

Bikram Singh

List of Publications by Year in descending order

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73
papers

3,305
citations

159585

30
h-index

149698

56
g-index

76
all docs

76
docs citations

76
times ranked

4461
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of biodegradable nanoparticles for delivery of quercetin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 80, 184-192.	5.0	348
2	Biology and chemistry of Ginkgo biloba. <i>Fytoterapia</i> , 2008, 79, 401-418.	2.2	323
3	Phytoremediation: role of terrestrial plants and aquatic macrophytes in the remediation of radionuclides and heavy metal contaminated soil and water. <i>Environmental Science and Pollution Research</i> , 2015, 22, 946-962.	5.3	176
4	Immunomodulatory active compounds from <i>Tinospora cordifolia</i> . <i>Journal of Ethnopharmacology</i> , 2012, 141, 918-926.	4.1	172
5	Iron phthalocyanine as an efficient and versatile catalyst for N-alkylation of heterocyclic amines with alcohols: one-pot synthesis of 2-substituted benzimidazoles, benzothiazoles and benzoxazoles. <i>Green Chemistry</i> , 2013, 15, 1687.	9.0	171
6	Antioxidant activity and ultra-performance LC-electrospray ionization-quadrupole time-of-flight mass spectrometry for phenolics-based fingerprinting of Rose species: <i>Rosa damascena</i> , <i>Rosa bourboniana</i> and <i>Rosa brunonii</i> . <i>Food and Chemical Toxicology</i> , 2009, 47, 361-367.	3.6	135
7	Highly Chemoselective and Regioselective Reduction of Aromatic Nitro Compounds Catalyzed by Recyclable Copper(II) as well as Cobalt(II) Phthalocyanines. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1834-1840.	4.3	124
8	Reversed phase HPLC for rapid determination of polyphenols in flowers of rose species. <i>Journal of Separation Science</i> , 2008, 31, 262-267.	2.5	109
9	Phosphane-Free Green Protocol for Selective Nitro Reduction with an Iron-Based Catalyst. <i>Chemistry - A European Journal</i> , 2011, 17, 5903-5907.	3.3	103
10	Nanoencapsulation and characterization of <i>Albizia chinensis</i> isolated antioxidant quercitrin on PLA nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 82, 224-232.	5.0	103
11	Zinc phthalocyanine with PEG-400 as a recyclable catalytic system for selective reduction of aromatic nitro compounds. <i>Green Chemistry</i> , 2012, 14, 2289.	9.0	83
12	A rapid RP HPLC densitometry method for simultaneous determination of major flavonoids in important medicinal plants. <i>Journal of Separation Science</i> , 2007, 30, 2092-2096.	2.5	82
13	Simultaneous determination of sugars and picrosides in <i>Picrorhiza</i> species using ultrasonic extraction and high-performance liquid chromatography with evaporative light scattering detection. <i>Journal of Chromatography A</i> , 2008, 1194, 257-261.	3.7	78
14	A New Amide from <i>Zanthoxylum armatum</i> . <i>Journal of Natural Products</i> , 1999, 62, 311-312.	3.0	71
15	Simultaneous quantification and identification of flavonoids, lignans, coumarin and amides in leaves of <i>Zanthoxylum armatum</i> using UPLC-DAD-ESI-QTOF MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 132, 46-55.	2.8	68
16	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.	4.1	61
17	Quantitative and structural analysis of amides and lignans in <i>Zanthoxylum armatum</i> by UPLC-DAD-ESI-QTOF MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 94, 23-29.	2.8	58
18	Cobalt(II) Phthalocyanine-Catalyzed Highly Chemoselective Reductive Amination of Carbonyl Compounds in a Green Solvent. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 870-878.	4.3	57

