Amita Verma

List of Publications by Year
in descending order

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92	2,105	201575	289141
papers	citations	27	40
		h-index	g-index

99	99	99	2694
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Plant profile, phytochemistry and pharmacology of Asparagus racemosus (Shatavari): A review. Asian Pacific Journal of Tropical Disease, 2013, 3, 242-251.	0.5	130
2	Herbal antioxidant in clinical practice: A review. Asian Pacific Journal of Tropical Biomedicine, 2014, 4, 78-84.	0.5	90
3	Moxifloxacin loaded gelatin nanoparticles for ocular delivery: Formulation and in - vitro , in - vivo evaluation. Journal of Colloid and Interface Science, 2016, 483, 132-138.	5.0	86
4	Fabrication, optimization, and characterization of umbelliferone β-D-galactopyranoside-loaded PLGA nanoparticles in treatment of hepatocellular carcinoma: in vitro and in vivo studies. International Journal of Nanomedicine, 2017, Volume 12, 6747-6758.	3.3	67
5	Lead finding from Phyllanthus debelis with hepatoprotective potentials. Asian Pacific Journal of Tropical Biomedicine, 2012, 2, S1735-S1737.	0.5	62
6	Nanosponges: a potential nanocarrier for novel drug delivery-a review. Asian Pacific Journal of Tropical Disease, 2014, 4, S519-S526.	0.5	59
7	Design and discovery of novel monastrol-1,3,5-triazines as potent anti-breast cancer agent via attenuating Epidermal Growth Factor Receptor tyrosine kinase. Scientific Reports, 2017, 7, 5851.	1.6	52
8	Antidiabetic, antioxidant, antihyperlipidemic effect of extract of Euryale ferox salisb. with enhanced histopathology of pancreas, liver and kidney in streptozotocin induced diabetic rats. SpringerPlus, 2015, 4, 315.	1.2	51
9	Development of surface-engineered PLGA nanoparticulate-delivery system of Tet-1-conjugated nattokinase enzyme for inhibition of Aβ₄₀ plaques in Alzheimer’s disease. International Journal of Nanomedicine, 2017, Volume 12, 8749-8768.	3.3	51
10	Pathophysiology of kidney, gallbladder and urinary stones treatment with herbal and allopathic medicine: A review. Asian Pacific Journal of Tropical Disease, 2013, 3, 496-504.	0.5	48
11	Triterpenoids principle of Wedelia calendulacea attenuated diethynitrosamine-induced hepatocellular carcinoma via down-regulating oxidative stress, inflammation and pathology via NF-kB pathway. Inflammopharmacology, 2018, 26, 133-146.	1.9	45
12	Antioxidant and anti-inflammatory properties of Prosopis cineraria based phenolic rich ointment in wound healing. Biomedicine and Pharmacotherapy, 2018, 108, 1572-1583.	2.5	45
13	New insights into the medicinal importance, physiological functions and bioanalytical aspects of an important bioactive compound of foods â€˜Hyperinâ€™: Health benefits of the past, the present, the future. Beni-Suef University Journal of Basic and Applied Sciences, 2018, 7, 31-42.	0.8	43
14	In vitro, in vivo and pharmacokinetic assessment of amikacin sulphate laden polymeric nanoparticles meant for controlled ocular drug delivery. Applied Nanoscience (Switzerland), 2015, 5, 143-155.	1.6	42
15	Paederia foetida Linn. inhibits adjuvant induced arthritis by suppression of PGE₂and COX-2 expression via nuclear factor-ÎºB. Food and Function, 2015, 6, 1652-1666.	2.1	41
16	Phytoconstituents as pharmacotherapeutics in rheumatoid arthritis: challenges and scope of nano/submicromedicine in its effective delivery. Journal of Pharmacy and Pharmacology, 2016, 69, 1-14.	1.2	41
17	Ameliorative effect of biofabricated ZnO nanoparticles of <i>Trianthema portulacastrum</i> Linn. on dermal wounds <i>via</i> removal of oxidative stress and inflammation. RSC Advances, 2018, 8, 21621-21635.	1.7	40
