

Yogendra S Padwad

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8039930/publications.pdf>

Version: 2024-02-01

78
papers

2,291
citations

236833

25
h-index

243529

44
g-index

86
all docs

86
docs citations

86
times ranked

3313
citing authors

#	ARTICLE	IF	CITATIONS
1	HIF-1 in cancer therapy: two decade long story of a transcription factor. <i>Acta Oncologica</i> , 2017, 56, 503-515.	0.8	206
2	Anti-inflammatory activity of Seabuckthorn (<i>Hippophae rhamnoides</i>) leaves. <i>International Immunopharmacology</i> , 2005, 5, 1675-1684.	1.7	140
3	In situ functionalized nanobiocomposites dressings of bamboo cellulose nanocrystals and silver nanoparticles for accelerated wound healing. <i>Carbohydrate Polymers</i> , 2017, 155, 152-162.	5.1	116
4	In vivo diabetic wound healing potential of nanobiocomposites containing bamboo cellulose nanocrystals impregnated with silver nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 45-55.	3.6	100
5	Effect of <i>Hippophae rhamnoides</i> leaf extract against Dengue virus infection in human blood-derived macrophages. <i>Phytomedicine</i> , 2008, 15, 793-799.	2.3	87
6	Epigallocatechin gallate suppresses premature senescence of preadipocytes by inhibition of PI3K/Akt/mTOR pathway and induces senescent cell death by regulation of Bax/Bcl-2 pathway. <i>Biogerontology</i> , 2019, 20, 171-189.	2.0	81
7	Cytocompatible Anti-microbial Dressings of <i>Syzygium cumini</i> Cellulose Nanocrystals Decorated with Silver Nanoparticles Accelerate Acute and Diabetic Wound Healing. <i>Scientific Reports</i> , 2017, 7, 10457.	1.6	78
8	MAPKAPK2: the master regulator of RNA-binding proteins modulates transcript stability and tumor progression. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 121.	3.5	76
9	Fatty acid composition, physicochemical properties, antioxidant and cytotoxic activity of apple seed oil obtained from apple pomace. <i>Journal of the Science of Food and Agriculture</i> , 2014, 94, 929-934.	1.7	61
10	Validation of ethnomedicinal potential of <i>Tinospora cordifolia</i> for anticancer and immunomodulatory activities and quantification of bioactive molecules by HPTLC. <i>Journal of Ethnopharmacology</i> , 2015, 175, 131-137.	2.0	61
11	Effect of leaf extract of Seabuckthorn on lipopolysaccharide induced inflammatory response in murine macrophages. <i>International Immunopharmacology</i> , 2006, 6, 46-52.	1.7	57
12	Synergistic effect of curcumin and piperine in suppression of DENA-induced hepatocellular carcinoma in rats. <i>Environmental Toxicology and Pharmacology</i> , 2015, 40, 445-452.	2.0	51
13	Aqueous extract of <i>Rhodiola imbricata</i> rhizome inhibits proliferation of an erythroleukemic cell line K-562 by inducing apoptosis and cell cycle arrest at G2/M phase. <i>Immunobiology</i> , 2008, 213, 125-131.	0.8	50
14	RNA interference mediated silencing of Hsp60 gene in human monocytic myeloma cell line U937 revealed decreased dengue virus multiplication. <i>Immunobiology</i> , 2009, 214, 422-429.	0.8	44
15	Phloretin and phloridzin improve insulin sensitivity and enhance glucose uptake by subverting PPAR β /Cdk5 interaction in differentiated adipocytes. <i>Experimental Cell Research</i> , 2019, 383, 111480.	1.2	43
16	Chemical Composition and In Vitro Cytotoxicity of Essential Oils from Leaves and Flowers of <i>Callistemon citrinus</i> from Western Himalayas. <i>PLoS ONE</i> , 2015, 10, e0133823.	1.1	40
17	Consumption of green tea epigallocatechin-3-gallate enhances systemic immune response, antioxidative capacity and HPA axis functions in aged male swiss albino mice. <i>Biogerontology</i> , 2017, 18, 367-382.	2.0	38
18	<i>Picrorhiza kurroa</i> Enhances β -Cell Mass Proliferation and Insulin Secretion in Streptozotocin Evoked β -Cell Damage in Rats. <i>Frontiers in Pharmacology</i> , 2017, 8, 537.	1.6	38

