

Kenneth M Nicholas

List of Publications by Year in descending order

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56
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2,235
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citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfite-Driven, Oxorhenium-Catalyzed Deoxydehydration of Glycols. <i>Organometallics</i> , 2011, 30, 2810-2818.	2.3	122
2	Rhenium-Catalyzed Deoxydehydration of Glycols by Sulfite. <i>Inorganic Chemistry</i> , 2010, 49, 4744-4746.	4.0	114
3	On the Mechanism of Allylic Amination Catalyzed by Iron Salts. <i>Journal of the American Chemical Society</i> , 1997, 119, 3302-3310.	13.7	96
4	Regioselective Synthesis of Indoles via Reductive Annulation of Nitrosoaromatics with Alkynes. <i>Organic Letters</i> , 2002, 4, 699-701.	4.6	85
5	Vanadium-catalyzed deoxydehydration of glycols. <i>Chemical Communications</i> , 2013, 49, 8199.	4.1	84
6	Catalytic Deoxydehydration of Glycols with Alcohol Reductants. <i>ChemSusChem</i> , 2013, 6, 597-599.	6.8	81
7	Palladium-Catalyzed Carboxylative Coupling of Allylstannanes and Allyl Halides. <i>Organometallics</i> , 2000, 19, 1458-1460.	2.3	73
8	A Novel Intermediate in Allylic Amination Catalyzed by Iron Salts. <i>Journal of the American Chemical Society</i> , 1996, 118, 3311-3312.	13.7	71
9	On the Mechanism of Nitrosoarene π -Alkyne Cycloaddition. <i>Journal of the American Chemical Society</i> , 2009, 131, 653-661.	13.7	70
10	Mechanistic Studies of Copper(I)-Catalyzed Allylic Amination. <i>Journal of the American Chemical Society</i> , 2007, 129, 15250-15258.	13.7	66
11	Copper π -Catalyzed Intramolecular C π -H Amination. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 908-911.	2.4	66
12	A novel and direct synthesis of indoles via catalytic reductive annulation of nitroaromatics with alkynes. Electronic supplementary information (ESI) available: analytical data for the product indoles. See http://www.rsc.org/suppdata/cc/b1/b110370a/ . <i>Chemical Communications</i> , 2002, , 484-485.	4.1	64
13	Synthesis of Indole Derivatives with Biological Activity by Reactions Between Unsaturated Hydrocarbons and N-Aromatic Precursors. <i>Current Organic Chemistry</i> , 2010, 14, 2409-2441.	1.6	61
14	Mechanistic Aspects of Molybdenum-Promoted Allylic Amination. <i>Journal of Organic Chemistry</i> , 1994, 59, 5365-5371.	3.2	57
15	One-pot synthesis of meridianins and meridianin analogues via indolization of nitrosoarenes. <i>Tetrahedron</i> , 2010, 66, 1280-1288.	1.9	57
16	On the Mechanism of Ligand-Assisted, Copper-Catalyzed Benzylic Amination by Chloramine-T. <i>Organometallics</i> , 2010, 29, 3404-3412.	2.3	57
17	Nitrosoarene π -Cu(I) Complexes Are Intermediates in Copper-Catalyzed Allylic Amination. <i>Journal of the American Chemical Society</i> , 2005, 127, 7278-7279.	13.7	55
18	Elemental Reductants for the Deoxydehydration of Glycols. <i>ACS Catalysis</i> , 2014, 4, 2109-2112.	11.2	55

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19	Deoxydehydration of Polyols. <i>Topics in Current Chemistry</i> , 2014, 353, 163-184.	4.0	53
20	Regioselective allylic amination catalyzed by iron salts. <i>Tetrahedron Letters</i> , 1994, 35, 8739-8742.	1.4	49
21	X-ray diffraction studies of mesomorphic ferrocene diesters. <i>Liquid Crystals</i> , 1989, 5, 285-290.	2.2	47
22	Efficient Synthesis of N-Methoxyindoles via Alkylative Cycloaddition of Nitrosoarenes with Alkynes. <i>Journal of Organic Chemistry</i> , 2006, 71, 823-825.	3.2	46
23	[Cp* ₂ Ru(CO) ₂]-Catalyzed Hydrodeoxygenation and Hydrocracking of Diols and Epoxides. <i>Organometallics</i> , 2012, 31, 515-518.	2.3	46
24	Oxo-Rhenium-Catalyzed Deoxydehydration of Polyols with Hydroaromatic Reductants. <i>Organometallics</i> , 2015, 34, 1985-1990.	2.3	45
25	Manganese-Promoted, Titanocene-Catalyzed Stereoselective Pinacol Coupling of Aldehydes. <i>Synthetic Communications</i> , 1999, 29, 1097-1106.	2.1	43
26	Direct synthesis of 3-arylindoles via annulation of aryl hydroxylamines with alkynes. <i>Tetrahedron</i> , 2009, 65, 3829-3833.	1.9	42
27	A Cyclic Carbamoyl Complex Is a Resting State in Allylic Aminations Catalyzed by [Cp*Fe(CO) ₂] ₂ . <i>Organometallics</i> , 2000, 19, 3754-3756.	2.3	41
28	Carbon Monoxide (CO)- and Hydrogen-Driven, Vanadium-Catalyzed Deoxydehydration of Glycols. <i>ACS Catalysis</i> , 2016, 6, 1901-1904.	11.2	39
29	Cu(I)-catalyzed allylic amination of olefins. <i>Tetrahedron Letters</i> , 2002, 43, 9505-9508.	1.4	38
30	A cofactor approach to copper-dependent catalytic antibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 2648-2653.	7.1	37
31	Synthesis and thermal properties of mesomorphic 1,1'-bis[(4-cyano-4-biphenyloxy)alkyl] ferrocenes. <i>Liquid Crystals</i> , 1992, 12, 263-272.	2.2	33
32	Ruthenium (II) sulfoxides-catalyzed hydrogenolysis of glycols and epoxides. <i>Journal of Molecular Catalysis A</i> , 2012, 363-364, 460-464.	4.8	31
33	Photoassisted, iron-catalyzed allylic amination of olefins with nitroarenes. <i>Tetrahedron Letters</i> , 2002, 43, 931-934.	1.4	30
34	A simple, efficient, regioselective and one-pot preparation of N-hydroxy- and N,O-protected hydroxyindoles via cycloaddition of nitrosoarenes with alkynes. <i>Synthetic scope, applications and novel by-products</i> . <i>Tetrahedron</i> , 2013, 69, 10906-10920.	1.9	29
35	Oxidation-reductive coupling of alcohols catalyzed by oxo-vanadium complexes. <i>Chemical Communications</i> , 2018, 54, 790-793.	4.1	26
36	2,4-DINITROPHENYLHYDROXYLAMINE: AN EFFICIENT AND MORE GENERAL REAGENT FOR IRON-CATALYZED ALLYLIC AMINATION. <i>Synthetic Communications</i> , 2001, 31, 3087-3097.	2.1	20