18	Therapeutic Applications of Liposomal Based Drug Delivery and Drug Targeting for Immune Linked Inflammatory Maladies: A Contemporary View Point. Current Drug Targets, 2017, 18, 1558-1571.	1.0	40

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19	Anti-hyperglycemic activity of leaves extract of Hyptis suaveolens L. Poit in streptozotocin induced diabetic rats. Asian Pacific Journal of Tropical Medicine, 2011, 4, 689-693.	0.4	38
20	Amelioration of diethylnitrosamine (DEN)-induced hepatocellular carcinogenesis in animal modelsviaknockdown oxidative stress and proinflammatory markers byMadhuca longifoliaembedded silver nanoparticles. RSC Advances, 2018, 8, 6940-6953.	1.7	36
21	Rhamnazin: A Systematic Review on Ethnopharmacology, Pharmacology and Analytical Aspects of an Important Phytomedicine. Current Traditional Medicine, 2018, 4, 120-127.	0.1	31
22	Deconvoluting the dual hypoglycemic effect of wedelolactone isolated fromWedelia calendulacea: investigationviaexperimental validation and molecular docking. RSC Advances, 2018, 8, 18180-18196.	1.7	30
23	Î²-sitosterol: Bioactive Compounds in Foods, their Role in Health Promotion and Disease Prevention â€œA Concise Report of its Phytopharmaceutical Importanceâ€. Current Traditional Medicine, 2017, 3, .	0.1	30
24	Attenuation of diethylnitrosamine (DEN) â€“ Induced hepatic cancer in experimental model of Wistar rats by Carissa carandas embedded silver nanoparticles. Biomedicine and Pharmacotherapy, 2018, 108, 757-765.	2.5	29
25	Amarogentin as Topical Anticancer and Anti-Infective Potential: Scope of Lipid Based Vesicular in its Effective Delivery. Recent Patents on Anti-infective Drug Discovery, 2019, 14, 7-15.	0.5	29
26	Phenyl hydrazone bearing pyrazole and pyrimidine scaffolds: design and discovery of a novel class of non-nucleoside reverse transcriptase inhibitors (NNRTIs) against HIV-1 and their antibacterial properties. RSC Advances, 2013, 3, 17335.	1.7	28
27	Attenuation of dermal wounds via downregulating oxidative stress and inflammatory markers by protocatechuic acid rich n-butanol fraction of Trianthema portulacastrum Linn. in wistar albino rats. Biomedicine and Pharmacotherapy, 2017, 96, 86-97.	2.5	28
28	Chemomodulatory effect Melastoma Malabathricum Linn against chemically induced renal carcinogenesis rats via attenuation of inflammation, oxidative stress, and early markers of tumor expansion. Inflammopharmacology, 2016, 24, 233-251.	1.9	27
29	Umbelliferone Î²-<scp>d</scp>-galactopyranoside exerts an anti-inflammatory effect by attenuating COX-1 and COX-2. Toxicology Research, 2015, 4, 1072-1084.	0.9	26
30	Umbelliferon-Î±-d-glucopyranosyl-(2Iâ†' 1II)-Î±-Dglucopyranoside ameliorates Diethylnitrosamine induced precancerous lesion development in liver via regulation of inflammation, hyperproliferation and antioxidant at pre-clinical stage. Biomedicine and Pharmacotherapy, 2017, 94, 834-842.	2.5	25
31	Efficient synthesis, anticonvulsant and muscle relaxant activities of new 2-((5-amino-1,3,4-thiadiazol-2-yl)methyl)-6-phenyl-4,5-dihydropyridazin-3(2H)-one derivatives. Medicinal Chemistry Research, 2014, 23, 146-157.	1.1	23
32	2Î²-hydroxybetulinic acid 3Î²-caprylate: an active principle from Euryale Ferox Salisb. seeds with antidiabetic, antioxidant, pancreas & hepatoprotective potential in streptozotocin induced diabetic rats. Journal of Food Science and Technology, 2015, 52, 5427-5441.	1.4	23
33	Î±-Mangostin Mediated Pharmacological Modulation of Hepatic Carbohydrate Metabolism in Diabetes Induced Wistar Rat. Beni-Suef University Journal of Basic and Applied Sciences, 2016, 5, 255-276.	0.8	22
34	Novel glycoside from Wedelia calendulacea inhibits diethyl nitrosamine-induced renal cancer via downregulating the COX-2 and PEG2 through nuclear factor-Î°B pathway. Inflammopharmacology, 2017, 25, 159-175.	1.9	22