#	ARTICLE	IF	CITATIONS
19	Cell-Free Culture Supernatant of Probiotic <i>Lactobacillus fermentum</i> Protects Against H ₂ O ₂ -Induced Premature Senescence by Suppressing ROS-Akt-mTOR Axis in Murine Preadipocytes. <i>Probiotics and Antimicrobial Proteins</i> , 2020, 12, 563-576.	1.9	37
20	Dengue Virus Infection Activates Cellular Chaperone Hsp70 in THP-1 Cells: Downregulation of Hsp70 by siRNA Revealed Decreased Viral Replication. <i>Viral Immunology</i> , 2010, 23, 557-565.	0.6	36
21	Antioxidant and hepatoprotective effect of polyphenols from apple pomace extract via apoptosis inhibition and Nrf2 activation in mice. <i>Human and Experimental Toxicology</i> , 2016, 35, 1264-1275.	1.1	36
22	Anthocyanins enriched purple tea exhibits antioxidant, immunostimulatory and anticancer activities. <i>Journal of Food Science and Technology</i> , 2017, 54, 1953-1963.	1.4	34
23	Nutrigenomics and its Impact on Life Style Associated Metabolic Diseases. <i>Current Genomics</i> , 2016, 17, 261-278.	0.7	29
24	Plant-polyphenols based second-generation synbiotics: Emerging concepts, challenges, and opportunities. <i>Nutrition</i> , 2020, 77, 110785.	1.1	29
25	Berberis lycium fruit extract attenuates oxi-inflammatory stress and promotes mucosal healing by mitigating NF- κ B/c-Jun/MAPKs signalling and augmenting splenic Treg proliferation in a murine model of dextran sulphate sodium-induced ulcerative colitis. <i>European Journal of Nutrition</i> , 2020, 59, 2663-2681.	1.8	27
26	Berberis lycium Royle fruit extract mitigates oxi-inflammatory stress by suppressing NF- κ B/MAPK signalling cascade in activated macrophages and Treg proliferation in splenic lymphocytes. <i>Inflammopharmacology</i> , 2020, 28, 1053-1072.	1.9	26
27	Probiotic bacteria as modulators of cellular senescence: emerging concepts and opportunities. <i>Gut Microbes</i> , 2020, 11, 335-349.	4.3	26
28	Perspectives of the potential implications of polyphenols in influencing the interrelationship between oxi-inflammatory stress, cellular senescence and immunosenescence during aging. <i>Trends in Food Science and Technology</i> , 2020, 98, 41-52.	7.8	26
29	Rutin prevents inflammation-associated colon damage <i>via</i> inhibiting the p38/MAPKAPK2 and PI3K/Akt/GSK3 β /NF- κ B signalling axes and enhancing splenic Tregs in DSS-induced murine chronic colitis. <i>Food and Function</i> , 2021, 12, 8492-8506.	2.1	26
30	Beverages and Non-alcoholic fatty liver disease (NAFLD): Think before you drink. <i>Clinical Nutrition</i> , 2021, 40, 2508-2519.	2.3	25
31	Long-term consumption of green tea EGCG enhances murine health span by mitigating multiple aspects of cellular senescence in mitotic and post-mitotic tissues, gut dysbiosis, and immunosenescence. <i>Journal of Nutritional Biochemistry</i> , 2022, 107, 109068.	1.9	25
32	Phenolic constituents from apple tree leaves and their in vitro biological activity. <i>Industrial Crops and Products</i> , 2016, 90, 118-125.	2.5	24
33	Diet supplemented with phytochemical epigallocatechin gallate and probiotic <i>Lactobacillus fermentum</i> confers second generation synbiotic effects by modulating cellular immune responses and antioxidant capacity in aging mice. <i>European Journal of Nutrition</i> , 2019, 58, 2943-2957.	1.8	23
34	Lactic acid-based deep eutectic solvent: An efficient green media for the selective extraction of steroidal saponins from <i>Trillium govanianum</i> . <i>Separation and Purification Technology</i> , 2022, 294, 121105.	3.9	22
35	Temporal and spatial variation in quality of essential oil of <i>Hedychium spicatum</i> and evaluation of its antioxidant activity. <i>Journal of Essential Oil Research</i> , 2015, 27, 217-224.	1.3	21
36	Berberine induces dose-dependent quiescence and apoptosis in A549 cancer cells by modulating cell cyclins and inflammation independent of mTOR pathway. <i>Life Sciences</i> , 2020, 244, 117346.	2.0	21

