
30	Protective effect of <i>Phyllanthus amarus</i> by modulation of endogenous biomarkers and DNA damage in acetic acid induced ulcerative colitis: Role of phyllanthin and hypophyllanthin. <i>Apollo Medicine</i> , 2013, 10, 87-97.	0.0	57
31	Cardioprotective Activity of <i>Pongamia pinnata</i> in Streptozotocin-Nicotinamide Induced Diabetic Rats. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	52
32	Omega-3-fatty acid adds to the protective effect of flax lignan concentrate in pressure overload-induced myocardial hypertrophy in rats via modulation of oxidative stress and apoptosis. <i>International Immunopharmacology</i> , 2015, 28, 751-763.	1.7	52
33	Hepatoprotective effect of withanolide-rich fraction in acetaminophen-intoxicated rat: decisive role of TNF- $\alpha$ , IL-1 $\beta$ , COX-II and iNOS. <i>Pharmaceutical Biology</i> , 2016, 54, 2394-2403.	1.3	50
34	Sodium arsenite-induced myocardial bruise in rats: Ameliorative effect of naringin via TGF- $\beta$ /Smad and Nrf/HO pathways. <i>Chemico-Biological Interactions</i> , 2016, 253, 66-77.	1.7	50
35	Effect of anti-diabetic drugs on bone metabolism: Evidence from preclinical and clinical studies. <i>Pharmacological Reports</i> , 2017, 69, 1328-1340.	1.5	49
36	Oral $\alpha$ -glutamine administration attenuated cutaneous wound healing in Wistar rats. <i>International Wound Journal</i> , 2016, 13, 116-124.	1.3	48

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37	<scp>l</scp>-Arginine attenuates the ethylene glycol induced urolithiasis in inephrectomized hypertensive rats: role of KIM-1, NGAL, and NOs. <i>Renal Failure</i> , 2015, 37, 709-721.	0.8	47
38	The ameliorative effect of fisetin, a bioflavonoid, on ethanol-induced and pylorus ligation-induced gastric ulcer in rats. <i>International Journal of Green Pharmacy</i> , 2011, 5, 236.	0.1	46
39	Hesperidin, a plant flavonoid accelerated the cutaneous wound healing in streptozotocin-induced diabetic rats: Role of TGF- $\beta$ /Smads and Ang-1/Tie-2 signaling pathways. <i>EXCLI Journal</i> , 2018, 17, 399-419.	0.5	45
40	Effect of aqueous extract of <i>Cucumis sativus</i> Linn. fruit in ulcerative colitis in laboratory animals. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, S962-S969.	0.5	44
41	Pharmacological evaluation of ameliorative effect of aqueous extract of <i>Cucumis sativus</i> L. fruit formulation on wound healing in Wistar rats. <i>Chronicles of Young Scientists</i> , 2011, 2, 207.	0.4	42
42	Endothelin receptor blocker bosentan inhibits hypertensive cardiac fibrosis in pressure overload-induced cardiac hypertrophy in rats. <i>Cardiovascular Endocrinology</i> , 2013, 2, 85-97.	0.8	39
43	Alleviating exercise-induced muscular stress using neat and processed bee pollen: oxidative markers, mitochondrial enzymes, and myostatin expression in rats. <i>Integrative Medicine Research</i> , 2015, 4, 147-160.	0.7	39
44	Protective Effect of Naringin on Sodium Arsenite Induced Testicular Toxicity via Modulation of Biochemical Perturbations in Experimental Rats. <i>Pharmacologia</i> , 2014, 5, 222-234.	0.3	38
45	Investigation of gastro protective activity of <i>Xanthium strumarium</i> L. by modulation of cellular and biochemical marker. <i>Oriental Pharmacy and Experimental Medicine</i> , 2012, 12, 287-299.	1.2	35
46	Ameliorative effects of <i>Artemisia pallens</i> in a murine model of ovalbumin-induced allergic asthma via modulation of biochemical perturbations. <i>Biomedicine and Pharmacotherapy</i> , 2017, 94, 880-889.	2.5	34
47	Antioxidant for treatment of diabetic nephropathy: A systematic review and meta-analysis. <i>Chemico-Biological Interactions</i> , 2017, 278, 212-221.	1.7	33
