

Harish Padh

List of Publications by Citations

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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.

91
papers

3,529
citations

31
h-index

58
g-index

95
ext. papers

3,891
ext. citations

3.8
avg, IF

5.5
L-index

#	Paper	IF	Citations
91	Advances in molecular marker techniques and their applications in plant sciences. <i>Plant Cell Reports</i> , 2008 , 27, 617-31	5.1	517
90	Cellular functions of ascorbic acid. <i>Biochemistry and Cell Biology</i> , 1990 , 68, 1166-73	3.6	249
89	Search for antibacterial and antifungal agents from selected Indian medicinal plants. <i>Journal of Ethnopharmacology</i> , 2006 , 107, 182-8	5	226
88	Vitamin C: newer insights into its biochemical functions. <i>Nutrition Reviews</i> , 1991 , 49, 65-70	6.4	178
87	Production of heterologous proteins in plants: strategies for optimal expression. <i>Biotechnology Advances</i> , 2010 , 28, 427-35	17.8	171
86	Application of quality by design approach for intranasal delivery of rivastigmine loaded solid lipid nanoparticles: Effect on formulation and characterization parameters. <i>European Journal of Pharmaceutical Sciences</i> , 2015 , 78, 54-66	5.1	137
85	Pharmacogenetic variation at CYP2C9, CYP2C19, and CYP2D6 at global and microgeographic scales. <i>Pharmacogenetics and Genomics</i> , 2009 , 19, 170-9	1.9	134
84	Organelle targeting: third level of drug targeting. <i>Drug Design, Development and Therapy</i> , 2013 , 7, 585-99	4.4	128
83	Implications of gene copy-number variation in health and diseases. <i>Journal of Human Genetics</i> , 2012 , 57, 6-13	4.3	108
82	Plant genomic DNA isolation: an art or a science. <i>Biotechnology Journal</i> , 2007 , 2, 386-92	5.6	91
81	Novel drug designing approach for dual inhibitors as anti-inflammatory agents: implication of pyridine template. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 301, 183-6	3.4	79
80	Evaluation of antioxidant properties of root bark of <i>Hemidesmus indicus</i> R. Br. (Anantmul). <i>Phytomedicine</i> , 2002 , 9, 153-60	6.5	75
79	Hairy root cultures: A suitable biological system for studying secondary metabolic pathways in plants. <i>Engineering in Life Sciences</i> , 2013 , 13, 62-75	3.4	74
78	2-Amino-5-thiazolyl motif: a novel scaffold for designing anti-inflammatory agents of diverse structures. <i>European Journal of Medicinal Chemistry</i> , 2008 , 43, 129-34	6.8	70
77	Nose to brain microemulsion-based drug delivery system of rivastigmine: formulation and ex-vivo characterization. <i>Drug Delivery</i> , 2015 , 22, 918-30	7	65
76	Andrographolide: a new plant-derived antineoplastic entity on horizon. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011 , 2011, 815390	2.3	61
75	"Application of Box-Behnken design for optimization and development of quetiapine fumarate loaded chitosan nanoparticles for brain delivery via intranasal route* ". <i>International Journal of Biological Macromolecules</i> , 2016 , 89, 206-18	7.9	51

