Dattatraya H Dethe

List of Publications by Year
in descending order

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68	1,377	331670 21	395702 33
papers	citations	h-index	g-index

86	86	86	1391
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biomimetic Total Syntheses of Flinderoles B and C. Journal of the American Chemical Society, 2011, 133, 2864-2867.	13.7	75
2	Total Synthesis of Antibiotics GE2270A and GE2270T. Angewandte Chemie - International Edition, 2006, 45, 7786-7792.	13.8	63
3	Base-Mediated Hydroamination of Propargylamine: A Regioselective Intramolecular 5-exo-dig Cycloisomerization en Route to Imidazole-2-thione. Organic Letters, 2014, 16, 5788-5791.	4.6	62
4	Unsymmetrical Disulfide Synthesis through Photoredox Catalysis. Advanced Synthesis and Catalysis, 2018, 360, 3020-3025.	4.3	61
5	Total Synthesis of Thiopeptide Antibiotics GE2270A, GE2270T, and GE2270C1. Chemistry - an Asian Journal, 2008, 3, 413-429.	3.3	59
6	Chemical Synthesis and Biological Evaluation of Palmerolide A Analogues. Journal of the American Chemical Society, 2008, 130, 10019-10023.	13.7	59
7	FeCl₃ Catalyzed Prins-Type Cyclization for the Synthesis of Highly Substituted Indenes: Application to the Total Synthesis of (Â±)-Jungianol and epi-Jungianol. Organic Letters, 2013, 15, 429-431.	4.6	53
8	Enantiospecific First Total Synthesis and Assignment of Absolute Configuration of the Sesquiterpene (â˜')-Cucumin Hâ€. Organic Letters, 2003, 5, 2295-2298.	4.6	50
9	Synthetic Approaches to Guanacastepenes. Enantiospecific Syntheses of BC and AB Ring Systems of Guanacastepenes and Rameswaralideâ€. Organic Letters, 2004, 6, 165-168.	4.6	47
10	Biomimetic Total Syntheses of Borreverine and Flinderole Alkaloids. Journal of Organic Chemistry, 2013, 78, 10106-10120.	3.2	47
11	An asymmetric alkynylation/hydrothiolation cascade: an enantioselective synthesis of thiazolidine-2-imines from imines, acetylenes and isothiocyanates. Chemical Communications, 2015, 51, 14215-14218.	4.1	45
12	Cu(OTf)2 catalysed [6+2] cycloaddition reaction for the synthesis of highly substituted pyrrolo[1,2-a]indoles: rapid construction of the yuremamine core. Chemical Communications, 2013, 49, 3260.	4.1	40
13	Protecting group free enantiospecific total syntheses of structurally diverse natural products of the tetrahydrocannabinoid family. Chemical Communications, 2015, 51, 2871-2873.	4.1	35
14	Remarkable Switch of Regioselectivity in Dielsâ€“Alder Reaction: Divergent Total Synthesis of Borreverine, Caulindoles, and Flinderoles. Organic Letters, 2014, 16, 2764-2767.	4.6	32
15	Total syntheses of amythiamicins A, B and C. Chemical Communications, 2008, , 2632.	4.1	26
16	FeCl3 mediated intramolecular olefin-cation cyclization of cinnamates for the synthesis of highly substituted indenes. Chemical Communications, 2013, 49, 8051.	4.1	26
17	FeCl₃ mediated synthesis of substituted indenones by a formal [2+2] cycloaddition/ring opening cascade of o-keto-cinnamates. Chemical Communications, 2015, 51, 10891-10894.	4.1	25
18	Biomimetic Enantioselective Total Synthesis of (â˜')-Mycoleptodiscin A. Organic Letters, 2016, 18, 6392-6395.	4.6	25

