Jhillu Singh Yadav

List of Publications by Year
in descending order

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127	1,847	304743	377865
papers	citations	22 h-index	34 g-index

129	129	129	1562
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultrasound-accelerated synthesis of 3,4-dihydropyrimidin-2(1H)-ones with ceric ammonium nitrateâ€. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 1939-1941.	1.3	133
2	Three-component coupling reactions in ionic liquids: a facile synthesis of Î±-aminonitriles. New Journal of Chemistry, 2003, 27, 462-465.	2.8	77
3	Dy(OTf)3-immobilized in ionic liquids: a novel and recyclable reaction media for the synthesis of 2,3-unsaturated glycopyranosides. Journal of the Chemical Society, Perkin Transactions 1, 2002, , 2390-2394.	1.3	71
4	Gold(III) Chloride-Catalyzed Three-Component Reaction: A Facile Synthesis of Alkynyl Derivatives of 1,2-Dihydroquinolines and Isoquinolines. Journal of Organic Chemistry, 2008, 73, 6857-6859.	3.2	59
5	A concise stereoselective formal total synthesis of the cytotoxic macrolide (+)-Neopeltolide via Prins cyclization. Tetrahedron, 2010, 66, 480-487.	1.9	55
6	InBr3-Catalyzed Cyclization of Glycals with Aryl Amines. Angewandte Chemie - International Edition, 2003, 42, 5198-5201.	13.8	47
7	Synthesis of a Focused Chemical Library Based on Derivatives of Embelin, a Natural Product with Proapoptotic and Anticancer Properties. European Journal of Organic Chemistry, 2011, 2011, 1233-1241.	2.4	47
8	Amberlyst-15-Catalyzed Novel Synthesis of Tetrahydropyranols. Synthesis, 2001, 2001, 0885-0888.	2.3	37
9	Elemental iodine catalyzed [4 + 2] cycloaddition reactions of o-quinomethanes: an efficient synthesis of trans-fused pyrano[3,2-c]benzopyrans. Journal of the Chemical Society, Perkin Transactions 1, 2002, , 1401-1404.	1.3	36
10	Stereoselective total synthesis of (+)-strictifolione and (6R)-6-[(4R,6R)-4,6-dihydroxy-10-phenyldec-1-enyl]-5,6-dihydro-2H-pyran-2-one by Prins reaction and olefin cross-metathesis. Tetrahedron: Asymmetry, 2009, 20, 184-191.	1.8	36
11	Ceric(iv) ammonium nitrate-catalyzed glycosidation of glycals: a facile synthesis of 2,3-unsaturated glycosides. New Journal of Chemistry, 2001, 25, 538-540.	2.8	31
12	[bmim]PF6/CuBr: a novel and recyclable catalytic system for the synthesis of propargyl amines. New Journal of Chemistry, 2004, 28, 335.	2.8	31
13	Indium-mediated efficient conversion of azides to carbamates. New Journal of Chemistry, 2000, 24, 571-573.	2.8	30
14	Montmorillonite clay-catalyzed stereoselective syntheses of aryl-substituted (E)- and (Z)-allyl iodides and bromides. New Journal of Chemistry, 2001, 25, 1114-1117.	2.8	30
15	InCl3 immobilized in ionic liquids: a novel and recyclable catalytic system for tetrahydropyranylation and furanylation of alcohols. New Journal of Chemistry, 2003, 27, 202-204.	2.8	28
16	Green protocol for conjugate addition of amines to p-quinones accelerated by water. Monatshefte FÃ¼r Chemie, 2008, 139, 1317-1320.	1.8	27
17	Studies Directed Towards the Total Synthesis of (â€“)â€Dictyostatin. European Journal of Organic Chemistry, 2010, 2010, 2148-2156.	2.4	27