35	Health Benefits of Furanocoumarins â€˜Psoralidinâ€™ An Active Phytochemical of Psoralea corylifolia: The Present, Past and Future Scenario. Current Bioactive Compounds, 2019, 15, 369-376.	0.2	21
36	Quinazoline clubbed 1,3,5-triazine derivatives as VEGFR2 kinase inhibitors: design, synthesis, docking, in vitro cytotoxicity and in ovo antiangiogenic activity. Inflammopharmacology, 2018, 26, 1441-1453.	1.9	20

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37	Amaranthus spinosus L. (Amaranthaceae) leaf extract attenuates streptozotocin-nicotinamide induced diabetes and oxidative stress in albino rats: A histopathological analysis. Asian Pacific Journal of Tropical Biomedicine, 2012, 2, S1647-S1652.	0.5	18
38	Development, Characterization, and Pharmacodynamic Evaluation of Hydrochlorothiazide Loaded Self-Nanoemulsifying Drug Delivery Systems. Scientific World Journal, The, 2014, 2014, 1-10.	0.8	17
39	Oneâ€pot green synthesis and structural characterisation of silver nanoparticles using aqueous leaves extract of Carissa carandas : antioxidant, anticancer and antibacterial activities. IET Nanobiotechnology, 2018, 12, 748-756.	1.9	17
40	Comparative Evaluation of Prosopis cineraria (L.) Druce and Its ZnO Nanoparticles on Scopolamine Induced Amnesia. Frontiers in Pharmacology, 2018, 9, 549.	1.6	17
41	Preclinical valuation of anti-hyperglycemic and antioxidant action of Nirmali (Strychnos potatorum) seeds in streptozotocin-nicotinamide-induced diabetic Wistar rats: A histopathological investigation. Biomarkers and Genomic Medicine, 2013, 5, 157-163.	0.2	16
42	Quinazoline based 1,3,5â€triazine derivatives as cancer inhibitors by impeding the phosphorylated RET tyrosine kinase pathway: Design, synthesis, docking, and QSAR study. Archiv Der Pharmazie, 2019, 352, e1900053.	2.1	16
43	In silico Study of Trianthema portulacastrum Embedded Iron Oxide Nanoparticles on Glycogen Synthase Kinase-3Î²: A Possible Contributor to its Enhanced in vivo Wound Healing Potential. Frontiers in Pharmacology, 2021, 12, 664075.	1.6	16
44	Development, in-vitro and in-vivo characterization of gelatin nanoparticles for delivery of an anti-inflammatory drug. Journal of Drug Delivery Science and Technology, 2016, 36, 55-61.	1.4	15
45	Molecular dynamics analysis of phytochemicals from Ageratina adenophora against COVID-19 main protease (Mpro) and human angiotensin-converting enzyme 2 (ACE2). Biocatalysis and Agricultural Biotechnology, 2021, 32, 101924.	1.5	15
46	Therapeutic effect of umbelliferon-Î±-D-glucopyranosyl-(2Iâ†'1II)-Î±-D-glucopyranoside on adjuvant-induced arthritic rats. Journal of Food Science and Technology, 2014, 52, 3402-11.	1.4	14
47	Development and statistical optimization of chitosan and eudragit based gastroretentive controlled release multiparticulate system for bioavailability enhancement of metformin HCl. Journal of Pharmaceutical Investigation, 2016, 46, 239-252.	2.7	14
48	Anti-bacterial efficacy of bio-fabricated silver nanoparticles of aerial part of Moringa oleifera lam: Rapid green synthesis, In-Vitro and In-Silico screening. Biocatalysis and Agricultural Biotechnology, 2022, 39, 102229.	1.5	14
49	Amelioration of diethylnitrosamine (DEN) induced renal oxidative stress and inflammation by Carissa carandas embedded silver nanoparticles in rodents. Toxicology Reports, 2021, 8, 636-645.	1.6	13
50	Amelioration of neurodegeneration and cognitive impairment by Lemon oil in experimental model of Stressed mice. Biomedicine and Pharmacotherapy, 2018, 106, 575-583.	2.5	12
