

# Yogendra S Padwad

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

79  
papers

1,447  
citations

20  
h-index

35  
g-index

86  
ext. papers

1,862  
ext. citations

4.8  
avg, IF

5.27  
L-index

#	Paper	IF	Citations
79	In Vitro Characterisation Revealed Himalayan Dairy Kluyveromyces marxianus PCH397 as Potential Probiotic with Therapeutic Properties.. <i>Probiotics and Antimicrobial Proteins</i> , <b>2022</b> , 1	5.5	0
78	Pharmaco-immunomodulatory interventions for averting cytokine storm-linked disease severity in SARS-CoV-2 infection.. <i>Inflammopharmacology</i> , <b>2022</b> , 30, 23	5.1	0
77	Berberis lycium fruit extract and its phytoconstituents berberine and rutin mitigate collagen-CFA-induced arthritis (CIA) via improving GSK3 $\beta$ /STAT/Akt/MAPKs/NF-B signaling axis mediated oxi-inflammation and joint articular damage in murine model.. <i>Inflammopharmacology</i> , <b>2022</b> , 30, 155	5.1	0
76	GC-MS Based Profiling, Antimicrobial Activity and Cytotoxicity Studies of Camellia sinensis (L.) O. Kuntze Flower Extract. <i>Journal of Biologically Active Products From Nature</i> , <b>2022</b> , 12, 137-145	0.7	0
75	Lactic acid-based Deep Eutectic Solvent: An Efficient Green Media for the Selective Extraction of Steroidal Saponins from Trillium govanianum. <i>Separation and Purification Technology</i> , <b>2022</b> , 121105	8.3	2
74	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> , <b>2022</b> , 146, 105419	7	2
73	Kutkin, Iridoid glycosides enriched fraction of Picrorrhiza kurroa promotes insulin sensitivity and enhances glucose uptake by activating PI3K/Akt signaling in 3T3-L1 adipocytes. <i>Phytomedicine</i> , <b>2022</b> , 154204	6.5	0
72	Phloretin mitigates oxidative injury, inflammation and fibrogenic responses via restoration of autophagic flux in in-vitro and pre-clinical models of NAFLD. <i>Journal of Nutritional Biochemistry</i> , <b>2022</b> , 109062	6.3	1
71	Long-term consumption of green tea EGCG enhances murine healthspan by mitigating multiple aspects of cellular senescence in mitotic and post-mitotic tissues, gut dysbiosis, and immunosenescence. <i>Journal of Nutritional Biochemistry</i> , <b>2022</b> , 109068	6.3	3
70	DNA damage response proteins synergistically affect the cancer prognosis and resistance. <i>Free Radical Biology and Medicine</i> , <b>2021</b> , 178, 174-188	7.8	0
69	Nuclear magnetic resonance-based metabolomics and cytotoxicity (HT-29 and HCT-116 cell lines) studies insight the potential of less utilized parts of Camellia sinensis (Kangra tea). <i>Food Chemistry</i> , <b>2021</b> , 131561	8.5	2
68	Insights from a Pan India Sero-Epidemiological survey (Phenome-India Cohort) for SARS-CoV2. <i>ELife</i> , <b>2021</b> , 10,	8.9	12
67	Beverages and Non-alcoholic fatty liver disease (NAFLD): Think before you drink. <i>Clinical Nutrition</i> , <b>2021</b> , 40, 2508-2519	5.9	4
66	Steroidal Saponins of Trillium govanianum: Quality Control, Pharmacokinetic Analysis, and Anti-inflammatory Activity. <i>Biocatalysis and Agricultural Biotechnology</i> , <b>2021</b> , 35, 102071	4.2	2
65	Biological activity of phenolics enriched extracts from industrial apple pomace. <i>Industrial Crops and Products</i> , <b>2021</b> , 160, 113158	5.9	9
64	Cytotoxic steroidal saponins from Polygonatum verticillatum Linn.. <i>Phytochemistry Letters</i> , <b>2021</b> , 45, 30-36	1.9	1
63	Tinospora cordifolia activates PPAR $\alpha$ pathway and mitigates glomerular and tubular cell injury in diabetic kidney disease. <i>Phytomedicine</i> , <b>2021</b> , 91, 153663	6.5	0