74	LTBP2 and CYP1B1 mutations and associated ocular phenotypes in the Roma/Gypsy founder population. <i>European Journal of Human Genetics</i> , 2011 , 19, 326-33	5.3	50
73	Antihyperlipidaemic activity of swertiamarin, a secoiridoid glycoside in poloxamer-407-induced hyperlipidaemic rats. <i>Journal of Natural Medicines</i> , 2009 , 63, 437-42	3.3	50
72	Non-invasive intranasal delivery of quetiapine fumarate loaded microemulsion for brain targeting: Formulation, physicochemical and pharmacokinetic consideration. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 91, 196-207	5.1	48
71	Swertiamarin: a lead from <i>Enicostemma littorale</i> Blume. for anti-hyperlipidaemic effect. <i>European Journal of Pharmacology</i> , 2009 , 617, 108-12	5.3	47
70	Tetra substituted thiophenes as anti-inflammatory agents: exploitation of analogue-based drug design. <i>Bioorganic and Medicinal Chemistry</i> , 2005 , 13, 6685-92	3.4	45
69	QSAR studies on some thiophene analogs as anti-inflammatory agents: enhancement of activity by electronic parameters and its utilization for chemical lead optimization. <i>Bioorganic and Medicinal Chemistry</i> , 2005 , 13, 1275-83	3.4	40
68	Amelioration of STZ-induced type 1 diabetic nephropathy by aqueous extract of <i>Enicostemma littorale</i> Blume and swertiamarin in rats. <i>Molecular and Cellular Biochemistry</i> , 2010 , 340, 1-6	4.2	39
67	Inhibitory effect of n-butanol fraction of <i>Moringa oleifera</i> Lam. seeds on ovalbumin-induced airway inflammation in a guinea pig model of asthma. <i>International Journal of Toxicology</i> , 2009 , 28, 519-27	2.4	37
66	HPTLC method for the estimation of alkaloids of <i>Cinchona officinalis</i> stem bark and its marketed formulations. <i>Planta Medica</i> , 2001 , 67, 294-6	3.1	37
65	Characterization of a vacuolar proton ATPase in <i>Dictyostelium discoideum</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1989 , 982, 271-8	3.8	36
64	Intranasal delivery of venlafaxine loaded nanostructured lipid carrier: Risk assessment and QbD based optimization. <i>Journal of Drug Delivery Science and Technology</i> , 2016 , 33, 37-50	4.5	34
63	Design, synthesis, and pharmacological evaluation of some 2-[4-morpholino]-3-aryl-5-substituted thiophenes as novel anti-inflammatory agents: generation of a novel anti-inflammatory pharmacophore. <i>Bioorganic and Medicinal Chemistry</i> , 2004 , 12, 4667-71	3.4	34
62	Cyclooxygenase inhibitors: a novel direction for Alzheimer's management. <i>Pharmacological Reports</i> , 2008 , 60, 692-8	3.9	33
61	Estimation of carvedilol in human plasma by using HPLC-fluorescence detector and its application to pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 857, 219-23	3.2	32
60	A rapid method for isolation of piperine from the fruits of <i>Piper nigrum</i> Linn. <i>Journal of Natural Medicines</i> , 2008 , 62, 281-3	3.3	30
59	Beneficial effects of swertiamarin on dyslipidaemia in streptozotocin-induced type 2 diabetic rats. <i>Phytotherapy Research</i> , 2012 , 26, 1259-61	6.7	28
58	A rapid densitometric method for simultaneous quantification of gallic acid and ellagic acid in herbal raw materials using HPTLC. <i>Journal of Separation Science</i> , 2005 , 28, 581-4	3.4	28
57	Design, synthesis, and SAR studies of some 5-aliphatic oximino esters of thiophene as potential anti-inflammatory leads: comparative biological activity profile of aliphatic oximes vs aromatic oximes. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 317, 1067-74	3.4	27

