

Viresh H Rawal

List of Publications by Year in descending order

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times ranked

2908
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Mild Chemical Catalysis Conditions for m¹A-to-m⁶A Rearrangement on RNA. ACS Chemical Biology, 2022, , .	3.4	4
2	Dielsâ€Alder Reactions of 1-Alkoxy-1-amino-1,3-butadienes: Direct Synthesis of 6-Substituted and 6,6-Disubstituted 2-Cyclohexenones and 6-Substituted 5,6-Dihydropyran-2-ones. Organic Letters, 2021, 23, 5288-5293.	4.6	5
3	Total Synthesis of the Chlorinated Pentacyclic Indole Alkaloid (+)-Ambiguine G. Journal of the American Chemical Society, 2021, 143, 10872-10875.	13.7	8
4	Enantioselective Total Synthesis of (+)-Heilonine. Journal of the American Chemical Society, 2021, 143, 16394-16400.	13.7	11
5	Rapid construction of tetrahydropyridine scaffolds <i>via</i> formal imino Dielsâ€Alder reactions of Schiff bases and Nazarov reagents. Organic and Biomolecular Chemistry, 2019, 17, 8827-8831.	2.8	3
6	Total Synthesis of (âˆ)—Ambiguine P. Journal of the American Chemical Society, 2019, 141, 4820-4823.	13.7	31
7	Dicyclopentyl Dithiosquarate as an Intermediate for the Synthesis of Thiosquaramides. Organic Letters, 2018, 20, 514-517.	4.6	29
8	Synthesis of 1,2-Oxazinanes via Hydrogen Bond Mediated [3 + 3] Cycloaddition Reactions of Oxyallyl Cations with Nitrones. Organic Letters, 2018, 20, 5384-5388.	4.6	20
9	Development of Chiral, Bifunctional Thiosquaramides: Enantioselective Michael Additions of Barbituric Acids to Nitroalkenes. Journal of the American Chemical Society, 2017, 139, 5297-5300.	13.7	68
10	Total Synthesis of (âˆ)—â€N</i>â€Methylwelwitindolinoneâ€...B Isothiocyanate. Angewandte Chemie, 2017, 129, 10094-10098.	2.0	6
11	Total Synthesis of (âˆ)—â€N</i>â€Methylwelwitindolinoneâ€...B Isothiocyanate. Angewandte Chemie - International Edition, 2017, 56, 9962-9966.	13.8	14
12	Reductive Chlorination and Bromination of Ketones via Trityl Hydrazones. Angewandte Chemie, 2016, 128, 3129-3132.	2.0	5
13	One-Carbon Homologation of Primary Alcohols to Carboxylic Acids, Esters, and Amides via Mitsunobu Reactions with MAC Reagents. Organic Letters, 2016, 18, 2363-2366.	4.6	17
14	Studies Directed toward the Synthesis of Aspidophytine: Construction of Its Perhydroquinoline Core. Journal of Organic Chemistry, 2016, 81, 10454-10462.	3.2	10
15	EPR Imaging Spin Probe Trityl Radical OX063: A Method for Its Isolation from Animal Effluent, Redox Chemistry of Its Quinone Methide Oxidation Product, and in Vivo Application in a Mouse. Chemical Research in Toxicology, 2016, 29, 2153-2156.	3.3	17
16	Reductive Chlorination and Bromination of Ketones via Trityl Hydrazones. Angewandte Chemie - International Edition, 2016, 55, 3077-3080.	13.8	14
17	Palladium-Catalyzed Modular Synthesis of Substituted Piperazines and Related Nitrogen Heterocycles. Organic Letters, 2016, 18, 740-743.	4.6	44
18	Access to Spirocyclized Oxindoles and Indolenines via Palladium-Catalyzed Cascade Reactions of Propargyl Carbonates with 2-Oxotryptamines and Tryptamines. Journal of Organic Chemistry, 2015, 80, 4928-4941.	3.2	51