48	Anti-inflammatory and antioxidant potential of Guaianolide isolated from <i>Cyathocline purpurea</i> : Role of COX-2 inhibition. <i>International Immunopharmacology</i> , 2017, 52, 110-118.	1.7	32
49	Hesperidin ameliorates bleomycin-induced experimental pulmonary fibrosis via inhibition of TGF- $\beta$ 1/Smad3/AMPK and $\text{I}\kappa\text{B}\alpha$ /NF- $\kappa\text{B}$ pathways. <i>EXCLI Journal</i> , 2019, 18, 723-745.	0.5	32
50	Therapeutic effect of <i>H. pylori</i> nosode, a homeopathic preparation in healing of chronic <i>H. pylori</i> infected ulcers in laboratory animals. <i>Asian Pacific Journal of Tropical Disease</i> , 2012, 2, S603-S611.	0.5	31
51	Evaluation of the bioavailability of major withanolides of <i>Withania somnifera</i> using an in vitro absorption model system. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2015, 6, 159.	0.4	29
52	Effect of naringin on hemodynamic changes and left ventricular function in renal artery occluded renovascular hypertension in rats. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2015, 7, 121.	0.2	28
53	Fisetin, a plant flavonoid ameliorates doxorubicin-induced cardiotoxicity in experimental rats: the decisive role of caspase-3, COX-II, cTn-I, iNOs and TNF- $\alpha$ . <i>Molecular Biology Reports</i> , 2019, 46, 105-118.	1.0	28
54	Determination of role of GABA and nitric oxide in anticonvulsant activity of <i>Fragaria vesca</i> L. ethanolic extract in chemically induced epilepsy in laboratory animals. <i>Oriental Pharmacy and Experimental Medicine</i> , 2012, 12, 255-264.	1.2	26

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55	Gastroprotective potential of Pentahydroxy flavone isolated from <i>Madhuca indica</i> J. F. Gmel. leaves against acetic acid-induced ulcer in rats: The role of oxido-inflammatory and prostaglandins markers. <i>Journal of Ethnopharmacology</i> , 2016, 182, 150-159.	2.0	26
56	Pioglitazone-induced bone loss in diabetic rats and its amelioration by berberine: A portrait of molecular crosstalk. <i>Biomedicine and Pharmacotherapy</i> , 2017, 94, 1010-1019.	2.5	26
57	Elucidation of protective efficacy of Pentahydroxy flavone isolated from <i>Madhuca indica</i> against arsenite-induced cardiomyopathy: Role of Nrf-2, PPAR- $\beta$ , c-fos and c-jun. <i>Environmental Toxicology and Pharmacology</i> , 2017, 56, 172-185.	2.0	25
58	Antiulcer Potential of Morin in Acetic acid-Induced Gastric Ulcer via Modulation of Endogenous Biomarkers in Laboratory Animals. <i>Pharmacologia</i> , 2015, 6, 273-281.	0.3	24
59	Determination of the long term diabetes related complications and cardiovascular events using UKPDS risk engine and UKPDS outcomes model in a representative western Indian population. <i>Asian Pacific Journal of Tropical Disease</i> , 2012, 2, S642-S650.	0.5	23
60	Efficacy of antioxidant in idiopathic pulmonary fibrosis: A systematic review and meta-analysis. <i>EXCLI Journal</i> , 2016, 15, 636-651.	0.5	23
61	Ferulic acid ameliorates doxorubicin-induced cardiac toxicity in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2019, 392, 659-668.	1.4	21
62	Prophylactic efficacy and possible mechanisms of oligosaccharides based standardized fenugreek seed extract on high-fat diet-induced insulin resistance in C57BL/6 mice. <i>Journal of Applied Pharmaceutical Science</i> , 0, , 035-045.	0.7	20
63	Morin ameliorates ovalbumin-induced allergic rhinitis via inhibition of STAT6/SOCS1 and GATA3/T-bet signaling pathway in BALB/c mice. <i>Journal of Functional Foods</i> , 2019, 55, 391-401.	1.6	20
