

Dattatraya H Dethe

List of Publications by Year in descending order

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68
papers

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331670

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docs citations

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times ranked

1391
citing authors

#	ARTICLE	IF	CITATIONS
1	A new dibenzofuran derivative from the stem bark of <i>Scyphocephalum ochocoa</i> with anti-inflammatory and cytotoxic activities. <i>Natural Product Research</i> , 2022, 36, 1503-1514.	1.8	4
2	Ruthenium-catalyzed stereo- and chemoselective oxidative coupling of vinyl ketones: efficient access to <i>E,E</i> -1,6-dioxo-2,4-dienes. <i>Chemical Communications</i> , 2022, 58, 3063-3066.	4.1	5
3	Bioinspired Enantioselective Total Syntheses of Antibacterial Callistrilones Enabled by Double S_N2 Cascade. <i>Chemical Communications</i> , 2022, , .	4.1	2
4	Asymmetric Ru/Cinchonine Dual Catalysis for the One-Pot Synthesis of Optically Active Phthalides from Benzoic Acids and Acrylates. <i>Journal of Organic Chemistry</i> , 2022, 87, 4617-4630.	3.2	9
5	Synthesis of Polyene Bioactive Natural Products: FR252921 and Vitamin A. <i>Organic Letters</i> , 2022, 24, 2203-2207.	4.6	5
6	Enantioselective first total syntheses of the antiviral natural products xiamycins D and E. <i>Chemical Communications</i> , 2021, 57, 10644-10646.	4.1	7
7	Ruthenium-Catalyzed Oxidative Cross-Coupling Reaction of Activated Olefins with Vinyl Boronates for the Synthesis of <i>E,E</i> -1,3-Dienes. <i>Journal of Organic Chemistry</i> , 2021, 86, 3444-3455.	3.2	5
8	Enantiospecific Total Synthesis of ($\hat{\alpha}$)-Japonicol C. <i>Organic Letters</i> , 2021, 23, 2648-2653.	4.6	8
9	Weakly Coordinating, Hydroxyl Directed Ruthenium Catalyzed $C\hat{\alpha}$ -H Alkylation of Ubiquitous Benzyl Alcohols with Maleimides. <i>Organic Letters</i> , 2021, 23, 6267-6271.	4.6	8
10	Carboxylic Acid Promoted, Redox-Neutral Ru-Catalyzed $C\hat{\alpha}$ -H Alkylation of Aromatic Ketones. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 4611-4615.	2.4	2
11	Ruthenium-catalyzed formal sp^3 $C\hat{\alpha}$ -H activation of allylsilanes/esters with olefins: efficient access to functionalized 1,3-dienes. <i>Chemical Science</i> , 2021, 12, 4367-4372.	7.4	10
12	$Cp^*Co(III)$ -Catalyzed Ketone-Directed <i>ortho</i> - $C\hat{\alpha}$ -H Activation for the Synthesis of Indene Derivatives. <i>Journal of Organic Chemistry</i> , 2020, 85, 7565-7575.	3.2	21
13	$Sc(OTf)_3$ -Catalyzed Synthesis of Symmetrical Dithioacetals and Bisarylmethanes Using Nitromethane as a Methylene Source. <i>Organic Letters</i> , 2020, 22, 5778-5782.	4.6	7
14	Ruthenium-Catalyzed Direct Dehydrogenative Cross-Coupling of Allyl Alcohols and Acrylates: Application to Total Synthesis of Hydroxy \hat{I}^2 -Sanshool, ZP-Amide I, and Chondrillin. <i>Organic Letters</i> , 2020, 22, 1618-1623.	4.6	17
15	Bio-inspired enantioselective total syntheses of ($\hat{\alpha}$)-viminalins A, B, H, I, and N and structural reassignment of ($\hat{\alpha}$)-viminalin M. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 7507-7516.	2.8	8
16	Total Synthesis of ($\hat{\alpha}$)-Phomoarcherin C. <i>Journal of Organic Chemistry</i> , 2019, 84, 14053-14060.	3.2	4
17	Total Synthesis of (+)-Strongylophorines 2 and 9. <i>Organic Letters</i> , 2019, 21, 3799-3803.	4.6	13
18	Total Synthesis of Adunctin B. <i>Journal of Organic Chemistry</i> , 2018, 83, 3392-3396.	3.2	19