56	Formulation and In-vivo Pharmacokinetic Consideration of Intranasal Microemulsion and Mucoadhesive Microemulsion of Rivastigmine for Brain Targeting. <i>Pharmaceutical Research</i> , 2018 , 35, 8	4.5	26
55	Construction of a new shuttle vector for DNA delivery into mammalian cells using non-invasive <i>Lactococcus lactis</i> . <i>Microbes and Infection</i> , 2016 , 18, 237-44	9.3	23
54	Simultaneous HPLC-UV determination of rhein and aceclofenac in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 1145-8	3.2	23
53	A new high performance liquid chromatographic method for quantification of atomoxetine in human plasma and its application for pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 850, 356-60	3.2	23
52	Development of sex-linked AFLP markers in <i>Simmondsia chinensis</i> . <i>Plant Breeding</i> , 2011 , 130, 114-116	2.4	22
51	Characterization of the ascorbic acid transport by 3T6 fibroblasts. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1987 , 901, 283-90	3.8	21
50	Sensitive high-performance thin-layer chromatographic method for the estimation of diospyrin, a tumour inhibitory agent from the stem bark of <i>Diospyros montana</i> Roxb. <i>Biomedical Applications</i> , 2000 , 744, 257-62		20
49	Blastocyst implantation failure in mice due to "nonreceptive endometrium": endometrial alterations by <i>Hibiscus rosa-sinensis</i> leaf extract. <i>Contraception</i> , 2005 , 71, 227-30	2.5	18
48	Studies of the guanylate cyclase of the social amoeba <i>Dictyostelium discoideum</i> . <i>Archives of Biochemistry and Biophysics</i> , 1984 , 229, 73-80	4.1	17
47	Shigellosis murine model established by intraperitoneal and intranasal route of administration: a comparative comprehension overview. <i>Microbes and Infection</i> , 2017 , 19, 47-54	9.3	14
46	Analytical method development and validation of mianserin hydrochloride and its metabolite in human plasma by LC-MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005 , 823, 69-74	3.2	14
45	Genetic alterations of the PIK3CA oncogene in human oral squamous cell carcinoma in an Indian population. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2015 , 120, 628-35	2	13
44	Dual recombinant <i>Lactococcus lactis</i> for enhanced delivery of DNA vaccine reporter plasmid pPERDBY. <i>Microbiology and Immunology</i> , 2017 , 61, 123-129	2.7	10
43	Factors Affecting Inducible Expression of Outer Membrane Protein A (OmpA) of <i>Shigella dysenteriae</i> Type-1 in <i>Lactococcus lactis</i> Using Nisin Inducible Controlled Expression (NICE). <i>Indian Journal of Microbiology</i> , 2016 , 56, 80-7	3.7	10
42	Immunoinformatic Identification of Potential Epitopes Against Shigellosis. <i>International Journal of Peptide Research and Therapeutics</i> , 2016 , 22, 481-495	2.1	10
41	Genetic variations in TCF7L2 influence therapeutic response to sulfonylureas in Indian diabetics. <i>Diabetes Research and Clinical Practice</i> , 2016 , 121, 35-40	7.4	10
40	Pharmacogenetics: technologies to detect copy number variations. <i>Current Opinion in Molecular Therapeutics</i> , 2009 , 11, 670-80		10
39	Determination of pitavastatin from human plasma using high performance liquid chromatography with fluorescence detection. <i>Chinese Journal of Chromatography (Se Pu)</i> , 2007 , 25, 715-8	0.2	9

38	Analysis of CCR5 and SDF-1 genetic variants and HIV infection in Indian population. <i>International Journal of Immunogenetics</i> , 2015 , 42, 270-8	2.3	8
37	Role of the calcium channel in blastocyst implantation: a novel contraceptive target. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2009 , 20, 43-53	1.6	8
36	Quantification of 4-methylaminoantipyrine, the active metabolite of dipyrrone, in human plasma. <i>Bioanalysis</i> , 2009 , 1, 293-8	2.1	8
35	LCMS Determination of Gabapentin from Human Plasma. <i>Chromatographia</i> , 2007 , 66, 853-857	2.1	8
34	Localization of cyclic-AMP receptors with acidosomes in Dictyostelium discoideum. <i>FEBS Letters</i> , 1995 , 368, 358-62	3.8	8
33	Possible role of calcium in periodontal disease. <i>Journal of Periodontology</i> , 1984 , 55, 642-7	4.6	8
32	Oral immunization with LacVax \square OmpA induces protective immune response against Shigella flexneri 2a ATCC 12022 in a murine model. <i>Vaccine</i> , 2019 , 37, 3097-3105	4.1	7
31	Activation of serum complement leads to inhibition of ascorbic acid transport. <i>Experimental Biology and Medicine</i> , 1987 , 185, 153-7	3.7	7
30	Genetic variability & chemotoxicity of 5-fluorouracil & cisplatin in head & neck cancer patients: a preliminary study. <i>Indian Journal of Medical Research</i> , 2013 , 137, 125-9	2.9	7
29	In \square vitro - In \square vivo metabolism and pharmacokinetics of picoside I and II using LC-ESI-MS method. <i>Chemico-Biological Interactions</i> , 2016 , 254, 83-92	5	7
28	Sequencing and analysis of the whole genome of Indian Gujarati male. <i>Genomics</i> , 2019 , 111, 196-204	4.3	7
27	Hormonal crosstalk with calcium channel blocker during implantation. <i>Systems Biology in Reproductive Medicine</i> , 2011 , 57, 186-9	2.9	6
26	Involvement of endometrial membrane sulphhydryl groups in blastocyst implantation: sulphhydryl groups as a potential target for contraceptive research. <i>Contraception</i> , 2001 , 64, 255-9	2.5	6
25	Electromagnetic purification of endocytic vacuoles and acidosomes from Dictyostelium. <i>Archives of Biochemistry and Biophysics</i> , 1995 , 316, 643-8	4.1	6
24	Adenosine 3 \square 5Rmonophosphate in mycobacteria. <i>Life Sciences</i> , 1977 , 20, 1273-80	6.8	6
23	In vivo delivery of pPERDBY to BALB/c mice by LacVax DNA-I and comparison of elicited immune response with conventional immunization methods. <i>Gene Therapy</i> , 2018 , 25, 485-496	4	5
22	Frequency distribution of autoimmunity associated FCGR3B gene copy number in Indian population. <i>International Journal of Immunogenetics</i> , 2015 , 42, 26-30	2.3	4
21	Pharmacokinetic profile of a new formulation of injection diclofenac designed for intradeltoid use. <i>Expert Opinion on Pharmacotherapy</i> , 2009 , 10, 517-22	4	4