64	Therapeutic Potential of Morin in Ovalbumin-induced Allergic Asthma Via Modulation of SUMF2/IL-13 and BLT2/NF- $\kappa$ B Signaling Pathway. <i>Current Molecular Pharmacology</i> , 2019, 12, 122-138.	0.7	20
65	Design of selective TACE inhibitors using molecular docking studies: Synthesis and preliminary evaluation of anti-inflammatory and TACE inhibitory activity. SAR and QSAR in Environmental Research, 2015, 26, 905-923.	1.0	19
66	Diarylheptanoid, a constituent isolated from methanol extract of <i>Alpinia officinarum</i> attenuates TNF- $\alpha$ level in Freund's complete adjuvant-induced arthritis in rats. <i>Journal of Ethnopharmacology</i> , 2019, 229, 233-245.	2.0	19
67	Determination of efficacy, adverse drug reactions and cost effectiveness of three triple drug regimens for the treatment of <i>Helicobacter pylori</i> infected acid peptic disease patients. <i>Asian Pacific Journal of Tropical Disease</i> , 2012, 2, S783-S789.	0.5	17
68	Acute and repeated doses (28 days) oral toxicity study of Vicenin-1, a flavonoid glycoside isolated from fenugreek seeds in laboratory mice. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 81, 522-531.	1.3	17
69	Ameliorative effects of type-A procyanidins polyphenols from cinnamon bark in compound 48/80-induced mast cell degranulation. <i>Anatomy and Cell Biology</i> , 2017, 50, 275.	0.5	17
70	Neuroprotective effect of <i>Azadirachta indica</i> standardized extract in partial sciatic nerve injury in rats: Evidence from anti-inflammatory, antioxidant and anti-apoptotic studies. <i>EXCLI Journal</i> , 2017, 16, 546-565.	0.5	17
71	Attenuation of reserpine-induced fibromyalgia via ROS and serotonergic pathway modulation by fisetin, a plant flavonoid polyphenol. <i>Experimental and Therapeutic Medicine</i> , 2020, 19, 1343-1355.	0.8	17
72	Study of Methanolic Extract of <i>Artemisia pallens</i> Wall on Endurance of Laboratory Animals. <i>Pharmacologia</i> , 2014, 5, 298-309.	0.3	17

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73	Pioglitazone and risk of bladder cancer in type 2 diabetes mellitus patients: A systematic literature review and meta-analysis of observational studies using real-world data. <i>Clinical Epidemiology and Global Health</i> , 2018, 6, 61-68.	0.9	16
74	Toxicological evaluation of a flavonoid, chrysin: morphological, behavioral, biochemical and histopathological assessments in rats. <i>Drug and Chemical Toxicology</i> , 2021, 44, 601-612.	1.2	16
75	Novel Thioester Prodrug of N-acetylcysteine for Odor Masking and Bioavailability Enhancement. <i>Current Drug Delivery</i> , 2016, 13, 611-620.	0.8	15
76	Ameliorative Effect of Ferulic Acid Against Acetic Acid Induced Ulcerative Colitis: Role of HO-1 and Nrf2. <i>Pharmacologia</i> , 2016, 7, 114-124.	0.3	15
77	Determination of clinical outcome and pharmacoeconomics of anti-rheumatoid arthritis therapy using CDAI, EQ-5D-3L and EQ-VAS as indices of disease amelioration. <i>Asian Pacific Journal of Tropical Disease</i> , 2012, 2, S671-S678.	0.5	13
78	Low molecular weight galactomannans-based standardized fenugreek seed extract ameliorates high-fat diet-induced obesity in mice via modulation of FASn, IL-6, leptin, and TRIP-Br2. <i>RSC Advances</i> , 2018, 8, 32401-32416.	1.7	13
79	Pharmacokinetics, tissue distribution and excretion study of a furostanol glycoside-based standardized fenugreek seed extract in rats. <i>Renal Failure</i> , 2015, 37, 1208-1218.	0.8	10
80	Anti-epileptic effect of morin against experimental pentylenetetrazol-induced seizures via modulating brain monoamines and oxidative stress. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2018, 8, 352.	0.5	10