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19	Enantioselective Total Synthesis and Assignment of the Absolute Configuration of the Meroterpenoid (+)-Taondiol. <i>Organic Letters</i> , 2018, 20, 2766-2769.	4.6	19
20	Enantiospecific Total Syntheses of (+)-Hapalindole H and (âˆ“)â€”Hapalindole U. <i>Chemistry - A European Journal</i> , 2018, 24, 8980-8984.	3.3	13
21	Biomimetic Enantioselective Total Synthesis of (âˆ“)â€”Petromindole. <i>Organic Letters</i> , 2018, 20, 632-635.	4.6	7
22	Biomimetic Total Syntheses of Callistrilones A, B, and D. <i>Organic Letters</i> , 2018, 20, 680-683.	4.6	25
23	Structural and spectroscopic analysis of indole alkaloids: Molecular docking and DFT approach. <i>Journal of Molecular Structure</i> , 2018, 1153, 262-274.	3.6	4
24	Thiol-Yne Coupling of Propargylamine under Solvent-Free Conditions by Bond Anion Relay Chemistry: An Efficient Synthesis of Thiazolidin-2-ylideneamine. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 7057-7057.	2.4	0
25	Rapid One-Pot Access to Unique 3,4-Dihydrothiopyrano[3,4-b]indole(9H)-imines via Bi(OTf) ₃ -Catalysed Tandem Friedel-Crafts Alkylation/Thia-Michael Addition. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5417-5421.	2.4	1
26	Synthetic Studies toward the Natural Product Tripartin, the First Natural Histone Lysine Demethylase Inhibitor. <i>ACS Omega</i> , 2018, 3, 9303-9309.	3.5	3
27	Unsymmetrical Disulfide Synthesis through Photoredox Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3020-3025.	4.3	61
28	Biomimetic total syntheses of chromane meroterpenoids, guadials B and C, guapsidial A and psiguajadial D. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 4793-4796.	2.8	16
29	Thiol-Yne Coupling of Propargylamine under Solvent-Free Conditions by Bond Anion Relay Chemistry: An Efficient Synthesis of Thiazolidin-2-ylideneamine. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4130-4139.	2.4	15
30	Enantiospecific Syntheses of Hongoquercins A and B and Chromazonarol. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1143-1150.	2.4	17
31	Enantiospecific total syntheses of meroterpenoids (âˆ“)â€”F1839-I and (âˆ“)â€”corallidictyals B and D. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 65-68.	2.8	15
32	Conformational Study and Vibrational Spectroscopic (FT-IR and FT-Raman) Analysis of an Alkaloid-Borreverine Derivative. <i>Analytical Sciences</i> , 2017, 33, 99-104.	1.6	15
33	Biomimetic Enantioselective Total Synthesis of (âˆ“)â€”Mycoleptodiscin A. <i>Organic Letters</i> , 2016, 18, 6392-6395.	4.6	25
34	A Novel Pd-Catalysed Annulation Reaction for the Syntheses of Pyrroloindoles and Pyrroloquinolines. <i>Chemistry - A European Journal</i> , 2016, 22, 106-110.	3.3	13
35	Expedient synthesis of densely substituted pyrrolo[1,2-a]indoles. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 5843-5860.	2.8	14
36	Combine experimental and theoretical investigation on an alkaloidâ€”Dimethylisoborreverine. <i>Journal of Molecular Structure</i> , 2016, 1103, 187-201.	3.6	4