18	Enantioselective Total Synthesis of (+)â€Vittatalactone. European Journal of Organic Chemistry, 2011, 2011, 4603-4608.	2.4	27

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19	A mild and selective cleavage of tert-butyldimethylsilyl ethers by indium(III) chloride. New Journal of Chemistry, 2000, 24, 853-854.	2.8	26
20	[Bmim]PF6/RuCl3Â·xH2O: a novel and recyclable catalytic system for the oxidative coupling of Î²-naphthols. New Journal of Chemistry, 2003, 27, 1684-1686.	2.8	25
21	Tandem Ringâ€Closing/Crossâ€Metathesis Approach for the Synthesis of Synargentolide B and Its Stereoisomers. European Journal of Organic Chemistry, 2013, 2013, 4870-4878.	2.4	25
22	A practical synthesis of bis(indolyl)methanes employing boric acid. Monatshefte FÃ¼r Chemie, 2010, 141, 1001-1004.	1.8	23
23	Stereoselective Total Syntheses of Paecilomycins E and F through a Protecting Group Directed Diastereoselective Intermolecular Nozakiâ€“Hiyamaâ€“Kishi (NHK) Reaction. European Journal of Organic Chemistry, 2014, 2014, 5023-5032.	2.4	23
24	Synthesis of the C1-C13 Subunit of Spirastrellolides A and B by Prins Cyclization. Synthesis, 2010, 2010, 505-509.	2.3	21
25	Total Synthesis of a Diacetonide Derivative of Thuggacin A. Journal of Organic Chemistry, 2016, 81, 1786-1797.	3.2	21
26	Iodine as a mild, efficient, and cost-effective catalyst for the synthesis of thiiranes from oxiranes. Monatshefte FÃ¼r Chemie, 2008, 139, 1363-1367.	1.8	20
27	CsFâ€“Al2O3 mediated rapid condensation of phenols with aryl halides: comparative study of conventional heating vs. microwave irradiation. New Journal of Chemistry, 2000, 24, 489-491.	2.8	19
28	Total Synthesis of (+)â€Bourgeanic Acid Utilizing Desymmetrization Strategy. European Journal of Organic Chemistry, 2011, 2011, 58-61.	2.4	19
29	Rugulactone derivatives act as inhibitors of NF-Î°B activation and modulates the transcription of NF-Î°B dependent genes in MDA-MB-231cells. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1389-1396.	2.2	19
30	First Stereoselective Total Synthesis of Cryptomoscatone D2 and Syntheses of (5R,7S)-Kurzilactone and (+)-Cryptofolione by an Asymmetric Acetate Aldol Approach. Synthesis, 2012, 44, 1365-1372.	2.3	18
31	Three-Component Reaction of Aldose Sugars, Aryl Amines, and 1,3-Diones:â€‰ A Novel Synthesis of Annulated Pyrroles. Journal of Organic Chemistry, 2008, 73, 3252-3254.	3.2	17
32	Towards the Synthesis of (â€“)â€Callipeltoside A: Stereoselective Synthesis of the C1â€“C14 Macrolactone Core. European Journal of Organic Chemistry, 2012, 2012, 2062-2071.	2.4	17
33	Total Synthesis of Nhatrangin A. Journal of Organic Chemistry, 2013, 78, 8524-8530.	3.2	17
34	Iterative Iodocyclization: Total Synthesis of Polyrhacitide B. Synthesis, 2014, 46, 1639-1647.	2.3	17
35	A Review on Synthetic Advances toward the Synthesis of Apremilast, an Anti-inflammatory Drug. Organic Process Research and Development, 2021, 25, 1512-1523.	2.7	17
36	First Stereoselective Total Synthesis and Biological Evaluation of Amphidinin B and Its Analogues. European Journal of Organic Chemistry, 2011, 2011, 696-706.	2.4	16

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37	Total Synthesis and Stereochemical Revision of 4,8-Dihydroxy-3,4-dihydrovernoniyne. Organic Letters, 2017, 19, 4167-4170.	4.6	16