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19	Synthesis of substituted amines and isoindolinones: catalytic reductive amination using abundantly available AlCl ₃ /PMHS. <i>Green Chemistry</i> , 2012, 14, 3410.	9.0	49
20	Cucurbitacins from <i>Bacopa monnieri</i> . <i>Phytochemistry</i> , 2007, 68, 1248-1254.	2.9	45
21	Simultaneous densitometric determination of artemisinin, artemisinic acid and arteannuin-B in <i>Artemisia annua</i> using reversed-phase thin layer chromatography. <i>Journal of Separation Science</i> , 2005, 28, 2288-2292.	2.5	40
22	Catalyst-free water mediated reduction of nitroarenes using glucose as a hydrogen source. <i>RSC Advances</i> , 2013, 3, 4894.	3.6	40
23	Quantification of Picroside I and Picroside II in <i>Picrorhiza kurroa</i> by HPTLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 1679-1691.	1.0	38
24	A Validated and Densitometric HPTLC Method for the Quantification of Withaferin-A and Withanolide-A in Different Plant Parts of Two Morphotypes of <i>Withania somnifera</i> . <i>Chromatographia</i> , 2007, 66, 801-804.	1.3	38
25	Optimization of extraction technique and validation of developed RP-HPLC-ELSD method for determination of terpene trilactones in <i>Ginkgo biloba</i> leaves. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 1060-1064.	2.8	37
26	Simultaneous quantification of Amaryllidaceae alkaloids from <i>Zephyranthes grandiflora</i> by UPLC-DAD/ESI-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 71, 187-192.	2.8	36
27	Improved HPTLC Method for Determination of Curcuminoids from <i>Curcuma longa</i> . <i>Journal of Liquid Chromatography and Related Technologies</i> , 2006, 29, 877-887.	1.0	33
28	Stability-Indicating LC-PDA Method for Determination of Picrosides in Hepatoprotective Indian Herbal Preparations of <i>Picrorhiza kurroa</i> . <i>Chromatographia</i> , 2009, 69, 221-227.	1.3	32
29	Bacosterol Glycoside, a New 13,14-Seco-steroid Glycoside from <i>Bacopa monnieri</i> . <i>Chemical and Pharmaceutical Bulletin</i> , 2006, 54, 240-241.	1.3	31
30	Multistage and Tandem Mass Spectrometry of Glycosylated Triterpenoid Saponins Isolated from <i>Bacopa monnieri</i> : Comparison of the Information Content Provided by Different Techniques. <i>Analytical Chemistry</i> , 2007, 79, 8214-8221.	6.5	31
31	Simultaneous Determination of Ten Sugars in <i>Tinospora cordifolia</i> by Ultrasonic Assisted Extraction and LC-ELSD. <i>Chromatographia</i> , 2010, 71, 633-638.	1.3	31
32	Volatile constituents of natural <i>Boswellia serrata</i> oleo-gum-resin and commercial samples. <i>Flavour and Fragrance Journal</i> , 2007, 22, 145-147.	2.6	29
33	Iron and Palladium(II) Phthalocyanines as Recyclable Catalysts for Reduction of Nitroarenes. <i>Catalysis Letters</i> , 2014, 144, 1258-1267.	2.6	29
34	Steroidal Saponins from <i>Asparagus racemosus</i> . <i>Chemical and Pharmaceutical Bulletin</i> , 2009, 57, 890-893.	1.3	28
35	Chemical composition and larvicidal activity of <i>Zanthoxylum armatum</i> against diamondback moth, <i>Plutella xylostella</i> . <i>Natural Product Research</i> , 2016, 30, 689-692.	1.8	27
36	Highly efficient water-mediated approach to access benzazoles: metal catalyst and base-free synthesis of 2-substituted benzimidazoles, benzoxazoles, and benzothiazoles. <i>Molecular Diversity</i> , 2015, 19, 263-272.	3.9	24