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19	The Chemistry of Hapalindoles, Fischerindoles, Ambiguines, and Welwitindolinones. <i>The Alkaloids Chemistry and Biology</i> , 2014, 73, 65-160.	2.0	37
20	Synthesis of $\hat{\pm}$ -Amino Acid Derivatives and Peptides via Enantioselective Addition of Masked Acyl Cyanides to Imines. <i>Journal of the American Chemical Society</i> , 2014, 136, 16148-16151.	13.7	44
21	Stacks and clips: uncanny similarities in the modes of self-assembly in ternary Ag(i) complexes with 1,2-diazines and chelating heteroarenes. <i>CrystEngComm</i> , 2013, 15, 4221.	2.6	6
22	A Unified Route to the Welwitindolinone Alkaloids: Total Syntheses of ($\hat{\alpha}$)-N-Methylwelwitindolinone C Isothiocyanate, ($\hat{\alpha}$)-N-Methylwelwitindolinone C Isonitrile, and ($\hat{\alpha}$)-3-Hydroxy-N-methylwelwitindolinone C Isothiocyanate. <i>Journal of the American Chemical Society</i> , 2012, 134, 1392-1395.	13.7	65
23	Directed Oxidative Cyclizations to C2- or C4-Positions of Indole: Efficient Construction of the Bicyclo[4.3.1]Decane Core of Welwitindolinones. <i>Organic Letters</i> , 2011, 13, 3214-3217.	4.6	52
24	Stereocontrolled synthesis of 20,21-dihydro N-methylwelwitindolinone B isothiocyanate. <i>Chemical Communications</i> , 2011, 47, 9705.	4.1	36
25	Total Synthesis of N-Methylwelwitindolinone D Isonitrile. <i>Journal of the American Chemical Society</i> , 2011, 133, 5798-5801.	13.7	87
26	Lessons learned while traversing the welwitindolinone alkaloids obstacle course. <i>Tetrahedron</i> , 2011, 67, 10097-10104.	1.9	34
27	Total Synthesis of ($\hat{\pm}$)Platencin. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4373-4376.	13.8	90
28	Chiral Squaramide Derivatives are Excellent Hydrogen Bond Donor Catalysts. <i>Journal of the American Chemical Society</i> , 2008, 130, 14416-14417.	13.7	846
29	Rapid Synthesis of the N-Methylwelwitindolinone Skeleton. <i>Organic Letters</i> , 2005, 7, 3421-3424.	4.6	113
30	Single enantiomers from a chiral-alcohol catalyst. <i>Nature</i> , 2003, 424, 146-146.	27.8	424
31	Design and Development of Highly Effective Lewis Acid Catalysts for Enantioselective Diels-Alder Reactions. <i>Journal of the American Chemical Society</i> , 2002, 124, 5950-5951.	13.7	88
32	Efficient Assembly of the Phomactin Core via Two Different Macrocyclization Protocols. <i>Organic Letters</i> , 2001, 3, 3615-3617.	4.6	55
33	Expeditious Syntheses of ($\hat{\pm}$)-5-Oxosilphiperfol-6-ene and ($\hat{\pm}$)-Silphiperfol-6-ene. <i>Organic Letters</i> , 2000, 2, 2711-2712.	4.6	27
34	Hetero Diels-Alder Reactions of 1-Amino-3-siloxy-1,3-butadienes under Strictly Thermal Conditions. <i>Organic Letters</i> , 2000, 2, 3321-3323.	4.6	73
35	Racemic and Asymmetric Diels-Alder Reactions of 1-(2-Oxazolidinon-3-yl)-3-siloxy-1,3-butadienes. <i>Journal of Organic Chemistry</i> , 2000, 65, 9059-9068.	3.2	79
36	Chiral Amino Siloxy Dienes in the Diels-Alder Reaction: Applications to the Asymmetric Synthesis of 4-Substituted and 4,5-Disubstituted Cyclohexenones and the Total Synthesis of ($\hat{\alpha}$)- $\hat{\pm}$ -Elemene. <i>Journal of the American Chemical Society</i> , 1999, 121, 9562-9573.	13.7	66

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37	The Intramolecular Diels-Alder Reactions of Photochemically Generated trans-Cycloalkenones. <i>Journal of the American Chemical Society</i> , 1999, 121, 10229-10230.	13.7	27
38	Palladium-Catalyzed (Ullmann-Type) Homocoupling of Aryl Halides: A Convenient and General Synthesis of Symmetrical Biaryls via Inter- and Intramolecular Coupling Reactions. <i>Organic Letters</i> , 1999, 1, 1205-1208.	4.6	176
39	Regiocontrolled Synthesis of Carbocycle-Fused Indoles via Arylation of Silyl Enol Ethers with o-Nitrophenylphenyliodonium Fluoride. <i>Organic Letters</i> , 1999, 1, 673-676.	4.6	87
40	On the Reactivity of 1-Amino-3-siloxy-1,3-dienes: Kinetics Investigation and Theoretical Interpretation. <i>Journal of Organic Chemistry</i> , 1999, 64, 8045-8047.	3.2	47
41	A General, Stereocontrolled Route to the Geissoschizine Family of Alkaloids. Concise Synthesis of the Apogeissoschizine Skeleton. <i>Journal of Organic Chemistry</i> , 1998, 63, 9146-9147.	3.2	42
42	A General Strategy to Aspidosperma Alkaloids: An Efficient, Stereocontrolled Synthesis of Tabersonine. <i>Journal of the American Chemical Society</i> , 1998, 120, 13523-13524.	13.7	88
43	Kinetics of the Oxiranycarbonyl Radical Rearrangement. <i>Journal of Organic Chemistry</i> , 1997, 62, 1572-1573.	3.2	33
44	Preparation and Diels-Alder Reactivity of 1-Amino-3-siloxy-1,3-butadienes. <i>Journal of Organic Chemistry</i> , 1997, 62, 5252-5253.	3.2	117
45	Asymmetric Proton Catalysis. , 0, , 189-254.		21