

Viresh H Rawal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9386521/publications.pdf>

Version: 2024-02-01

45
papers

3,217
citations

186265

28
h-index

243625

44
g-index

47
all docs

47
docs citations

47
times ranked

2908
citing authors

#	ARTICLE	IF	CITATIONS
1	Chiral Squaramide Derivatives are Excellent Hydrogen Bond Donor Catalysts. <i>Journal of the American Chemical Society</i> , 2008, 130, 14416-14417.	13.7	846
2	Single enantiomers from a chiral-alcohol catalyst. <i>Nature</i> , 2003, 424, 146-146.	27.8	424
3	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
4	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
5	Rapid Synthesis of the N-Methylwelwitindolinone Skeleton. <i>Organic Letters</i> , 2005, 7, 3421-3424.	4.6	113
6	Total Synthesis of (±)-Platencin. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4373-4376.	13.8	90
7	A General Strategy to Aspidosperma Alkaloids: Efficient, Stereocontrolled Synthesis of Tabersonine. <i>Journal of the American Chemical Society</i> , 1998, 120, 13523-13524.	13.7	88
8	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
9	Regiocontrolled Synthesis of Carbocycle-Fused Indoles via Arylation of Silyl Enol Ethers witho-Nitrophenylphenyliodonium Fluoride. <i>Organic Letters</i> , 1999, 1, 673-676.	4.6	87
10	Total Synthesis of N-Methylwelwitindolinone D Isonitrile. <i>Journal of the American Chemical Society</i> , 2011, 133, 5798-5801.	13.7	87
11	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
12	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
13	Development of Chiral, Bifunctional Thiosquaramides: Enantioselective Michael Additions of Barbituric Acids to Nitroalkenes. <i>Journal of the American Chemical Society</i> , 2017, 139, 5297-5300.	13.7	68
14	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 (±)-Elemene. <i>Journal of the American Chemical Society</i> , 1999, 121, 9562-9573.	13.7	66
15	A Unified Route to the Welwitindolinone Alkaloids: Total Syntheses of (±)-N-Methylwelwitindolinone C Isothiocyanate, (±)-N-Methylwelwitindolinone C Isonitrile, and (±)-3-Hydroxy-N-methylwelwitindolinone C Isothiocyanate. <i>Journal of the American Chemical Society</i> , 2012, 134, 1392-1395.	13.7	65
16	Efficient Assembly of the Phomactin Core via Two Different Macrocyclization Protocols. <i>Organic Letters</i> , 2001, 3, 3615-3617.	4.6	55
17	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
18	Access to Spirocyclized Oxindoles and Indolenines via Palladium-Catalyzed Cascade Reactions of Propargyl Carbonates with 2-Oxotryptamines and Tryptamines. <i>Journal of Organic Chemistry</i> , 2015, 80, 4928-4941.	3.2	51

#	ARTICLE	IF	CITATIONS
19	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
20	Synthesis of \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	Palladium-Catalyzed Modular Synthesis of Substituted Piperazines and Related Nitrogen Heterocycles. <i>Organic Letters</i> , 2016, 18, 740-743.	4.6	44
22	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
23	The Chemistry of Hapalindoles, Fischerindoles, Ambiguines, and Welwitindolinones. <i>The Alkaloids Chemistry and Biology</i> , 2014, 73, 65-160.	2.0	37
24	Stereocontrolled synthesis of 20,21-dihydro N-methylwelwitindolinone B isothiocyanate. <i>Chemical Communications</i> , 2011, 47, 9705.	4.1	36
25	Lessons learned while traversing the welwitindolinone alkaloids obstacle course. <i>Tetrahedron</i> , 2011, 67, 10097-10104.	1.9	34
26	Kinetics of the Oxiranycarbonyl Radical Rearrangement. <i>Journal of Organic Chemistry</i> , 1997, 62, 1572-1573.	3.2	33
27	Total Synthesis of (\pm)-Ambiguine P. <i>Journal of the American Chemical Society</i> , 2019, 141, 4820-4823.	13.7	31
28	Dicyclopentyl Dithiosquarate as an Intermediate for the Synthesis of Thiosquaramides. <i>Organic Letters</i> , 2018, 20, 514-517.	4.6	29
29	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
30	Expedient Syntheses of (\pm)-5-Oxosilphiperfol-6-ene and (\pm)-Silphiperfol-6-ene. <i>Organic Letters</i> , 2000, 2, 2711-2712.	4.6	27
31	Asymmetric Proton Catalysis. , 0, , 189-254.		21
32	Synthesis of 1,2-Oxazinanes via Hydrogen Bond Mediated [3 + 3] Cycloaddition Reactions of Oxyallyl Cations with Nitrones. <i>Organic Letters</i> , 2018, 20, 5384-5388.	4.6	20
33	One-Carbon Homologation of Primary Alcohols to Carboxylic Acids, Esters, and Amides via Mitsunobu Reactions with MAC Reagents. <i>Organic Letters</i> , 2016, 18, 2363-2366.	4.6	17
34	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. <i>Chemical Research in Toxicology</i> , 2016, 29, 2153-2156.	3.3	17
35	Reductive Chlorination and Bromination of Ketones via Trityl Hydrazones. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3077-3080.	13.8	14
36	Total Synthesis of (\pm)-N-Methylwelwitindolinone B Isothiocyanate. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9962-9966.	13.8	14

#	ARTICLE	IF	CITATIONS
37	Enantioselective Total Synthesis of (+)-Heilonine. <i>Journal of the American Chemical Society</i> , 2021, 143, 16394-16400.	13.7	11
38	Studies Directed toward the Synthesis of Aspidophytine: Construction of Its Perhydroquinoline Core. <i>Journal of Organic Chemistry</i> , 2016, 81, 10454-10462.	3.2	10
39	Total Synthesis of the Chlorinated Pentacyclic Indole Alkaloid (+)-Ambiguine G. <i>Journal of the American Chemical Society</i> , 2021, 143, 10872-10875.	13.7	8
40	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
41	Total Synthesis of (âˆ)â€N</i>â€Methylwelwitindolinoneâ€...B Isothiocyanate. <i>Angewandte Chemie</i> , 2017, 129, 10094-10098.	2.0	6
42	Reductive Chlorination and Bromination of Ketones via Trityl Hydrazones. <i>Angewandte Chemie</i> , 2016, 128, 3129-3132.	2.0	5
43	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. <i>Organic Letters</i> , 2021, 23, 5288-5293.	4.6	5
44	Development of Mild Chemical Catalysis Conditions for m¹A-to-m⁶A Rearrangement on RNA. <i>ACS Chemical Biology</i> , 2022, , .	3.4	4
45	Rapid construction of tetrahydropyridine scaffolds <i>via</i> formal imino Dielsâ€Alder reactions of Schiff bases and Nazarov reagents. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 8827-8831.	2.8	3