62	Natural Products as Immunomodulatory and Chemosensitizing Agents in Colon Cancer Treatment <b>2021</b> , 187-207		
61	Steroidal saponins from <i>Trillium govanianum</i> as $\alpha$ -amylase, $\alpha$ -glucosidase, and dipeptidyl peptidase IV inhibitory agents. <i>Journal of Pharmacy and Pharmacology</i> , <b>2021</b> , 73, 487-495	4.8	5
60	Rutin prevents inflammation-associated colon damage inhibiting the p38/MAPKAPK2 and PI3K/Akt/GSK3 $\beta$ /NF- $\kappa$ B signalling axes and enhancing splenic Tregs in DSS-induced murine chronic colitis. <i>Food and Function</i> , <b>2021</b> , 12, 8492-8506	6.1	4
59	Preadipocyte secretory factors differentially modulate murine macrophage functions during aging which are reversed by the application of phytochemical EGCG. <i>Biogerontology</i> , <b>2020</b> , 21, 325-343	4.5	10
58	Plant-polyphenols based second-generation synbiotics: Emerging concepts, challenges, and opportunities. <i>Nutrition</i> , <b>2020</b> , 77, 110785	4.8	19
57	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> , <b>2020</b> , 98, 41-52	15.3	11
56	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> , <b>2020</b> , 244, 117346	6.8	16
55	Probiotic bacteria as modulators of cellular senescence: emerging concepts and opportunities. <i>Gut Microbes</i> , <b>2020</b> , 11, 335-349	8.8	14
54	Nutraceuticals-Based Immunotherapeutic Concepts and Opportunities for the Mitigation of Cellular Senescence and Aging: A Narrative Review. <i>Ageing Research Reviews</i> , <b>2020</b> , 63, 101141	12	12
53	Berberis lycium Royle fruit extract mitigates oxi-inflammatory stress by suppressing NF- $\kappa$ B/MAPK signalling cascade in activated macrophages and Treg proliferation in splenic lymphocytes. <i>Inflammopharmacology</i> , <b>2020</b> , 28, 1053-1072	5.1	17
52	Narciclasine-4---D-xylopyranoside, a new narciclasine glycoside from. <i>Natural Product Research</i> , <b>2020</b> , 34, 233-240	2.3	6
51	Pseudoglycorine -oxide, a new -oxide from. <i>Natural Product Research</i> , <b>2020</b> , 34, 2051-2058	2.3	6
50	Berberis lycium fruit extract attenuates oxi-inflammatory stress and promotes mucosal healing by mitigating NF- $\kappa$ 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> , <b>2020</b> , 59, 2463-2481	5.2	15
49	Cell-Free Culture Supernatant of Probiotic <i>Lactobacillus fermentum</i> Protects Against HO-Induced Premature Senescence by Suppressing ROS-Akt-mTOR Axis in Murine Preadipocytes. <i>Probiotics and Antimicrobial Proteins</i> , <b>2020</b> , 12, 563-576	5.5	19
48	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> , <b>2019</b> , 38, 175	12.8	7
47	MAPKAPK2: the master regulator of RNA-binding proteins modulates transcript stability and tumor progression. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2019</b> , 38, 121	12.8	39
46	In search of nutritional anti-aging targets: TOR inhibitors, SASP modulators, and BCL-2 family suppressors. <i>Nutrition</i> , <b>2019</b> , 65, 33-38	4.8	10
45	Phloretin and phloridzin improve insulin sensitivity and enhance glucose uptake by subverting PPAR $\gamma$ /Cdk5 interaction in differentiated adipocytes. <i>Experimental Cell Research</i> , <b>2019</b> , 383, 111480	4.2	20

44	Naphthazarins as cytotoxic agents isolated from <i>Arnebia euchroma</i> . <i>Pharmacognosy Magazine</i> , <b>2019</b> , 15, 366	0.8	
43	Allyl-isothiocyanate ameliorates the pre-neoplastic changes induced by the fern <i>Dryopteris nigropalaceae</i> on experimental feeding in Guinea pigs. <i>Research in Veterinary Science</i> , <b>2019</b> , 124, 24-31	2.5	
42	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> , <b>2019</b> , 58, 2943-2957	5.2	13
41	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> , <b>2019</b> , 20, 171-189	4.5	55
40	Styryl-cinnamate hybrid inhibits glioma by alleviating translation, bioenergetics and other key cellular responses leading to apoptosis. <i>Experimental Cell Research</i> , <b>2019</b> , 375, 11-21	4.2	
39	Bioactive isoquinoline alkaloids from <i>Cissampelos pareira</i> . <i>Natural Product Research</i> , <b>2019</b> , 33, 622-627	2.3	11
38	<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> , <b>2018</b> , 26, 1483-1495	5.1	17
37	Plasma levels of Rifampicin and Pyrazinamide with pre and post meal administration in tuberculosis patients. <i>Indian Journal of Tuberculosis</i> , <b>2018</b> , 65, 35-40	1.6	1
36	Synthesis of New Heterocyclic Amino Derivatives of Alantolactone and Their Cytotoxic Activity. <i>Journal of Heterocyclic Chemistry</i> , <b>2018</b> , 55, 2715-2721	1.9	1
35	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> , <b>2018</b> , 15, e1800183	2.5	13
34	Anthocyanins enriched purple tea exhibits antioxidant, immunostimulatory and anticancer activities. <i>Journal of Food Science and Technology</i> , <b>2017</b> , 54, 1953-1963	3.3	11
33	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> , <b>2017</b> , 104, 748-757	7.9	16
32	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> , <b>2017</b> , 18, 367-382	4.5	30
31	HIF-1 in cancer therapy: two decade long story of a transcription factor. <i>Acta Oncologica</i> , <b>2017</b> , 56, 503-515	5.2	141
30	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> , <b>2017</b> , 7, 10457	4.9	50
29	In vivo diabetic wound healing potential of nanobiocomposites containing bamboo cellulose nanocrystals impregnated with silver nanoparticles. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 105, 45-55	7.9	67
28	In situ functionalized nanobiocomposites dressings of bamboo cellulose nanocrystals and silver nanoparticles for accelerated wound healing. <i>Carbohydrate Polymers</i> , <b>2017</b> , 155, 152-162	10.3	91
27	Enhances -Cell Mass Proliferation and Insulin Secretion in Streptozotocin Evoked -Cell Damage in Rats. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 537	5.6	24

