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List of Publications by Year
in descending order

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50 papers	1,529 citations	331670 21 h-index	315739 38 g-index
56 all docs	56 docs citations	56 times ranked	886 citing authors

#	Article	IF	Citations
1	Stereoselective Late-Stage Transformations of Indolo[2,3-a]quinolizines Skeleta to Nature-Inspired Scaffolds. Journal of Organic Chemistry, 2021, 86, 12872-12885.	3.2	15
2	Drug development post COVID-19 pandemic: toward a better system to meet current and future global health challenges. Expert Opinion on Drug Discovery, 2021, 16, 365-371.	5.0	10
3	Divergent Strategy for Diastereocontrolled Synthesis of Small- and Medium-Ring Architectures. Journal of Organic Chemistry, 2020, 85, 10695-10708.	3.2	11
4	Sequencing [4 + 1]-Cycloaddition and Aza-Michael Addition Reactions: A Diastereoselective Cascade for the Rapid Access of Pyrido[2â€²,1â€²:2,3]/Thiazolo[2â€²,3â€²:2,3]imidazo[1,5-a]quinolone Scaffolds as Potential Antibacterial and Anticancer Motifs. Journal of Organic Chemistry, 2019, 84, 14476-14486.	3.2	23
5	Asymmetric Synthesis of Silanediol Inhibitors for the Serine Protease Coagulation Cascade Enzyme FXIa. Journal of Organic Chemistry, 2018, 83, 5398-5409.	3.2	11
6	Post-Ugi Cascade Transformations for Accessing Diverse Chromenopyrrole Collections. Organic Letters, 2018, 20, 836-839.	4.6	34
7	Multidirectional desymmetrization of pluripotent building block en route to diastereoselective synthesis of complex nature-inspired scaffolds. Nature Communications, 2018, 9, 4989.	12.8	32
8	Enyne [4+4] Cycloaddition/Oxidation: Ring Contraction via Cyclopropanones and Their Anionic Ringâ€Opening Reactions. Angewandte Chemie - International Edition, 2017, 56, 319-323.	13.8	9
9	Enyne [4+4] Cycloaddition/Oxidation: Ring Contraction via Cyclopropanones and Their Anionic Ringâ€Opening Reactions. Angewandte Chemie, 2017, 129, 325-329.	2.0	2
10	Carbocyclic Amino Ketones by Bredt's Ruleâ€Arrested Kulinkovichâ€“de Meijere Reaction. Angewandte Chemie, 2016, 128, 2582-2585.	2.0	0
11	Carbocyclic Amino Ketones by Bredt's Ruleâ€Arrested Kulinkovichâ€“de Meijere Reaction. Angewandte Chemie - International Edition, 2016, 55, 2536-2539.	13.8	10
12	Formation and isomerization of polycyclic 1,5-enynes. Tetrahedron Letters, 2015, 56, 3567-3570.	1.4	10
13	Photo-[4+4]-cycloaddition (para) of meta-substituted benzenes with 2-pyridones. Tetrahedron Letters, 2015, 56, 4520-4522.	1.4	8
14	Enyne-2-pyrone [4 + 4]-Photocycloaddition: Sesquiterpene Synthesis and a Low-Temperature Cope Rearrangement. Organic Letters, 2015, 17, 4360-4363.	4.6	16
15	Enyne [4 + 4] photocycloaddition with polycyclic aromatics. Organic Chemistry Frontiers, 2014, 1, 961-964.	4.5	11
16	Stabilization, Isomerization and Rearrangement of Enyne [4 + 4]-Cycloadducts. Organic Letters, 2014, 16, 4138-4141.	4.6	7
17	Silicon Mimics of Unstable Carbon. Topics in Medicinal Chemistry, 2014, , 61-85.	0.8	11
18	Alpha-amino silanes via metalated imines as an approach to the synthesis of silanediol protease inhibitors. Tetrahedron, 2013, 69, 7779-7784.	1.9	3

