

William E Crowe

List of Publications by Year in descending order

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35
papers

2,347
citations

331670

21
h-index

377865

34
g-index

39
all docs

39
docs citations

39
times ranked

1586
citing authors

#	ARTICLE	IF	CITATIONS
1	N-oxide promoted pauson-khand cyclizations at room temperature. Tetrahedron Letters, 1990, 31, 5289-5292.	1.4	327
2	Acrylonitrile Cross-Metathesis: Coaxing Olefin Metathesis Reactivity from a Reluctant Substrate. Journal of the American Chemical Society, 1995, 117, 5162-5163.	13.7	193
3	On the Conformation and Structure of Organometal Complexes in the Solid State: Two Studies Relevant to Chemical Synthesis. Angewandte Chemie International Edition in English, 1990, 29, 256-272.	4.4	184
4	A Lewis acid-mediated version of the Nicholas reaction: Synthesis of syn-alkylated products and cobalt-complexed cycloalkynes. Journal of the American Chemical Society, 1986, 108, 3128-3130.	13.7	170
5	Tandem Use of Cobalt-Mediated Reactions to Synthesize (+)-Epoxydictymene, a Diterpene Containing a Trans-Fused 5 ⁺ 5 Ring System. Journal of the American Chemical Society, 1997, 119, 4353-4363.	13.7	144
6	Monoadducts of imido alkylidene complexes, syn and anti rotamers, and alkylidene ligand rotation. Organometallics, 1991, 10, 1832-1843.	2.3	125
7	Highly selective cross-metathesis of terminal olefins. Journal of the American Chemical Society, 1993, 115, 10998-10999.	13.7	121
8	Cobalt-Mediated Total Synthesis of (+)-Epoxydictymene. Journal of the American Chemical Society, 1994, 116, 5505-5506.	13.7	115
9	Preparation of allylsilanes via cross-metathesis. Tetrahedron Letters, 1996, 37, 2117-2120.	1.4	113
10	Titanium-Catalyzed Reductive Cyclization of .delta.,.epsilon.-Unsaturated Ketones and Aldehydes. Journal of the American Chemical Society, 1995, 117, 6787-6788.	13.7	106
11	Direct polymerization of acetylene to give living polyenes. Journal of the American Chemical Society, 1989, 111, 8004-8006.	13.7	90
12	Lanthanide complexes as fluorescent indicators for neutral sugars and cancer biomarkers. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 9756-9760.	7.1	78
13	Direct Synthesis of Fused, Bicyclic Î³-Butyrolactones via Tandem Reductive Cyclization~Carbonylation of Tethered Enals and Enones. Journal of the American Chemical Society, 1996, 118, 1557-1558.	13.7	72
14	Î³-Butyrolactone Synthesis via Catalytic Asymmetric Cyclocarbonylation. Journal of the American Chemical Society, 2001, 123, 6457-6458.	13.7	72
15	Reactions of atomic cobalt ions with aldehydes and ketones. Observation of decarbonylation processes leading to formation of metal alkyls and metallacycles in the gas phase. Organometallics, 1984, 3, 1694-1706.	2.3	64
16	A Convenient Preparation of Xanthene Dyes. Journal of Organic Chemistry, 2005, 70, 6907-6912.	3.2	54
17	Chain-transfer agents for living ROMP [Ring-Opening Metathesis Polymerization] reactions of norbornene. Macromolecules, 1990, 23, 3534-3536.	4.8	42
18	Preparation of discrete polyenes and norbornene-polyene block copolymers using Mo(CH-t-Bu)(NAr)(O-t-Bu) ₂ as the initiator. Macromolecules, 1991, 24, 3489-3495.	4.8	38

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19	Cyclopentadienyl Activation via Reductive Elimination: An Old Ligand Learns Some New Tricks. <i>Journal of the American Chemical Society</i> , 1996, 118, 5508-5509.	13.7	38
20	Exploring the pH dependence of viologen reduction by α -carbon radicals derived from Hcy and Cys. <i>Chemical Communications</i> , 2009, , 1876.	4.1	26
21	Reduction of Imines via Titanium-Catalyzed Hydromagnesation. <i>Tetrahedron Letters</i> , 1997, 38, 7487-7490.	1.4	22
22	An Efficient and Economic Asymmetric Synthesis of (+)-Nootkatone, Tetrahydronootkatone, and Derivatives. <i>Organic Letters</i> , 2009, 11, 3530-3533.	4.6	22
23	Applying AFM-Based Nanofabrication for Measuring the Thickness of Nanopatterns: The Role of Head Groups in the Vertical Self-Assembly of α -Functionalized α -Alkanethiols. <i>Langmuir</i> , 2010, 26, 3040-3049.	3.5	19
24	Labile, reactive bis(imido)rhenium(V) complexes. <i>Organometallics</i> , 1991, 10, 1-2.	2.3	17
25	Conformational control of selectivity in the dienone-phenol rearrangement. <i>Tetrahedron Letters</i> , 2007, 48, 6590-6593.	1.4	17
26	Kinetic Mechanism and Structural Requirements of the Amine-Catalyzed Decarboxylation of Oxaloacetic Acid. <i>Journal of Organic Chemistry</i> , 2009, 74, 144-152.	3.2	17
27	Exploring water-soluble Pt(II) complexes of diethylenetriamine derivatives functionalized at the central nitrogen. Synthesis, characterization, and reaction with 5'-GMP. <i>Inorganica Chimica Acta</i> , 2010, 363, 1796-1804.	2.4	15
28	One-Carbon Bridge Stereocontrol in Robinson Annulations Leading to Bicyclo[3.3.1]nonanes. <i>Organic Letters</i> , 2010, 12, 1232-1235.	4.6	15
29	Structural requirements for repellency: norsesquiterpenes and sesquiterpenoid derivatives of nootkatone against the Formosan subterranean termite (<i>Reticulitermes flavipes</i>). <i>Pest Management Science</i> , 2010, 66, 875-878.	3.4	11
30	The sesquiterpenoid nootkatone and the absolute configuration of a dibromo derivative. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o254-o256.	0.4	9
31	A facile approach to tricyclo[6.4.0.0 ^{4,9}]-dodecane framework. <i>Chinese Chemical Letters</i> , 2015, 26, 238-242.	9.0	6
32	Hydrogenation Selectivity of the Bicyclo[4.4.0]decane Ring System of Valencanes. <i>Synlett</i> , 2010, 2010, 445-448.	1.8	2
33	Mechanism and origin of stereoselectivity in Robinson annulations leading to bicyclo[3.3.1]nonanes: a rare Curtin-Hammett scenario. <i>Journal of Physical Organic Chemistry</i> , 2017, 30, e3595.	1.9	1
34	π -Bond Hybridization in Transition Metal Complexes. <i>Advances in Metal-organic Chemistry</i> , 1991, , 247-267.	0.8	1
35	A Convenient Preparation of Xanthene Dyes. <i>ChemInform</i> , 2005, 36, no.	0.0	0