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19	Biomimetic Total Syntheses of Callistrilones A, B, and D. Organic Letters, 2018, 20, 680-683.	4.6	25
20	Enantiospecific construction of the BC-ring system of taxanes. Tetrahedron Letters, 2004, 45, 2939-2942.	1.4	21
21	FeCl₃-Catalyzed Intramolecular Michael Reaction of Styrenes for the Synthesis of Highly Substituted Indenes. Journal of Organic Chemistry, 2015, 80, 8367-8376.	3.2	21
22	Cp*Co(III)-Catalyzed Ketone-Directed ortho-Câ€“H Activation for the Synthesis of Indene Derivatives. Journal of Organic Chemistry, 2020, 85, 7565-7575.	3.2	21
23	Enantioselective Total Syntheses of (+)-Hostmanin A, (â˜)-Linderol A, (+)-Methyllinderatin and Structural Reassignment of Adunctin E. Journal of Organic Chemistry, 2015, 80, 4526-4531.	3.2	20
24	Total Synthesis of Adunctin B. Journal of Organic Chemistry, 2018, 83, 3392-3396.	3.2	19
25	Enantioselective Total Synthesis and Assignment of the Absolute Configuration of the Meroterpenoid (+)-Taondiol. Organic Letters, 2018, 20, 2766-2769.	4.6	19
26	An efficient ring-closing metathesis reaction of geminally disubstituted olefins using first generation Grubbsâ€™ catalyst: enantiospecific synthesis of pacifigorgianes. Tetrahedron Letters, 2003, 44, 7817-7820.	1.4	17
27	Diversityâ€Oriented Synthesis of Calothrixins and Ellipticines. European Journal of Organic Chemistry, 2014, 2014, 6953-6962.	2.4	17
28	Lewis acid catalyzed Nazarov type cyclization for the synthesis of a substituted indane framework: total synthesis of (Â±)-mutisianthol. Organic Chemistry Frontiers, 2015, 2, 645-648.	4.5	17
29	Enantiospecific Syntheses of Hongoquercins A and B and Chromazonarol. European Journal of Organic Chemistry, 2017, 2017, 1143-1150.	2.4	17
30	Ruthenium-Catalyzed Direct Dehydrogenative Cross-Coupling of Allyl Alcohols and Acrylates: Application to Total Synthesis of Hydroxy Î²-Sanshool, ZP-Amide I, and Chondrillin. Organic Letters, 2020, 22, 1618-1623.	4.6	17
31	Biomimetic total syntheses of chromane meroterpenoids, guadials B and C, guapsidial A and psiguajadial D. Organic and Biomolecular Chemistry, 2018, 16, 4793-4796.	2.8	16
32	Concise asymmetric total synthesis of bruceolline J. Organic Chemistry Frontiers, 2015, 2, 548-551.	4.5	15
33	Thiolâ€“Yne Coupling of Propargylamine under Solventâ€Free Conditions by Bond Anion Relay Chemistry: An Efficient Synthesis of Thiazolidinâ€2â€ylideneamine. European Journal of Organic Chemistry, 2017, 2017, 4130-4139.	2.4	15
34	Enantiospecific total syntheses of meroterpenoids (â˜)-F1839-I and (â˜)-corallidictyals B and D. Organic and Biomolecular Chemistry, 2017, 15, 65-68.	2.8	15
35	Conformational Study and Vibrational Spectroscopic (FT-IR and FT-Raman) Analysis of an Alkaloid-Borreverine Derivative. Analytical Sciences, 2017, 33, 99-104.	1.6	15
36	Expedient synthesis of densely substituted pyrrolo[1,2-a]indoles. Organic and Biomolecular Chemistry, 2016, 14, 5843-5860.	2.8	14

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37	A Novel Pdâ€Catalysed Annulation Reaction for the Syntheses of Pyrroloindoles and Pyrroloquinolines. Chemistry - A European Journal, 2016, 22, 106-110.	3.3	13
38	Enantiospecific Total Syntheses of (+)â€Hapalindole H and (â^')â€12â€epiâ€Hapalindole U. Chemistry - A European Journal, 2018, 24, 8980-8984.	3.3	13
39	Total Synthesis of (+)-Strongylophorines 2 and 9. Organic Letters, 2019, 21, 3799-3803.	4.6	13
40	Enantiospecific Total Syntheses and Assignment of Absolute Configuration of Cannabinolâ€Skeletal Carbazole Alkaloids Murrayaminesâ€O and â€P. Chemistry - A European Journal, 2015, 21, 8347-8350.	3.3	12
41	An efficient construction of a C3-symmetric macrocycle by head to tail cyclotrimerization of an unsymmetrical diene via a sequence of highly regio- and stereoselective metathesis reactions. Tetrahedron Letters, 2005, 46, 3381-3383.	1.4	11
42	Ruthenium-catalyzed formal sp³ Câ€“H activation of allylsilanes/esters with olefins: efficient access to functionalized 1,3-dienes. Chemical Science, 2021, 12, 4367-4372.	7.4	10
43	Asymmetric Ru/Cinchonine Dual Catalysis for the One-Pot Synthesis of Optically Active Phthalides from Benzoic Acids and Acrylates. Journal of Organic Chemistry, 2022, 87, 4617-4630.	3.2	9
44	Bio-inspired enantioselective total syntheses of (â^')-viminalins A, B, H, I, and N and structural reassignment of (â^')-viminalin M. Organic and Biomolecular Chemistry, 2019, 17, 7507-7516.	2.8	8
45	Enantiospecific Total Synthesis of (â^')-Japonicol C. Organic Letters, 2021, 23, 2648-2653.	4.6	8
46	Weakly Coordinating, Hydroxyl Directed Ruthenium Catalyzed Câ€“H Alkylation of Ubiquitous Benzyl Alcohols with Maleimides. Organic Letters, 2021, 23, 6267-6271.	4.6	8
47	Asymmetric first total syntheses and assignment of absolute configuration of oxazinin-5, oxazinin-6 and preoxazinin-7. Organic and Biomolecular Chemistry, 2011, 9, 7990.	2.8	7
48	Biomimetic Enantioselective Total Synthesis of (â^')-Petromindole. Organic Letters, 2018, 20, 632-635.	4.6	7
49	Sc(OTf)₃-Catalyzed Synthesis of Symmetrical Dithioacetals and Bisarylmethanes Using Nitromethane as a Methylene Source. Organic Letters, 2020, 22, 5778-5782.	4.6	7
50	Enantioselective first total syntheses of the antiviral natural products xiamycins D and E. Chemical Communications, 2021, 57, 10644-10646.	4.1	7
51	Hg(OAc)₂ mediated highly regio- and/or diastereoselective allylic tert-acetylation of olefins. Organic Chemistry Frontiers, 2015, 2, 159-162.	4.5	6
52	Design, synthesis, and SAR of N-((1-(4-(propylsulfonyl)piperazin-1-yl)cycloalkyl)methyl)benzamide inhibitors of glycine transporter-1. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 1257-1261.	2.2	5
53	A glowing antioxidant from tasar silk cocoon. RSC Advances, 2015, 5, 104563-104573.	3.6	5
54	Oneâ€Pot Synthesis of 2â€Aminoâ€1,3â€selenazole via an Intermediary Amidinoselenourea. European Journal of Organic Chemistry, 2015, 2015, 3230-3234.	2.4	5