51	Silica catalyzed one pot synthesis of hybrid thiazolidin-4-one derivatives as anti-tubercular and anti-inflammatory agent by attenuating COX-2 pathway. Synthetic Communications, 2019, 49, 2725-2759.	1.1	12
52	Molecular Docking and Cognitive Impairment Attenuating Effect of Phenolic Compound Rich Fraction of Trianthema portulacastrum in Scopolamine Induced Alzheimerâ€™s Disease Like Condition. Neurochemical Research, 2019, 44, 1665-1677.	1.6	12
53	GC-MS Analysis of Phytocomponents in, Pet Ether Fraction of Wrightia tinctoria Seed. Pharmacognosy Journal, 2015, 7, 249-253.	0.3	12
54	Hybrid Quinazoline 1,3,5â€Triazines as Epidermal Growth Factor Receptor (EGFR) Inhibitors with Anticancer Activity: Design, Synthesis, and Computational Study. ChemMedChem, 2021, 16, 822-838.	1.6	11

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55	Antihepatotoxic activity of debelalactone, a new oxirano-furanocoumarin fromPhyllanthus debilis. Journal of Asian Natural Products Research, 2009, 11, 687-692.	0.7	10
56	Lead finding from whole plant of Marrubium vulgare L. with Hepatoprotective Potentials through in silico methods. Asian Pacific Journal of Tropical Biomedicine, 2012, 2, S1308-S1311.	0.5	10
57	In vitro characterization and pharmacodynamic evaluation of furosemide loaded self nano emulsifying drug delivery systems (SNEDDS). Journal of Pharmaceutical Investigation, 2014, 44, 443-453.	2.7	10
58	Preclinical renal chemo-protective potential of Prunus amygdalus Batsch seed coat via alteration of multiple molecular pathways. Archives of Physiology and Biochemistry, 2018, 124, 88-96.	1.0	10
59	1,2,4â€Triazoleâ€conjugated 1,3,4â€thiadiazole hybrid scaffolds: A potent ameliorant of carrageenanâ€induced inflammation by lessening proinflammatory mediators. Archiv Der Pharmazie, 2020, 353, e1900233.	2.1	9
60	Design, synthesis, antibacterial evaluation, and computational studies of hybrid oxothiazolidinâ€"1,2,4â€triazole scaffolds. Archiv Der Pharmazie, 2021, 354, e2000473.	2.1	9
61	Green synthesis of silver nanoformulation of Scindapsus officinalis as potent anticancer and predicted anticovid alternative: Exploration via experimental and computational methods. Biocatalysis and Agricultural Biotechnology, 2021, 35, 102072.	1.5	9
62	Liposomal-Based Therapeutic Carriers for Vaccine and Gene Delivery. , 2017, , 151-166.		8
63	Synthesis, characterization and antimicrobial evaluation of some novel 1,2,4-triazolo[3,4-b][1,3,4]thiadiazine bearing substituted phenylquinolin-2-one moiety. Arabian Journal of Chemistry, 2019, 12, 3046-3053.	2.3	8
64	Liposomes as Anticancer Therapeutic Drug Carrierâ€™s Systems: More than a Tour de Force. Current Nanomedicine, 2020, 10, 178-185.	0.2	8
65	Attenuation of hepatic and breast cancer cells by Polygonatum verticillatum embedded silver nanoparticles. Biocatalysis and Agricultural Biotechnology, 2020, 30, 101863.	1.5	8
66	Polyphenolic rich extract of Oroxylum indicum alleviate Î²-glucuronidase activity via down-regulate oxidative stress: Experimental and computational studies. Biocatalysis and Agricultural Biotechnology, 2020, 29, 101804.	1.5	8
67	A triterpene glochidon from Phyllanthus debilis: Isolation, computational studies, and antidiabetic activity evaluation. Biocatalysis and Agricultural Biotechnology, 2021, 36, 102138.	1.5	8
68	Nymphasterol, a new steroid from Nymphaea stellata. Medicinal Chemistry Research, 2012, 21, 783-787.	1.1	7
69	Effect of Variable Doses of Paederia foetida L. Combat Against Experimentally- Induced Systemic and Topical Inflammation in Wistar Rats. Current Bioactive Compounds, 2018, 14, 70-79.	0.2	6
70	A Review on Nepalese Medicinal Plants Used Traditionally as Alpha-Amylase and Alpha-Glucosidase Inhibitors Against Diabetes Mellitus. Current Traditional Medicine, 2021, 7, .	0.1	6