38	Production of l (+) lactic acid by Lactobacillus delbrueckii immobilized in functionalized alginate matrices. World Journal of Microbiology and Biotechnology, 2008, 24, 1411-1415.	3.6	15
39	Stereoselective Total Synthesis of Obolactone via Prins Cyclization. Synthesis, 2010, 2010, 1171-1175.	2.3	15
40	Stereoselective Total Synthesis of Attenols A and B. European Journal of Organic Chemistry, 2013, 2013, 6317-6324.	2.4	15
41	The First Stereoselective Total Synthesis of (â€“)â€Synrotolide. European Journal of Organic Chemistry, 2014, 2014, 455-465.	2.4	15
42	A Formal Synthesis of Herboxidiene/GEX1A. European Journal of Organic Chemistry, 2014, 2014, 4389-4397.	2.4	15
43	Total synthesis of desacetylumuravumbolide, umuravumbolide and their biological evaluation. RSC Advances, 2012, 2, 7241.	3.6	14
44	Synthesis of the Câ€8â€“Câ€24 Fragment of Maltepolide C by Using a Tandem DiÂhydroxylation/S_N2 Cyclization Sequence. European Journal of Organic Chemistry, 2015, 2015, 5266-5274.	2.4	14
45	Stereoselective Synthesis of the C(1)Â-ÂC(28) Fragment of Amphidinol 3. Helvetica Chimica Acta, 2016, 99, 436-446.	1.6	14
46	Total synthesis of the marine polypropionates, siphonarienal, siphonarienone, and pectinatone. Tetrahedron: Asymmetry, 2009, 20, 2205-2210.	1.8	13
47	4-N-pyridin-2-yl-benzamide nanotubes compatible with mouse stem cell and oral delivery inDrosophila. Nanotechnology, 2010, 21, 155102.	2.6	13
48	General Strategy for Large-Scale Synthesis of (+)-Rivastigmine and (+)-NPS R-568. Synthetic Communications, 2012, 42, 589-598.	2.1	13
49	Stereoselective Total Synthesis of Stagonolide C. Helvetica Chimica Acta, 2012, 95, 227-234.	1.6	13
50	First stereoselective total synthesis of cryptomoscatone E1 and synthesis of (+)-goniothalamin via an asymmetric acetate aldol reaction. RSC Advances, 2013, 3, 5254.	3.6	13
51	Studies toward the Total Synthesis of Carolacton. Synthesis, 2013, 45, 251-259.	2.3	13
52	Novel iodine catalyzed diastereoselective synthesis of trans-2,6-disubstituted tetrahydro-2H-pyrans: synthesis of C1â€“C13 fragment of bistramide-A. Tetrahedron Letters, 2013, 54, 5879-5882.	1.4	12
53	Divergent Enantioselective Total Synthesis of Siphonarienal, Siphonarienone, and Pectinatone. Helvetica Chimica Acta, 2013, 96, 1968-1977.	1.6	12
54	Total Synthesis of 4-Ketoclonostachydiol. Synthesis, 2014, 46, 2347-2352.	2.3	12

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55	Concise total synthesis of botryolide B. RSC Advances, 2014, 4, 8335.	3.6	12
56	Synthesis of the Spiroketal Fragment of (â€“)â€Ushikulide A. European Journal of Organic Chemistry, 2014, 2014, 5574-5581.	2.4	12
57	Total synthesis of (Â±)-elegansidiol, (Â±)-farnesiferol B, and (Â±)-farnesiferol D. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 3814-3817.	2.2	11
58	Convergent Synthesis of Passifloricin A via a Prins Cyclisation and Olefin Cross-Metathesis Approach. Synthesis, 2010, 2010, 3891-3898.	2.3	11
59	Synthesis of the C45â€“C53 tetrahydropyran domain of norhalichondrins and the C14â€“C22 tetrahydrofuran domain of the halichondrin family. RSC Advances, 2012, 2, 10157.	3.6	11