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55	Ruthenium-Catalyzed Oxidative Cross-Coupling Reaction of Activated Olefins with Vinyl Boronates for the Synthesis of (E,E)-1,3-Dienes. Journal of Organic Chemistry, 2021, 86, 3444-3455.	3.2	5
56	Ruthenium-catalyzed stereo- and chemoselective oxidative coupling of vinyl ketones: efficient access to (E,E)-1,6-dioxo-2,4-dienes. Chemical Communications, 2022, 58, 3063-3066.	4.1	5
57	Synthesis of Polyene Bioactive Natural Products: FR252921 and Vitamin A. Organic Letters, 2022, 24, 2203-2207.	4.6	5
58	Enantioselective total syntheses and determination of absolute configuration of marine toxins, oxazinins. RSC Advances, 2013, 3, 23692.	3.6	4
59	Combine experimental and theoretical investigation on an alkaloidâ€“Dimethylisoborreverine. Journal of Molecular Structure, 2016, 1103, 187-201.	3.6	4
60	Structural and spectroscopic analysis of indole alkaloids: Molecular docking and DFT approach. Journal of Molecular Structure, 2018, 1153, 262-274.	3.6	4
61	Total Synthesis of (â^')-Phomoarcherin C. Journal of Organic Chemistry, 2019, 84, 14053-14060.	3.2	4
62	A new dibenzofuran derivative from the stem bark of Scyphocephalium ochocoa with anti-inflammatory and cytotoxic activities. Natural Product Research, 2022, 36, 1503-1514.	1.8	4
63	Synthetic Studies toward the Natural Product Tripartin, the First Natural Histone Lysine Demethylase Inhibitor. ACS Omega, 2018, 3, 9303-9309.	3.5	3
64	Femtosecond dynamics of photoinduced cis-trans isomerization of ethyl-3-(1H-indole-3-yl)acrylate. Chemical Physics Letters, 2015, 638, 31-37.	2.6	2
65	Carboxylic Acid Promoted, Redoxâ€Neutral Ruâ€Catalyzed Câ^'H Allylation of Aromatic Ketones. European Journal of Organic Chemistry, 2021, 2021, 4611-4615.	2.4	2
66	Bioinspired Enantioselective Total Syntheses of Antibacterial Callistrilones Enabled by Double SN2â€² Cascade. Chemical Communications, 2022, , .	4.1	2
67	Rapid Oneâ€Pot Access to Unique 3,4â€Dihydrothiopyrano[3,4â€b]indolâ€1(9H)â€imines via Bi(OTf)₃â€Catalysed Tandem Friedelâ€“Crafts Alkylation/Thiaâ€Michael Addition. European Journal of Organic Chemistry, 2018, 2018, 5417-5421.	2.4	1
68	Thiol-Yne Coupling of Propargylamine under Solvent-Free Conditions by Bond Anion Relay Chemistry: An Efficient Synthesis of Thiazolidin-2-ylideneamine. European Journal of Organic Chemistry, 2018, 2018, 7057-7057.	2.4	0