20	An insight into molecular mechanism of endocytosis. <i>Indian Journal of Biochemistry and Biophysics</i> , 2004 , 41, 69-80		4
19	Combination therapeutic approach for asthma and allergic rhinitis. <i>Current Clinical Pharmacology</i> , 2008 , 3, 185-97	2.5	3
18	Evaluation of antiplasmodial properties in 15 selected traditional medicinal plants from India. <i>Journal of Integrative Medicine</i> , 2020 , 18, 80-85	4	3
17	Development of soil amoeba <i>Dictyostelium discoideum</i> as an expression system for recombinant human erythropoietin. <i>World Journal of Microbiology and Biotechnology</i> , 2007 , 23, 1511-1518	4.4	2
16	Activation of Serum Complement Generates Inhibitor of Ascorbate Transport. <i>Annals of the New York Academy of Sciences</i> , 1987 , 498, 502-505	6.5	2
15	Pharmacogenomics and Personalized Medicine for Cancer 2013 , 215-235		2
14	Thymidylate synthase enhancer region: Novel allele in Indians. <i>Annals of Human Biology</i> , 2017 , 44, 87-90	1.7	1
13	SULT1A1 copy number variation: ethnic distribution analysis in an Indian population. <i>Annals of Human Biology</i> , 2017 , 44, 663-666	1.7	1
12	Cancer Biomarkers for Diagnosis, Prognosis and Therapy 2012 , 18-68		1
11	Comparative bioavailability study of a new formulation of injection of 75 mg diclofenac sodium in 1 ml with the conventional injection of 75 mg diclofenac sodium given in 3 ml volume. <i>Current Clinical Pharmacology</i> , 2011 , 6, 26-9	2.5	1
10	Ecogeographical phytochemistry of <i>Adhatoda vasicanes</i> in relation to quantitative variations of alkaloids. <i>Journal of Planar Chromatography - Modern TLC</i> , 2011 , 24, 406-411	0.9	1
9	DNA passage to nuclei: role of endo-lysosomal circuit in eukaryotic <i>Dictyostelium</i> . <i>Canadian Journal of Microbiology</i> , 2009 , 55, 617-21	3.2	1
8	Olanzapine induced thrombocytopenia in Sprague-Dawley rats. <i>Drug and Chemical Toxicology</i> , 2004 , 27, 379-87	2.3	1
7	Polymyxin B sulfate-induced pH-dependent increase in calcium influx in cultured fibroblasts. <i>Biochemical Medicine and Metabolic Biology</i> , 1986 , 35, 65-71		1
6	Sequencing and comparative genome analysis of three Indians. <i>Mammalian Genome</i> , 2021 , 32, 401-412	3.2	1
5	EpiMix Based Novel Vaccine Candidate for : Evidence of Prophylactic Immunity in Balb/c Mice. <i>International Journal of Peptide Research and Therapeutics</i> , 2021 , 27, 1-16	2.1	1
4	Pharmacokinetic profile of an intradeltoid diclofenac injection in obese Indian volunteers. <i>Journal of Pain Research</i> , 2010 , 3, 235-40	2.9	
3	Chapter 46 Vitamin C. <i>Principles of Medical Biology</i> , 1997 , 919-932		

- 2 Synthesis, Antiinflammatory and HIV-1 Integrase Inhibitory Activities of 1,2-Bis[5-thiazoly]ethane-1,2-dione Derivatives. *Indian Journal of Pharmaceutical Sciences*, **2009**, 71, 259-263
- 1 Expression of erythropoietin in Indian tetraploid potato variety. *F1000Research*, 1, 26 3.6