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37	Isolation of Phytochemicals from <i>Bauhinia variegata</i> L. Bark and Their In Vitro Antioxidant and Cytotoxic Potential. <i>Antioxidants</i> , 2019, 8, 492.	5.1	22
38	HPTLC determination of swertiamarin and amarogentin in <i>Swertia</i> species from the western Himalayas. <i>Journal of Planar Chromatography - Modern TLC</i> , 2006, 19, 212-215.	1.2	22
39	Highly efficient iron phthalocyanine catalyzed oxidative synthesis of imines from alcohols and amines. <i>Canadian Journal of Chemistry</i> , 2013, 91, 732-737.	1.1	21
40	Evaluation of several <i>Rosa damascena</i> varieties and <i>Rosa bourboniana</i> accession for essential oil content and composition in western Himalayas. <i>Journal of Essential Oil Research</i> , 2014, 26, 147-152.	2.7	20
41	Naturally occurring himachalenes to benzocycloheptene amino vinyl bromide derivatives: as antidepressant molecules. <i>Molecular Diversity</i> , 2012, 16, 357-366.	3.9	19
42	Synthesis of tertiary arylamines: Lewis acid-catalyzed direct reductive N-alkylation of secondary amines with ketones through an alternative pathway. <i>Chemical Communications</i> , 2016, 52, 9648-9651.	4.1	19
43	Nickel Phthalocyanine Assisted Highly Efficient and Selective Carbonyl Reduction in Polyethylene Glycol-400. <i>Catalysis Letters</i> , 2012, 142, 907-913.	2.6	18
44	Bioactive isoquinoline alkaloids from <i>Cissampelos pareira</i> . <i>Natural Product Research</i> , 2019, 33, 622-627.	1.8	17
45	Spatial and Temporal Variation of Secondary Metabolite Profiles in <i>Ginkgo biloba</i> Leaves. <i>Chemistry and Biodiversity</i> , 2012, 9, 409-417.	2.1	16
46	Immunomodulatory active steroidal saponins from <i>Asparagus racemosus</i> . <i>Medicinal Chemistry Research</i> , 2013, 22, 573-579.	2.4	16
47	A Rapid Determination of Podophyllotoxin in <i>Podophyllum hexandrum</i> by Reverse Phase High Performance Thin Layer Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 677-691.	1.0	15
48	Transition metal-free 1,3-dimethylimidazolium hydrogen carbonate catalyzed hydration of organonitriles to amides. <i>RSC Advances</i> , 2013, 3, 895-899.	3.6	15
49	Silica-based monolithic column with evaporative light scattering detector for HPLC analysis of bacosides and apigenin in <i>Bacopa monnieri</i> . <i>Journal of Separation Science</i> , 2009, 32, 2812-2818.	2.5	14
50	Comprehensive metabolic profiling of <i>Zanthoxylum armatum</i> and <i>Zanthoxylum acanthopodium</i> leaves, bark, flowers and fruits using ultra high performance liquid chromatography. <i>Separation Science Plus</i> , 2018, 1, 311-324.	0.6	12
51	Transition Metal-Free Sodium Borohydride Promoted Controlled Hydration of Nitriles to Amides. <i>Synthetic Communications</i> , 2013, 43, 2867-2875.	2.1	11
52	Pseudolycorine N-oxide, a new N-oxide from <i>Narcissus tazetta</i> . <i>Natural Product Research</i> , 2020, 34, 2051-2058.	1.8	10
53	Simultaneous quantification of flavonoids and biflavonoids in <i>Ginkgo biloba</i> using RP-HPTLC densitometry method. <i>Journal of Planar Chromatography - Modern TLC</i> , 2011, 24, 507-512.	1.2	9
54	Montmorillonite-Catalyzed Microwave-Assisted Direct Amidation of Unactivated Carboxylic Acids with Amines: Maintaining Chiral Integrity of Substrates. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 342-346.	2.7	8