60	The First Total Synthesis of Synparvolide C. European Journal of Organic Chemistry, 2013, 2013, 6702-6709.	2.4	11
61	Protecting Group Free Formal Total Synthesis of the Antitubercular Agent Erogorgiaene. European Journal of Organic Chemistry, 2012, 2012, 2072-2076.	2.4	10
62	Concise Total Synthesis of Helicascolides A, B, and C. Synthesis, 2013, 45, 1034-1038.	2.3	10
63	Application of oxetane ring opening toward stereoselective synthesis of zincophorin fragment. Tetrahedron Letters, 2014, 55, 3996-3998.	1.4	10
64	Stereoselective Total Synthesis of Cryptomoscatone F1. Synthesis, 2016, 48, 1561-1567.	2.3	10
65	Synthetic Approaches toward the Synthesis of Brivaracetam: An Antiepileptic Drug. ACS Omega, 2022, 7, 2486-2503.	3.5	10
66	Stereoselective Synthesis of (4S,6S)-6-Hydroxy-4-undecanolide: A Pheromone of the Giant White Butterfly Idea leuconoe. Synthesis, 2012, 2012, 579-584.	2.3	9
67	Highly Concise and Stereoselective Total Synthesis of (5R,7S)â€Kurzilactone. Helvetica Chimica Acta, 2012, 95, 1226-1230.	1.6	9
68	A Carbohydrate-Based Approach for the Total Synthesis of Xyolide. Synlett, 2013, 24, 2679-2682.	1.8	9
69	Stereoselective synthesis of the C1â€“C8 and C9â€“C16 fragments of revised structure of (â^')-lyngbouilloside. RSC Advances, 2014, 4, 3149-3152.	3.6	9
70	Selective acylation of aliphatic alcohols in the presence of phenolic hydroxyl groups. New Journal of Chemistry, 2000, 24, 63-64.	2.8	8
71	Stereoselective Total Synthesis of (-)-Colletol by Prins Cyclisation. Synthesis, 2010, 2010, 1473-1478.	2.3	8
72	Total Synthesis of (-)-Invictolide. Synthesis, 2012, 44, 2595-2600.	2.3	8

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73	Studies Directed Towards the Synthesis of Bryostatin: A Stereoselective Synthesis of the C7â€“C16 Fragment. Synthesis, 2012, 44, 3077-3084.	2.3	8
74	1,4â€Dipolar Cycloaddition Reactions in Ionic Liquids: A Facile Synthesis of 9aH,15Hâ€[1]Benzopyrano[3â€²,2â€²:â€‰3,4]pyrido[2,1â€a]isoquinolines (=9aH,15Hâ€Benzo[a][1]benzopyrano[2,3â€h]quinolizines). Helvetica Chimica Acta, 2012, 95, 76-86.	1.6	8
75	Stereoselective Total Synthesis of Rhoiptelol B via Prins Cyclization. Synlett, 2014, 25, 661-664.	1.8	8
76	Stereoselective Total Syntheses of Acutifolone A, Bisacutifolone A and B, Pinguisenol, and Isonaviculol. ACS Omega, 2018, 3, 636-647.	3.5	8
77	Studies towards the Synthesis of Aldgamycin â€“ M. ChemistrySelect, 2019, 4, 3002-3005.	1.5	8
78	Towards the total synthesis of etnangien: synthesis of C32â€“C42 fragment by using a desymmetrization strategy. Tetrahedron: Asymmetry, 2010, 21, 2524-2529.	1.8	7
79	Enantioselective Total Synthesis of (+)- and (-)-Vittatalactone. Synthesis, 2012, 2012, 628-634.	2.3	7
80	A New Stereoselective Total Synthesis of Phomonol. Helvetica Chimica Acta, 2014, 97, 1326-1332.	1.6	7
81	First Stereoselective Synthesis of (6R,7R,8S)-8-Chlorogoniodiol. Synthesis, 2017, 49, 2483-2487.	2.3	7
82	Total Synthesis and Structural Revision of Greensporone F and Dechlorogreensporone F. Journal of Organic Chemistry, 2020, 85, 12418-12429.	3.2	7
83	Total Synthesis of Aculeatins A and B from <scp>L</scp>â€Malic Acid. Helvetica Chimica Acta, 2010, 93, 2426-2432.	1.6	6