81	Efficacy and safety of herbal formulation rich in standardized fenugreek seed extract as add-on supplementation in patients with type 2 diabetes mellitus on sulfonylurea therapy: A 12-week, randomized, double-blind, placebo-controlled, multi-center study. <i>Pharmacognosy Magazine</i> , 2018, 14, 393.	0.3	10
82	Development and validation of HPLC method for vicenin-1 isolated from fenugreek seeds in rat plasma: application to pharmacokinetic, tissue distribution and excretion studies. <i>Pharmaceutical Biology</i> , 2016, 54, 2575-2583.	1.3	9
83	Glycosides based standardized fenugreek seed extract ameliorates bleomycin-induced liver fibrosis in rats via modulation of endogenous enzymes. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2017, 9, 185.	0.2	9
84	Evaluation of health-related quality of life in hemolytic uraemic syndrome patients treated with eculizumab: a systematic evaluation on basis of EMPRO. <i>Renal Failure</i> , 2018, 40, 107-118.	0.8	8
85	Ameliorative effect of morin, a plant flavonoid against Freund's complete adjuvant-induced polyarthritis in rats. <i>Pharmacognosy Magazine</i> , 2019, 15, 43.	0.3	8
86	Add-on therapy of herbal formulation rich in standardized fenugreek seed extract in type 2 diabetes mellitus patients with insulin therapy: An efficacy and safety study. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2018, 8, 446.	0.5	7
87	Elucidation of the molecular mechanism of tempol in pentylenetetrazol-induced epilepsy in mice: Role of gamma-aminobutyric acid, tumor necrosis factor-alpha, interleukin-1 $\beta$ and c-Fos. <i>Pharmacognosy Magazine</i> , 2018, 14, 520.	0.3	6
88	Ameliorative Effect of Alkaloidal Fraction of Leaves of <i>Alstonia scholaris</i> Against Acetic Acid Induced Colitis via Modulation of Oxido-nitrosative and Pro-inflammatory Cytokines. <i>Pharmacologia</i> , 2016, 7, 170-181.	0.3	6
89	Apigenin attenuated ethylene glycol induced urolithiasis in uninephrectomized hypertensive rats: A possible role of bikunin, BMP-2/4, and osteopontin. <i>Pharmacognosy Magazine</i> , 2020, 16, 455.	0.3	5
90	Chrysin ameliorates ovalbumin-induced allergic response in allergic rhinitis: Potential role of GATA-3, T-box protein expressed in T cells, nuclear factor-kappa B, and nuclear factor erythroid 2-related factor 2. <i>Pharmacognosy Magazine</i> , 2020, 16, 335.	0.3	3

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91	Efficacy of Antioxidant Supplements on Prevention and Amelioration of Cisplatin-Induced Nephrotoxicity: A Systematic Review and Meta-analysis of Randomized Controlled Trials. Jundishapur Journal of Natural Pharmaceutical Products, 2019, 14, .	0.3	2
92	Morin attenuates airway hyperresponsiveness of allergic asthma via down regulation of immune-inflammatory biomarkers. Frontiers in Immunology, 0, 4, .	2.2	1
93	PGI3 Determination of Efficacy, Adverse Drug Reactions and Cost Effectiveness of Three Triple Drug Regimens for the Treatment of H. Pylori Infected Acid Peptic Disease Patients. Value in Health, 2012, 15, A635.	0.1	0
94	PMS19 Investigation of Comparative Clinical Outcomes Profiles and Cost Effectiveness of Four Classes of Anti Arthritic Drugs Using HAQ DI, DAS -28 and EQ5D3L in a Tertiary Care Hospital in Western India. Value in Health, 2012, 15, A674.	0.1	0
95	P3â€491: NEUROPROTECTIVE EFFECT OF NARINGIN IN QUINOLINIC ACIDâ€INDUCED HUNTINGTON'S DISEASE: ROLE OF BAX/BCLâ€2 AND CASPASEâ€3. Alzheimer's and Dementia, 2018, 14, P1310.	0.4	0
96	Toxicity of orange peel-originated hesperidin in Sprague Dawley rats. Regulatory Toxicology and Pharmacology, 2020, 110, 104520.	1.3	0