#	ARTICLE	IF	CITATIONS
37	Biological activity of phenolics enriched extracts from industrial apple pomace. <i>Industrial Crops and Products</i> , 2021, 160, 113158.	2.5	21
38	Insights from a Pan India Sero-Epidemiological survey (Phenome-India Cohort) for SARS-CoV2. <i>ELife</i> , 2021, 10, .	2.8	21
39	Screening and purification of catechins from underutilized tea plant parts and their bioactivity studies. <i>Journal of Food Science and Technology</i> , 2016, 53, 4023-4032.	1.4	20
40	<i>Prunus cerasoides</i> fruit extract ameliorates inflammatory stress by modulation of iNOS pathway and Th1/Th2 immune homeostasis in activated murine macrophages and lymphocytes. <i>Inflammopharmacology</i> , 2018, 26, 1483-1495.	1.9	20
41	Nutraceuticals-Based Immunotherapeutic Concepts and Opportunities for the Mitigation of Cellular Senescence and Aging: A Narrative Review. <i>Ageing Research Reviews</i> , 2020, 63, 101141.	5.0	20
42	Sustained delivery of BSA/HSA from biocompatible plant cellulose nanocrystals for in vitro cholesterol release from endothelial cells. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 748-757.	3.6	19
43	Chemical Composition, Cytotoxic and Antibacterial Activities of Essential Oils of Cultivated Clones of <i>Juniperus communis</i> and Wild <i>Juniperus</i> Species. <i>Chemistry and Biodiversity</i> , 2018, 15, e1800183.	1.0	19
44	Preadipocyte secretory factors differentially modulate murine macrophage functions during aging which are reversed by the application of phytochemical EGCG. <i>Biogerontology</i> , 2020, 21, 325-343.	2.0	18
45	Bioactive isoquinoline alkaloids from <i>Cissampelos pareira</i> . <i>Natural Product Research</i> , 2019, 33, 622-627.	1.0	17
46	Screening of bioconstituents and in vitro cytotoxicity of <i>Clematis gouriana</i> leaves. <i>Natural Product Research</i> , 2015, 29, 2242-2246.	1.0	15
47	MAPKAPK2 plays a crucial role in the progression of head and neck squamous cell carcinoma by regulating transcript stability. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 175.	3.5	15
48	In search of nutritional anti-aging targets: TOR inhibitors, SASP modulators, and BCL-2 family suppressors. <i>Nutrition</i> , 2019, 65, 33-38.	1.1	15
49	Steroidal saponins from <i>Trillium govanianum</i> as α -amylase, α -glucosidase, and dipeptidyl peptidase IV inhibitory agents. <i>Journal of Pharmacy and Pharmacology</i> , 2021, 73, 487-495.	1.2	13
50	Phloretin mitigates oxidative injury, inflammation, and fibrogenic responses via restoration of autophagic flux in in vitro and preclinical models of NAFLD. <i>Journal of Nutritional Biochemistry</i> , 2022, 107, 109062.	1.9	13
51	Mechanism of Host Cell MAPK/ERK-2 Incorporation into Lentivirus Particles: Characterization of the Interaction between MAPK/ERK-2 and Proline-Rich-Domain Containing Capsid Region of Structural Protein Gag. <i>Journal of Molecular Biology</i> , 2011, 410, 681-697.	2.0	11
52	<i>Tinospora cordifolia</i> activates PPAR γ pathway and mitigates glomerular and tubular cell injury in diabetic kidney disease. <i>Phytomedicine</i> , 2021, 91, 153663.	2.3	11
53	In Vitro Characterisation Revealed Himalayan Dairy <i>Kluyveromyces marxianus</i> PCH397 as Potential Probiotic with Therapeutic Properties. <i>Probiotics and Antimicrobial Proteins</i> , 2023, 15, 761-773.	1.9	11
54	Pseudolycorine N-oxide, a new N-oxide from <i>Narcissus tazetta</i> . <i>Natural Product Research</i> , 2020, 34, 2051-2058.	1.0	10