84	First Total Synthesis of Pinolide. European Journal of Organic Chemistry, 2013, 2013, 6967-6972.	2.4	6
85	GaCl3-catalyzed activation of alkynyl glycosides for the synthesis of O-glycosides. Monatshefte FÃ¼r Chemie, 2014, 145, 517-520.	1.8	6
86	Stereoselective synthesis of the C21â€“C29 fragment of (+)-Sorangicin A employing iodocyclization reactions. Tetrahedron Letters, 2015, 56, 5930-5932.	1.4	6
87	Studies towards the total synthesis of Phostriecin. Tetrahedron Letters, 2018, 59, 454-456.	1.4	6
88	Palladium Hydroxide Catalyzed Transformation of Primary Propargylic Alcohols into Aldehydes: Application to the Synthesis of the Tetrahydrofuran Core. Synthesis, 2012, 44, 1657-1662.	2.3	5
89	A Practical Total Synthesis of Both E- and Z-Isomers of Optically Pure (S)-14-Methylhexadec-8-enal (Trogodermal). Synthesis, 2013, 45, 1513-1518.	2.3	5
90	The First Total Synthesis of Pectinolide F. Synthesis, 2014, 46, 1757-1764.	2.3	5

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91	Stereoselective Synthesis of the C1â€“C16 Fragment of the Purported Structure of Formosalide B. ACS Omega, 2020, 5, 10217-10224.	3.5	5
92	Zn Mediated Urea Bond Formation: A Novel and Convenient Method. ChemistrySelect, 2022, 7, .	1.5	5
93	Synthesis of (4R,6S,7R)-7-hydroxy-4,6-dimethyl-3-nonanone and (3R,5S,6R)-6-hydroxy-3,5-dimethyl-2-octanone. Tetrahedron: Asymmetry, 2011, 22, 2071-2079.	1.8	4
94	Synthesis of the Major Oxepane Segment of Zoapatanol. Helvetica Chimica Acta, 2013, 96, 663-674.	1.6	4
95	A Concise and Convergent Total Synthesis of Two Novel Cytotoxic Hydroquinones, Lanneaquinol and (R)â€²â€²â€²Hydroxylanneaquinol. Helvetica Chimica Acta, 2013, 96, 1983-1990.	1.6	4
96	Stereoselective Total Synthesis of Pectinolide H. Synthesis, 2013, 45, 651-654.	2.3	4
97	Total Syntheses of Dendrodolides A, B, and E. Asian Journal of Organic Chemistry, 2014, 3, 1210-1216.	2.7	4
98	Stereoselective Total Synthesis of Mangiferaelactone using <scp>D</scp>â€Mannose as a Chiral Pool. Helvetica Chimica Acta, 2015, 98, 1395-1402.	1.6	4
99	An Enantioselective Approach to Pinguisane Sesquiterpenes: Total Synthesis of (â€“)â€Pinguisenol and (â€“)â€Isonaviculol. European Journal of Organic Chemistry, 2017, 2017, 2824-2830.	2.4	4
100	Studies towards the Synthesis of Thermolideâ€“6â€². ChemistrySelect, 2018, 3, 1000-1003.	1.5	4
101	Formal synthesis of Pellasoren â€“ A. Tetrahedron Letters, 2018, 59, 4209-4212.	1.4	4
102	Metal free montmorillonite KSF clay catalyzed practical synthesis of benzoxazoles and benzothiazoles under aerobic conditions. Synthetic Communications, 2019, 49, 3335-3342.	2.1	4
103	Stereoselective total synthesis of (â˜)-galantinic acid and 1-deoxy-5-hydroxysphingolipids via prins cyclization. Tetrahedron Letters, 2020, 61, 152149.	1.4	4
104	Vanillin containing 9H-fluoren sulfone scaffolds: Synthesis, biological evaluation and molecular docking study. Results in Chemistry, 2022, 4, 100269.	2.0	4
105	Review of Synthetic Approaches toward the Synthesis of Cariprazine, an Antipsychotic Drug. Organic Process Research and Development, 2022, 26, 493-507.	2.7	4
106	Synthetic Applications of Prins Cyclization in Natural Product Syntheses. Chemical Record, 2022, 22, e202200044.	5.8	4