26	Screening and purification of catechins from underutilized tea plant parts and their bioactivity studies. <i>Journal of Food Science and Technology</i> , <b>2016</b> , 53, 4023-4032	3.3	13
25	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> , <b>2016</b> , 2016, 5941-5949	3.2	7
24	Antioxidant and hepatoprotective effect of polyphenols from apple pomace extract via apoptosis inhibition and Nrf2 activation in mice. <i>Human and Experimental Toxicology</i> , <b>2016</b> , 35, 1264-1275	3.4	28
23	Nutrigenomics and its Impact on Life Style Associated Metabolic Diseases. <i>Current Genomics</i> , <b>2016</b> , 17, 261-78	2.6	21
22	Phenolic constituents from apple tree leaves and their in vitro biological activity. <i>Industrial Crops and Products</i> , <b>2016</b> , 90, 118-125	5.9	20
21	Chemical and in vitro cytotoxicity evaluation of essential oil from <i>Eucalyptus citriodora</i> Fruits growing in the Northwestern Himalaya, India. <i>Flavour and Fragrance Journal</i> , <b>2016</b> , 31, 158-162	2.5	5
20	New semi-synthetic scaffolds of isoalantolactone and their cytotoxic activity. <i>Phytochemistry Letters</i> , <b>2016</b> , 18, 117-121	1.9	5
19	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> , <b>2015</b> , 175, 131-7	5	35
18	Synergistic effect of curcumin and piperine in suppression of DENA-induced hepatocellular carcinoma in rats. <i>Environmental Toxicology and Pharmacology</i> , <b>2015</b> , 40, 445-52	5.8	30
17	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> , <b>2015</b> , 27, 217-224	2.3	14
16	Cytotoxic agents for KB and SiHa cells from n-hexane fraction of <i>Cissampelos pareira</i> and its chemical composition. <i>Natural Product Research</i> , <b>2015</b> , 29, 686-91	2.3	8
15	A multifunctional magneto-fluorescent nanocomposite for visual recognition of targeted cancer cells. <i>Materials Research Express</i> , <b>2015</b> , 2, 115401	1.7	7
14	Screening of bioconstituents and in vitro cytotoxicity of <i>Clematis gouriana</i> leaves. <i>Natural Product Research</i> , <b>2015</b> , 29, 2242-6	2.3	10
13	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> , <b>2015</b> , 10, e0133823	3.7	31
12	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> , <b>2014</b> , 94, 929-34	4.3	45
11	In Vitro Cytotoxic Activity Guided Essential Oil Composition of Flowering Twigs of <i>Stevia rebaudiana</i> . <i>Natural Product Communications</i> , <b>2014</b> , 9, 1934578X1400900	0.9	4
10	Zephgrabetaine: a new betaine-type amaryllidaceae alkaloid from <i>Zephyranthes grandiflora</i> . <i>Natural Product Communications</i> , <b>2013</b> , 8, 161-4	0.9	9
9	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> , <b>2011</b> , 410, 681-97	6.5	11

8	Dengue virus infection activates cellular chaperone Hsp70 in THP-1 cells: downregulation of Hsp70 by siRNA revealed decreased viral replication. <i>Viral Immunology</i> , <b>2010</b> , 23, 557-65	1.7	29
7	RNA interference mediated silencing of Hsp60 gene in human monocytic myeloma cell line U937 revealed decreased dengue virus multiplication. <i>Immunobiology</i> , <b>2009</b> , 214, 422-9	3.4	29
6	Effect of Hippophae rhamnoides leaf extract against Dengue virus infection in human blood-derived macrophages. <i>Phytomedicine</i> , <b>2008</b> , 15, 793-9	6.5	69
5	Aqueous extract of Rhodiola imbricata rhizome inhibits proliferation of an erythroleukemic cell line K-562 by inducing apoptosis and cell cycle arrest at G2/M phase. <i>Immunobiology</i> , <b>2008</b> , 213, 125-31	3.4	42
4	Effect of leaf extract of Seabuckthorn on lipopolysaccharide induced inflammatory response in murine macrophages. <i>International Immunopharmacology</i> , <b>2006</b> , 6, 46-52	5.8	45
3	Anti-inflammatory activity of Seabuckthorn (Hippophae rhamnoides) leaves. <i>International Immunopharmacology</i> , <b>2005</b> , 5, 1675-84	5.8	113
2	Comparative studies of essential oils composition and cytotoxic activity of Valeriana jatamansi Jones. <i>Journal of Essential Oil Research</i> , 1-8	2.3	3
1	Long term consumption of green tea EGCG enhances healthspan and lifespan in mice by mitigating multiple aspects of cellular senescence in mitotic and post-mitotic tissues, gut dysbiosis and immunosenescence		3