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37	Oxo-rhenium catalyzed reductive coupling and deoxygenation of alcohols. <i>Chemical Communications</i> , 2016, 52, 7257-7260.	4.1	20
38	Cu(I)/Cu(II)-catalyzed allylic amination of alkenes. <i>Tetrahedron Letters</i> , 2011, 52, 3478-3480.	1.4	19
39	Determination of Alkyl Donor Promiscuity of Tyrosine O ⁶ -Methyltransferase SirD from <i>Leptosphaeria maculans</i> . <i>ChemBioChem</i> , 2017, 18, 2323-2327.	2.6	18
40	A novel synthesis of <i>N</i> -hydroxy-3-arylindoles and 3-arylindoles. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6853-6859.	2.8	18
41	A Forty Year Odyssey in Metallo-Organic Chemistry. <i>Journal of Organic Chemistry</i> , 2015, 80, 6943-6950.	3.2	17
42	Mechanistic Features of the Oxidation-Reductive Coupling of Alcohols Catalyzed by Oxo-Vanadium Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 844-854.	4.0	16
43	Oxo-Rhenium-Catalyzed Radical Addition of Benzylic Alcohols to Olefins. <i>Journal of Organic Chemistry</i> , 2020, 85, 3320-3327.	3.2	14
44	¹ H and ¹³ C NMR determination of the relative stereochemistry of the diastereomers resulting from the reaction of silyl enol ethers with the 1-ethoxy-1-propargylium dicobalt hexacarbonyl cation. <i>Magnetic Resonance in Chemistry</i> , 1990, 28, 486-495.	1.9	13
45	Chemoreactive Natural Products that Afford Resistance Against Disparate Antibiotics and Toxins. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4220-4225.	13.8	12
46	Mechanistic Insights into the Re ₂ O ₃ (PPh ₃) ₂ -Promoted Reductive Coupling of Alcohols. <i>Organometallics</i> , 2018, 37, 2468-2480.	2.3	12
47	Selective Metal-to-Ring Alkyl Migration during Irradiation of CpFe(CO) ₂ [CHPh(OSiMe ₃)]. <i>Organometallics</i> , 1999, 18, 1569-1570.	2.3	10
48	Deoxygenative Transition-Metal-Promoted Reductive Coupling and Cross-Coupling of Alcohols and Epoxides. <i>Synthesis</i> , 2021, 53, 267-278.	2.3	8
49	Cyclopolymerization of 3-phenyl[5]ferrocenophane-1,5-dimethylene: Synthesis and electronic properties of a polyferrocenophane. <i>Journal of Polymer Science Part A</i> , 1997, 35, 3365-3376.	2.3	6
50	Copper-catalyzed asymmetric allylic C-H amination of alkenes using <i>N</i> -arylhydroxylamines. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3228-3237.	4.5	6
51	Synthesis of <i>N</i> -Alkoxy Amidine Salts Via Addition of (N-Alkyl-N-Alkoxyamine)Dimethylaluminum Chlorides to Nitriles. <i>Synthetic Communications</i> , 1997, 27, 4021-4025.	2.1	4
52	(1H-Benzo[d][1,2,3]triazol-1-yl)(5-bromo-1-hydroxy-1H-indol-3-yl)methanone. <i>MolBank</i> , 2014, 2014, M829.	0.5	3
53	A Direct, Regioselective and Atom-Economical Synthesis of 3-Aroyl- <i>N</i> -hydroxy-5-nitroindoles by Cycloaddition of 4-Nitronitrosobenzene with Alkynones. <i>Journal of Visualized Experiments</i> , 2020, .	0.3	3
54	Chemoreactive Natural Products that Afford Resistance Against Disparate Antibiotics and Toxins. <i>Angewandte Chemie</i> , 2016, 128, 4292-4297.	2.0	2

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55	Structural Effects on Dioxygen Evolution from Ru(V) =O Complexes. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 3565-3577.	2.0	2
56	Landmarks in Organo-Transition Metal Chemistry – A Personal View (Profiles in Inorganic Chemistry) Tj ETQq0 0 0,rgBT /Overlock 10 Tf	2.3	0