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19	Serine Protease Inhibition by a Silanediol Peptidomimetic. Organic Letters, 2012, 14, 4422-4425.	4.6	48
20	Synthesis and Properties of a Sterically Unencumbered Î´-Silanediol Amino Acid. Journal of Organic Chemistry, 2012, 77, 2901-2906.	3.2	30
21	Efficient, Enantioselective Assembly of Silanediol Protease Inhibitors. Organic Letters, 2011, 13, 1787-1789.	4.6	50
22	Intramolecular Pyridone/Enyne Photocycloaddition: Partitioning of the [4 + 4] and [2 + 2] Pathways. Organic Letters, 2011, 13, 2180-2183.	4.6	20
23	Enyne [4 + 4] Photocycloaddition: Bridged 1,2,5-Cyclooctatrienes. Organic Letters, 2010, 12, 3296-3299.	4.6	24
24	Efficient Asymmetric Synthesis of Silanediol Precursors from 1,5-Dihydrosiloles. Organic Letters, 2007, 9, 4963-4965.	4.6	27
25	Silanediol Protease Inhibitors: From Conception to Validation. European Journal of Organic Chemistry, 2006, 2006, 311-322.	2.4	133
26	Silanediol Inhibitors of Angiotensin-Converting Enzyme. Synthesis and Evaluation of Four Diastereomers of Phe[Si]Ala Dipeptide Analogues1. Journal of Organic Chemistry, 2005, 70, 5781-5789.	3.2	62
27	Structural Analysis of Silanediols as Transition-State-Analogue Inhibitors of the Benchmark Metalloprotease Thermolysinâ€,â€¡. Biochemistry, 2005, 44, 16524-16528.	2.5	49
28	Silanediol peptidomimetics. Evaluation of four diastereomeric ACE inhibitors. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 2853-2856.	2.2	27
29	A Silanediol Inhibitor of the Metalloprotease Thermolysin:Â Synthesis and Comparison with a Phosphinic Acid Inhibitor1. Journal of Organic Chemistry, 2004, 69, 3008-3014.	3.2	43
30	Asymmetric Synthesis of Î±-Amino Allyl, Benzyl, and Propargyl Silanes by Metalation and Rearrangement. Organic Letters, 2003, 5, 1859-1861.	4.6	48
31	Enantioselective Î±-Silyl Amino Acid Synthesis by Reverse-Aza-Brook Rearrangement. Organic Letters, 2003, 5, 4677-4679.	4.6	46
32	Silicon-Based Metalloprotease Inhibitors:â€‰ Synthesis and Evaluation of Silanol and Silanediol Peptide Analogues as Inhibitors of Angiotensin-Converting Enzyme1. Journal of the American Chemical Society, 2002, 124, 7363-7375.	13.7	178
33	Silanediol-Based inhibitor of thermolysin. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 3625-3627.	2.2	44
34	Polyquinanes by [4 + 4] Cycloadditionâ€"Transannular Cyclization. Organic Letters, 2001, 3, 2165-2167.	4.6	21
35	Drug design with a new transition state analog of the hydrated carbonyl: silicon-based inhibitors of the HIV protease. Chemistry and Biology, 2001, 8, 1161-1166.	6.0	78
36	Fusicoccin Synthesis by Intramolecular [4+4] Photocycloaddition of 2-Pyridones: Stereocontrol of the Cycloaddition and Elaboration of the Pentacyclic Product. Synthesis, 2001, 112, 1185-1196.	2.3	12

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37	Synthesis of Î±-alkyl-Î±-aminosilanes by rhodium-catalyzed hydrosilylation of Boc-protected vinyl amines. Tetrahedron Letters, 2000, 41, 10175-10179.	1.4	19
38	Photoreactivity of 2-Pyridones with Furan, Benzene, and Naphthalene. Inter- and Intramolecular Photocycloadditions. Journal of Organic Chemistry, 2000, 65, 1972-1977.	3.2	29
39	A [4 + 4] 2-Pyridone Approach to Taxol. 3. Stereocontrol during Elaboration of the Cyclooctane. Journal of Organic Chemistry, 2000, 65, 6676-6681.	3.2	18
40	Selective Intermolecular Photo-[4 + 4]-cycloaddition with 2-Pyridone Mixtures. 3. Synthetic Transformations of the Trans Cross-Product (1Î±,2Î²,5Î²,6Î±)-3-Butyl-9-methoxy-3,7-diazatricyclo[4.2.2.22,5]dodeca-9,11-diene-4,8-dione. Journal of Organic Chemistry, 1999, 64, 954-959.	3.2	6
41	Selective Intermolecular Photo-[4 + 4]-cycloaddition with 2-Pyridone Mixtures. 2. Preparation of (1Î±,2Î²,5Î²,6Î±)-3-Butyl- 9-methoxy-3,7-diazatricyclo[4.2.2.22,5]dodeca-9,11-diene-4,8-dione. Journal of Organic Chemistry, 1999, 64, 950-953.	3.2	18
42	A Practical Synthesis of Difunctional Organosilane Reagents and Their Application to the Dielsâ^'Alder Reaction. Journal of Organic Chemistry, 1999, 64, 1780-1781.	3.2	15
43	Silanediols: A New Class of Potent Protease Inhibitors. Angewandte Chemie - International Edition, 1998, 37, 812-814.	13.8	118
44	Fusicoccin Ring System by [4 + 4] Cycloaddition. Control of Diastereoselectivity through Hydrogen Bonding. Journal of the American Chemical Society, 1998, 120, 587-588.	13.7	39
45	?-Alkyl-?-aminosilanes: Synthesis via Alkylation and Hydrosilylation. Applied Organometallic Chemistry, 1997, 11, 337-343.	3.5	12
46	Î±-Alkyl-Î±-aminosilanes. 1. Metalation and alkylation between silicon and nitrogen. Tetrahedron, 1996, 52, 5669-5682.	1.9	23
47	Î±-Alkyl-Î±-aminosilanes. 2. A2H NMR study of organolithium stabilization by silicon and by phenyl in solution. Tetrahedron, 1996, 52, 5683-5690.	1.9	12
48	Isosteric Replacement of Carbon with Silicon in the Design of Safer Chemicals. ACS Symposium Series, 1996, , 74-83.	0.5	17
49	Tandem Asymmetric Alkylation-Dieckmann Condensation. Synlett, 1995, 1995, 928-930.	1.8	7
50	Organosilane insecticides. Part I: Biological and physical effects of isosteric replacement of silicon for carbon in etofenprox and MTI-800. Pest Management Science, 1990, 28, 289-307.	0.4	31