

Martin Nielsen

List of Publications by Year in descending order

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39
papers

4,499
citations

159358

30
h-index

233125

45
g-index

65
all docs

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docs citations

65
times ranked

4412
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemoselective Transfer Hydrogenation of Enamides Using Ru Pincer Complexes for the Synthesis of \hat{L} -Amino Acids. <i>Journal of Organic Chemistry</i> , 2022, 87, 5419-5423.	1.7	3
2	Base-Free Synthesis of Furfurylamines from Biomass Furans Using Ru Pincer Complexes. <i>Catalysts</i> , 2021, 11, 558.	1.6	15
3	Homogeneous Catalyzed Valorization of Furanics: A Sustainable Bridge to Fuels and Chemicals. <i>Catalysts</i> , 2021, 11, 1371.	1.6	12
4	Homogeneous Catalysis by Organometallic Polynuclear Clusters. <i>Journal of Cluster Science</i> , 2020, 31, 11-61.	1.7	17
5	Recent Progress with Pincer Transition Metal Catalysts for Sustainability. <i>Catalysts</i> , 2020, 10, 773.	1.6	71
6	Efficient and selective catalytic hydrogenation of furanic aldehydes using well defined Ru and Ir pincer complexes. <i>Green Chemistry</i> , 2020, 22, 6767-6772.	4.6	24
7	Efficient catalytic hydrogenation of alkyl levulinates to \hat{L} -valerolactone. <i>Green Chemistry</i> , 2019, 21, 5195-5200.	4.6	24
8	Catalyst Kinetics and Stability in Homogeneous Alcohol Acceptorless Dehydrogenation. , 2018, , .		0
9	Catalytic Oxidation of Allylic Alcohols to Methyl Esters. <i>Topics in Catalysis</i> , 2017, 60, 1380-1386.	1.3	6
10	Efficient hydrogen peroxide decomposition to oxygen and water catalysed by a ruthenium pincer complex. <i>Environmental Chemistry Letters</i> , 2016, 14, 359-365.	8.3	1
11	Unravelling the Mechanism of Basic Aqueous Methanol Dehydrogenation Catalyzed by Ru \hat{L} -PNP Pincer Complexes. <i>Journal of the American Chemical Society</i> , 2016, 138, 14890-14904.	6.6	155
12	Iridium \hat{L} -Catalyzed Hydrogen Production from Monosaccharides, Disaccharide, Cellulose, and Lignocellulose. <i>ChemSusChem</i> , 2015, 8, 804-808.	3.6	20
13	Ruthenium-catalyzed hydrogen generation from glycerol and selective synthesis of lactic acid. <i>Green Chemistry</i> , 2015, 17, 193-198.	4.6	110
14	Hydrogen Production by Homogeneous Catalysis: Alcohol Acceptorless Dehydrogenation. <i>Environmental Chemistry for A Sustainable World</i> , 2015, , 1-60.	0.3	4
15	Efficient and Selective Hydrogen Generation from Bioethanol using Ruthenium Pincer \hat{L} -type Complexes. <i>ChemSusChem</i> , 2014, 7, 2419-2422.	3.6	64
16	Selective Hydrogen Production from Methanol with a Defined Iron Pincer Catalyst under Mild Conditions. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 14162-14166.	7.2	308
17	Low-temperature aqueous-phase methanol dehydrogenation to hydrogen and carbon dioxide. <i>Nature</i> , 2013, 495, 85-89.	13.7	680
18	Heterogenized cobalt oxide catalysts for nitroarene reduction by pyrolysis of molecularly defined complexes. <i>Nature Chemistry</i> , 2013, 5, 537-543.	6.6	633

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19	Towards a Green Process for Bulk-Scale Synthesis of Ethyl Acetate: Efficient Acceptorless Dehydrogenation of Ethanol. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5711-5713.	7.2	252
20	Asymmetric Organocatalytic Monofluorovinylations. <i>Journal of the American Chemical Society</i> , 2011, 133, 7398-7404.	6.6	49
21	Mechanisms in aminocatalysis. <i>Chemical Communications</i> , 2011, 47, 632-649.	2.2	284
22	Practical Synthesis of α -Carbonyl Phenyltetrazolesulfones and Investigations of Their Reactivities in Organocatalysis. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 47-52.	1.2	31
23	Asymmetric Organocatalytic Electrophilic Phosphination. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3211-3214.	7.2	27
24	Efficient Hydrogen Production from Alcohols under Mild Reaction Conditions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9593-9597.	7.2	240
25	Combined organo- and gold-catalyzed enantioselective synthesis of bicyclic enones. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1624-1629.	1.8	35
26	Transition-Metal-Free Formal Sonogashira Coupling and α -Carbonyl Arylation Reactions. <i>Chemistry - A European Journal</i> , 2010, 16, 3783-3790.	1.7	45
27	Asymmetric Organocatalytic Formal Aza-Michael Addition of Ammonia to Nitroalkenes. <i>Chemistry - A European Journal</i> , 2010, 16, 13330-13334.	1.7	60
28	Asymmetric Organocatalysis with Sulfones. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2668-2679.	7.2	232
29	Trends in Organocatalytic Conjugate Addition to Enones: An Efficient Approach to Optically Active Alkynyl, Alkenyl, and Ketone Products. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7338-7342.	7.2	80
30	Asymmetric Organocatalytic Formal Alkynylation and Alkenylation of α,β -Unsaturated Aldehydes. <i>Journal of the American Chemical Society</i> , 2009, 131, 10581-10586.	6.6	104
31	An asymmetric organocatalytic approach towards allylic amines and α -keto amino compounds. <i>Chemical Communications</i> , 2009, , 6554.	2.2	25
32	Organocatalytic asymmetric ring-opening of aziridines. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3467.	1.5	47
33	Enantioselective hydroxylation of nitroalkenes: an organocatalytic approach. <i>Chemical Communications</i> , 2007, , 3646.	2.2	67
34	Organocatalysed Asymmetric α -Amination and Multicomponent <i>syn</i> -selective Diamination of α,β -Unsaturated Aldehydes. <i>Chemistry - A European Journal</i> , 2007, 13, 9068-9075.	1.7	80
35	Enantioselective Organocatalytic Conjugate Addition of N -Heterocycles to α,β -Unsaturated Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1983-1987.	7.2	180
36	Radicals in Asymmetric Organocatalysis. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7356-7359.	7.2	56

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37	Asymmetric conjugate addition of azide to $\hat{1}\pm, \hat{1}^2$ -unsaturated nitro compounds catalyzed by cinchona alkaloids. <i>Tetrahedron</i> , 2007, 63, 5849-5854.	1.0	36
38	Rhodium-Catalyzed Synthesis of $\hat{1}\pm$ -Amido- and $\hat{1}\pm$ -Carboxylic- $\hat{1}^2$ -Ketoesters. <i>Synthesis</i> , 2005, 2005, 2234-2238.	1.2	11
39	A Photochemical Microfluidic Reactor for Photosensitized [2+2] Cycloadditions. <i>Synlett</i> , 0, , .	1.0	0