71	Madhuca longifolia Embedded Silver Nanoparticles Attenuate Diethylnitrosamine (DEN)-Induced Renal Cancer via Regulating Oxidative Stress. Current Drug Delivery, 2021, 18, 634-644.	0.8	6
72	Wound healing and antioxidant potential of Neolamarckia cadamba in streptozotocin-nicotinamide induced diabetic rats. Phytomedicine Plus, 2022, 2, 100274.	0.9	6

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73	Validating Anti-Infective Activity of Pleurotus Opuntiae via Standardization of Its Bioactive Mycoconstituents through Multimodal Biochemical Approach. Coatings, 2021, 11, 484.	1.2	5
74	Amelioration of full thickness dermal wounds by topical application of biofabricated zinc oxide and iron oxide nano-ointment in albino Wistar rats. Journal of Drug Delivery Science and Technology, 2021, 66, 102833.	1.4	5
75	Phytochemistry, Pharmacology, and Applications of Ocimum sanctum (Tulsi). , 2022, , 135-174.		4
76	Phyto-fabrication of silver nanoparticles from Ziziphus mauritiana against hepatic carcinoma via modulation of Rho family-alpha serine/threonine protein kinase. Journal of Drug Delivery Science and Technology, 2022, 70, 103227.	1.4	4
77	Pharmacognostic Standardization and Phytochemical screening of Leaves of Amaranthus spinosus L.. Pharmacognosy Journal, 2011, 3, 34-38.	0.3	3
78	Pharmacognostic and phytochemical evaluation of Dolichos biflorus Linn.. Asian Pacific Journal of Tropical Disease, 2014, 4, S97-S101.	0.5	3
79	Polyathia longifolia: Redox potential of a cellulose nanocrystal derivative and ADMET predictions of selected compounds. Biocatalysis and Agricultural Biotechnology, 2022, 40, 102295.	1.5	3
80	Antihepatotoxic activity of a sterol glucoside from aerial parts of Clerodendrum phlomidis. Medicinal Chemistry Research, 2012, 21, 2449-2453.	1.1	2
81	A Prospective Study on Emerging Role of Phytoremediation by Endophytic Microorganisms. Advances in Environmental Engineering and Green Technologies Book Series, 2016, , 236-265.	0.3	2
82	Visnagin: A New Perspective of Medicinal Importance, Physiological Functions, Phytochemistry, Pharmacology and Analytical Aspects of Active Phytoconstituents of Ammi visnaga. Natural Products Journal, 2019, 9, 197-206.	0.1	2
83	Synthesis and Evaluation of Anti-HIV Activity of Mono- and Di-Substituted Phosphonamidate Conjugates of Tenofovir. Molecules, 2022, 27, 4447.	1.7	2
84	Antihepatotoxic activity of ferolactone, a new furanocoumarin from Feronia limonia. Medicinal Chemistry Research, 2012, 21, 2955-2960.	1.1	1
85	Dual inhibitory effects of novel naringenin analogue in tobacco-carcinogen induced lung cancer via inhibition of PI3K/Akt/mTOR pathway. Annals of Oncology, 2017, 28, ii12.	0.6	1
86	Off Label Medication to Combat COVID-19: Review Results to Date. Coronaviruses, 2021, 2, 496-506.	0.2	1
87	Facile One-Pot Synthesis, Characterization, and Biological Activity of 2-(5-(4-subsituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.2	1
88	Discovery of novel 1,3,5-triazine-thiozolidine (DDDL-251) based dual PI3K/mTOR inhibitor against breast cancer. Annals of Oncology, 2017, 28, x3.	0.6	1
89	Computational Insights in DNA Methylation: Catalytic and Mechanistic Elucidations for Forming 3-Methyl Cytosine. Journal of Chemistry, 2022, 2022, 1-11.	0.9	1
90	High-Performance Thin-Layer Chromatography Fingerprinting of Ethnopharmacological Important Seeds of Wrightia tinctoria. Pharmacognosy Journal, 2014, 6, 10-14.	0.3	0

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91	Review on Diagnostic Methods for SARS-CoV-2. Coronaviruses, 2021, 2, .	0.2	0
92	The Efficacy of Tribulus Terrestris and Cumminum cyminium Against Sexual Dysfunction in Diabetic Male Rats. Current Traditional Medicine, 2022, 08, .	0.1	0