107	Metal triflates catalyzed efficient synthesis of 3,4-dihydro-2H-1-benzopyrans. Journal of the Chemical Society, Perkin Transactions 1, 2002, , 165-171.	1.3	3
108	An iterative, facile stereoselective synthesis of C1-C11 fragment of borrelidin via enzymatic desymmetrization strategy. RSC Advances, 2013, 3, 4024.	3.6	3

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109	An Efficient Stereoselective Synthesis of Key Fragments of Elaiophylin. Helvetica Chimica Acta, 2016, 99, 506-512.	1.6	3
110	Studies towards the Total Synthesis of Aspergillideâ€B. ChemistrySelect, 2018, 3, 3391-3393.	1.5	3
111	Total synthesis of cytotoxic pyranone B. Synthetic Communications, 2018, 48, 3133-3138.	2.1	3
112	Stereoselective synthesis of C12â€“C21 common fragment of thermolides 1â€“5. Tetrahedron Letters, 2018, 59, 2828-2830.	1.4	3
113	Stereoselective Total Synthesis of (â€)â€Ebelactone A. ChemistrySelect, 2020, 5, 2763-2766.	1.5	3
114	Synthesis of chiral propargyl alcohols following the base-induced elimination protocol: application in the total synthesis of natural products. New Journal of Chemistry, 2020, 44, 4972-4986.	2.8	3
115	Enantioselective epoxidation by the chiral auxiliary approach: Asymmetric total synthesis of (+)â€Ambrisentan. Journal of Heterocyclic Chemistry, 2021, 58, 942-946.	2.6	3
116	Concise total synthesis of antiarrhythmic drug dronedarone via a conjugate addition followed intramolecular heck cyclization. Journal of Heterocyclic Chemistry, 2021, 58, 1861-1866.	2.6	3
117	Sulfate Encapsulation in Supramolecular Structures from <scp>L</scp>â€Asparagineâ€Derived 2,5â€Diketopiperazine Scaffolds: Anion Binding. European Journal of Organic Chemistry, 2014, 2014, 7015-7022.	2.4	2
118	General Asymmetric Synthetic Strategy for the Î±â€Alkylated 2,5,6â€Trisubstituted Pyran of Indanomycin and Related Natural Products. European Journal of Organic Chemistry, 2020, 2020, 1947-1955.	2.4	2
119	A short and facile stereoselective total synthesis of cryptocarya diacetate. Monatshefte FÃ¼r Chemie, 2013, 144, 1583-1587.	1.8	1
120	Studies directed towards the total synthesis of narbonolide: stereoselective synthesis of the C1â€“C15 chain. Tetrahedron Letters, 2013, 54, 3329-3331.	1.4	1
121	Studies towards the Synthesis of Lepranthin. ChemistrySelect, 2018, 3, 1024-1026.	1.5	1
122	Studies towards the Synthesis of Portentol. ChemistrySelect, 2018, 3, 11316-11319.	1.5	1
123	Towards the total synthesis of metacridamides A and B. Tetrahedron Letters, 2022, 91, 153640.	1.4	1
124	Studies Towards the Synthesis of Stereoisomer of Acremolide B. ChemistrySelect, 2017, 2, 1850-1853.	1.5	0
125	Stereoselective Total Synthesis of (S)-Stigmolone: A Fruiting-Body-Inducing Pheromone. Synthesis, 2017, 49, 1702-1706.	2.3	0
126	Progress towards the Synthesis of (â€)â€Ushikulide A: Synthesis of C1â€C15 Aliphatic and C17â€C31 Spiroketal Fragments by an Aldol Approach. ChemistrySelect, 2019, 4, 4726-4730.	1.5	0

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127	Desymmetrisation of meso â€2,4â€Dimethylâ€8â€oxabicyclo[3.2.1]â€octâ€6â€eneâ€3â€ol and its Application in Natural Product Syntheses. Chemical Record, 2022, 22, .	5.8	0