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55	Narciclasine-4-O- β -D-xylopyranoside, a new narciclasine glycoside from <i>Zephyranthes minuta</i> . Natural Product Research, 2020, 34, 233-240.	1.8	8
56	Chemical prospection of important ayurvedic plant <i>Tinospora cordifolia</i> by UPLC-DAD-ESI-QTOF-MS/MS and NMR. Natural Product Communications, 2015, 10, 43-8.	0.5	8
57	Solvent-free, Leucine-Catalyzed Direct Dehydrative Esterification of Carboxylic Acids with Alcohols: Direct Synthesis of 3-Alkoxy 1-isobenzofuranone. Asian Journal of Organic Chemistry, 2018, 7, 227-231.	2.7	7
58	Cytomorphological studies and HPTLC fingerprinting in different plant parts of three wild morphotypes of <i>Datura metell.</i> "Thorn Apple" from North India. International Journal of Green Pharmacy, 2009, 3, 40.	0.1	6
59	An Efficient Microwave Assisted Extraction of Phenolic Compounds and Antioxidant Potential of <i>Ginkgo biloba</i> . Natural Product Communications, 2012, 7, 1934578X1200700.	0.5	6
60	Chemical Prospection of Important Ayurvedic Plant <i>Tinospora cordifolia</i> by UPLC-DAD-ESI-QTOF-MS/MS and NMR. Natural Product Communications, 2015, 10, 1934578X1501000.	0.5	6
61	Synthesis of novel antimicrobial aryl himachalene derivatives from naturally occurring himachalenes. EXCLI Journal, 2014, 13, 1216-25.	0.7	6
62	Direct Waste-Free Synthesis of Amides from Nonactivated Carboxylic Acids and Amines: Application to the Synthesis of Tetrahydroisoquinolines. Synthetic Communications, 2015, 45, 847-856.	2.1	5
63	Designing Vasicine-Derived Ligands and Their Application for Ruthenium-Catalyzed Transfer Hydrogenation Reactions in Water: Synthesis of Amines and Alcohols. Asian Journal of Organic Chemistry, 2016, 5, 1471-1479.	2.7	5
64	Chemical Composition of Essential Oil among Seven Populations of <i>Zanthoxylum armatum</i> from Himachal Pradesh: Chemotypic and Seasonal Variation. Natural Product Communications, 2017, 12, 1934578X1701201.	0.5	5
65	A new geranylbenzofuranone from <i>Zanthoxylum armatum</i> . Natural Product Communications, 2015, 10, 313-4.	0.5	5
66	Zephgrabetaine: A New Betaine-type Amaryllidaceae Alkaloid from <i>Zephyranthes grandiflora</i> . Natural Product Communications, 2013, 8, 1934578X1300800.	0.5	4
67	Water-Mediated Synthesis of Benzazole and Thiourea Motifs by Reacting Naturally Occurring Isothiocyanate with Amines. Synthetic Communications, 2015, 45, 2106-2114.	2.1	4
68	Reproducible reversed-phase high-performance thin-layer chromatography-based quality-control method for the endangered medicinal plant <i>Picrorhiza kurroa</i> Royle ex Benth.. Journal of Planar Chromatography - Modern TLC, 2015, 28, 256-261.	1.2	3
69	Screening of rhizomes of <i>Rheum emodi</i> Wall. Ex. Meissen for antimutagenic potential employing Ames assay. Nucleus (India), 2020, 63, 167-177.	2.2	2
70	Naturally Occurring Limonene to Cinnamyl-type β -Butyrolactone Substituted Aldol Condensation Derivatives as Antioxidant Compounds. Natural Product Communications, 2012, 7, 1934578X1200700.	0.5	1
71	HPTLC-densitometry method for simultaneous determination of major lignans and flavonoids in <i>Podophyllum hexandrum</i> . Journal of Planar Chromatography - Modern TLC, 2012, 25, 314-319.	1.2	0
72	Rapid validated RP-HPTLC method for the quantification of major bioactive constituents of <i>Crataegus oxyacantha</i> L.. Journal of Planar Chromatography - Modern TLC, 2012, 25, 415-419.	1.2	0

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73	Comparative evaluation of cytomorphological studies on 27 accessions of "Indian Ginseng" <i>Withania somnifera</i> (L.) Dunal from North India. <i>Revista Brasileira De Botanica</i> , 2014, 37, 583-596.	1.3	0