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37	FeCl ₃ mediated synthesis of substituted indenones by a formal [2+2] cycloaddition/ring opening cascade of o-keto-cinnamates. <i>Chemical Communications</i> , 2015, 51, 10891-10894.	4.1	25
38	Hg(OAc) ₂ mediated highly regio- and/or diastereoselective allylic tert-acetylation of olefins. <i>Organic Chemistry Frontiers</i> , 2015, 2, 159-162.	4.5	6
39	A glowing antioxidant from tasar silk cocoon. <i>RSC Advances</i> , 2015, 5, 104563-104573.	3.6	5
40	Protecting group free enantiospecific total syntheses of structurally diverse natural products of the tetrahydrocannabinoid family. <i>Chemical Communications</i> , 2015, 51, 2871-2873.	4.1	35
41	An asymmetric alkynylation/hydrothiolation cascade: an enantioselective synthesis of thiazolidine-2-imines from imines, acetylenes and isothiocyanates. <i>Chemical Communications</i> , 2015, 51, 14215-14218.	4.1	45
42	FeCl ₃ -Catalyzed Intramolecular Michael Reaction of Styrenes for the Synthesis of Highly Substituted Indenes. <i>Journal of Organic Chemistry</i> , 2015, 80, 8367-8376.	3.2	21
43	One-Pot Synthesis of α -Amino β -Selenazole via an Intermediary Amidinoselenourea. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3230-3234.	2.4	5
44	Enantiospecific Total Syntheses and Assignment of Absolute Configuration of Cannabinol skeletal Carbazole Alkaloids Murrayamines 10 and 11 . <i>Chemistry - A European Journal</i> , 2015, 21, 8347-8350.	3.3	12
45	Concise asymmetric total synthesis of bruceolline J. <i>Organic Chemistry Frontiers</i> , 2015, 2, 548-551.	4.5	15
46	Lewis acid catalyzed Nazarov type cyclization for the synthesis of a substituted indane framework: total synthesis of (\pm)-mutisianthol. <i>Organic Chemistry Frontiers</i> , 2015, 2, 645-648.	4.5	17
47	Enantioselective Total Syntheses of (+)-Hostmanin A, (\pm)-Linderol A, (+)-Methylinderatin and Structural Reassignment of Adunctin E. <i>Journal of Organic Chemistry</i> , 2015, 80, 4526-4531.	3.2	20
48	Femtosecond dynamics of photoinduced cis-trans isomerization of ethyl-3-(1H-indole-3-yl)acrylate. <i>Chemical Physics Letters</i> , 2015, 638, 31-37.	2.6	2
49	Remarkable Switch of Regioselectivity in Diels-Alder Reaction: Divergent Total Synthesis of Borreverine, Caulindoles, and Flinderoles. <i>Organic Letters</i> , 2014, 16, 2764-2767.	4.6	32
50	Base-Mediated Hydroamination of Propargylamine: A Regioselective Intramolecular 5-exo-dig Cycloisomerization en Route to Imidazole-2-thione. <i>Organic Letters</i> , 2014, 16, 5788-5791.	4.6	62
51	Diversity-Oriented Synthesis of Calothrixins and Ellipticines. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 6953-6962.	2.4	17
52	FeCl ₃ Catalyzed Prins-Type Cyclization for the Synthesis of Highly Substituted Indenes: Application to the Total Synthesis of (\pm)-Jungianol and <i>endo</i> -Jungianol. <i>Organic Letters</i> , 2013, 15, 429-431.	4.6	53
53	FeCl ₃ mediated intramolecular olefin-cation cyclization of cinnamates for the synthesis of highly substituted indenones. <i>Chemical Communications</i> , 2013, 49, 8051.	4.1	26
54	Enantioselective total syntheses and determination of absolute configuration of marine toxins, oxazinins. <i>RSC Advances</i> , 2013, 3, 23692.	3.6	4

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55	Biomimetic Total Syntheses of Borreverine and Flinderole Alkaloids. <i>Journal of Organic Chemistry</i> , 2013, 78, 10106-10120.	3.2	47
56	Design, synthesis, and SAR of N-((1-(4-(propylsulfonyl)piperazin-1-yl)cycloalkyl)methyl)benzamide inhibitors of glycine transporter-1. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 1257-1261.	2.2	5
57	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. <i>Chemical Communications</i> , 2013, 49, 3260.	4.1	40
58	Biomimetic Total Syntheses of Flinderoles B and C. <i>Journal of the American Chemical Society</i> , 2011, 133, 2864-2867.	13.7	75
59	Asymmetric first total syntheses and assignment of absolute configuration of oxazinin-5, oxazinin-6 and preoxazinin-7. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 7990.	2.8	7
60	Total Synthesis of Thiopeptide Antibiotics GE2270A, GE2270T, and GE2270C1. <i>Chemistry - an Asian Journal</i> , 2008, 3, 413-429.	3.3	59
61	Chemical Synthesis and Biological Evaluation of Palmerolide A Analogues. <i>Journal of the American Chemical Society</i> , 2008, 130, 10019-10023.	13.7	59
62	Total syntheses of amythiamicins A, B and C. <i>Chemical Communications</i> , 2008, , 2632.	4.1	26
63	Total Synthesis of Antibiotics GE2270A and GE2270T. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7786-7792.	13.8	63
64	An efficient construction of a C ₃ -symmetric macrocycle by head to tail cyclotrimerization of an unsymmetrical diene via a sequence of highly regio- and stereoselective metathesis reactions. <i>Tetrahedron Letters</i> , 2005, 46, 3381-3383.	1.4	11
65	Enantiospecific construction of the BC-ring system of taxanes. <i>Tetrahedron Letters</i> , 2004, 45, 2939-2942.	1.4	21
66	Synthetic Approaches to Guanacastepenes. Enantiospecific Syntheses of BC and AB Ring Systems of Guanacastepenes and Rameswaralide. <i>Organic Letters</i> , 2004, 6, 165-168.	4.6	47
67	An efficient ring-closing metathesis reaction of geminally disubstituted olefins using first generation Grubbs's catalyst: enantiospecific synthesis of pacifigorgianes. <i>Tetrahedron Letters</i> , 2003, 44, 7817-7820.	1.4	17
68	Enantiospecific First Total Synthesis and Assignment of Absolute Configuration of the Sesquiterpene (âˆ—)-Cucumin. <i>Organic Letters</i> , 2003, 5, 2295-2298.	4.6	50