#	ARTICLE	IF	CITATIONS
55	Zephgrabetaine: a new betaine-type amaryllidaceae alkaloid from <i>Zephyranthes grandiflora</i> . <i>Natural Product Communications</i> , 2013, 8, 161-4.	0.2	10
56	Cytotoxic agents for KB and SiHa cells from <i>n</i> -hexane fraction of <i>Cissampelos pareira</i> and its chemical composition. <i>Natural Product Research</i> , 2015, 29, 686-691.	1.0	9
57	<i>In Vitro</i> Cytotoxic Activity Guided Essential Oil Composition of Flowering Twigs of <i>Stevia rebaudiana</i> . <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.2	8
58	Divergent Synthesis of Styryl Cinnamate Hybrid Analogues Inspired by the Natural Product Salvianolic Acid F as a Premise To Investigate Their Anticancer Activity and Its Metabolomic Profiling. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 5941-5949.	1.2	8
59	Narciclasine-4-O- β -D-xylopyranoside, a new narciclasine glycoside from <i>Zephyranthes minuta</i> . <i>Natural Product Research</i> , 2020, 34, 233-240.	1.0	8
60	Comparative studies of essential oils composition and cytotoxic activity of <i>Valeriana jatamansi</i> Jones. <i>Journal of Essential Oil Research</i> , 2021, 33, 584-591.	1.3	8
61	Pharmaco-immunomodulatory interventions for averting cytokine storm-linked disease severity in SARS-CoV-2 infection. <i>Inflammopharmacology</i> , 2022, 30, 23-49.	1.9	8
62	A machine learning-based approach to determine infection status in recipients of BBV152 (Covaxin) whole-virion inactivated SARS-CoV-2 vaccine for serological surveys. <i>Computers in Biology and Medicine</i> , 2022, 146, 105419.	3.9	8
63	A multifunctional magneto-fluorescent nanocomposite for visual recognition of targeted cancer cells. <i>Materials Research Express</i> , 2015, 2, 115401.	0.8	7
64	Chemical and <i>in vitro</i> cytotoxicity evaluation of essential oil from <i>Eucalyptus citriodora</i> fruits growing in the Northwestern Himalaya, India. <i>Flavour and Fragrance Journal</i> , 2016, 31, 158-162.	1.2	7
65	New semi-synthetic scaffolds of isalantolactone and their cytotoxic activity. <i>Phytochemistry Letters</i> , 2016, 18, 117-121.	0.6	7
66	Synthesis of New Heterocyclic Amino Derivatives of Alantolactone and Their Cytotoxic Activity. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 2715-2721.	1.4	6
67	DNA damage response proteins synergistically affect the cancer prognosis and resistance. <i>Free Radical Biology and Medicine</i> , 2022, 178, 174-188.	1.3	6
68	Berberis lycium fruit extract and its phytoconstituents berberine and rutin mitigate collagen CFA-induced arthritis (CIA) via improving GSK3 β /STAT/Akt/MAPKs/NF- κ B signaling axis mediated oxi-inflammation and joint articular damage in murine model. <i>Inflammopharmacology</i> , 2022, 30, 655-666.	1.9	6
69	Kutkin, Iridoid glycosides enriched fraction of <i>Picrorrhiza kurroa</i> promotes insulin sensitivity and enhances glucose uptake by activating PI3K/Akt signaling in 3T3-L1 adipocytes. <i>Phytomedicine</i> , 2022, , 154204.	2.3	6
70	Steroidal saponins of <i>Trillium govanianum</i> : Quality control, pharmacokinetic analysis, and anti-inflammatory activity. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 35, 102071.	1.5	5
71	Cytotoxic steroidal saponins from <i>Polygonatum verticillatum</i> Linn.. <i>Phytochemistry Letters</i> , 2021, 45, 30-36.	0.6	5
72	Nuclear magnetic resonance-based metabolomics and cytotoxicity (HT-29 and HCT-116 cell lines) studies insight the potential of less utilized parts of <i>Camellia sinensis</i> (Kangra tea). <i>Food Chemistry</i> , 2022, 373, 131561.	4.2	5

#	ARTICLE	IF	CITATIONS
73	Plasma levels of Rifampicin and Pyrazinamide with pre and post meal administration in tuberculosis patients. Indian Journal of Tuberculosis, 2018, 65, 35-40.	0.3	3
74	Growth dynamics and differential accumulation of picrosides and its precursor metabolites in callus cell lines of Picrorhiza kurroa with distinct anti-steatotic potential. Process Biochemistry, 2022, 120, 85-100.	1.8	3
75	GC-MS Based Profiling, Antimicrobial Activity and Cytotoxicity Studies of <i>Camellia sinensis</i> (L.) O. Kuntze Flower Extract. Journal of Biologically Active Products From Nature, 2022, 12, 137-145.	0.1	2
76	Allyl-isothiocyanate ameliorates the pre-neoplastic changes induced by the fern Dryopteris nigropalaceae on experimental feeding in Guinea pigs. Research in Veterinary Science, 2019, 124, 24-31.	0.9	0
77	Styryl-cinnamate hybrid inhibits glioma by alleviating translation, bioenergetics and other key cellular responses leading to apoptosis. Experimental Cell Research, 2019, 375, 11-21.	1.2	0
78	Naphthazarins as cytotoxic agents isolated from Arnebia euchroma. Pharmacognosy Magazine, 2019, 15, 366.	0.3	0