

Mikko Muuronen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

519
citations

13
h-index

22
g-index

33
ext. papers

623
ext. citations

6.2
avg, IF

3.94
L-index

#	Paper	IF	Citations
27	Role of Acetate Anions in the Catalytic Formation of Isocyanurates from Aromatic Isocyanates. <i>Journal of Organic Chemistry</i> , 2021 , 86, 5651-5659	4.2	2
26	Cooperative Ligands in Dissolution of Gold. <i>Chemistry - A European Journal</i> , 2021 , 27, 8668-8672	4.8	1
25	Cooperative Ligands in Dissolution of Gold. <i>Chemistry - A European Journal</i> , 2021 , 27, 8604	4.8	
24	Divergent Carbocatalytic Routes in Oxidative Coupling of Benzofused Heteroaryl Dimers: A Mechanistic Update. <i>Chemistry - A European Journal</i> , 2021 , 27, 5283-5291	4.8	4
23	Dual H-bond activation of NHC-Au(I)-Cl complexes with amide functionalized side-arms assisted by H-bond donor substrates or acid additives. <i>Chemical Communications</i> , 2020 , 56, 14697-14700	5.8	8
22	Design Principles for Rational Polyurethane Catalyst Development. <i>Journal of Organic Chemistry</i> , 2019 , 84, 8202-8209	4.2	14
21	Visible-Light-Photocatalyzed Reductions of N-Heterocyclic Nitroaryls to Anilines Utilizing Ascorbic Acid Reductant. <i>Organic Letters</i> , 2019 , 21, 3764-3768	6.2	13
20	Tertiary Alcohols as Radical Precursors for the Introduction of Tertiary Substituents into Heteroarenes. <i>ACS Catalysis</i> , 2019 , 9, 3413-3418	13.1	42
19	Carbocatalytic Oxidative Dehydrogenative Couplings of (Hetero)Aryls by Oxidized Multi-Walled Carbon Nanotubes in Liquid Phase. <i>Chemistry - A European Journal</i> , 2019 , 25, 12288-12293	4.8	12
18	Total Synthesis of (-)-Chromodorolide B By a Computationally-Guided Radical Addition/Cyclization/Fragmentation Cascade. <i>Journal of the American Chemical Society</i> , 2018 , 140, 3091-3102	16.4	37
17	Gold(I)-Catalyzed 1,3-O-Transposition of Ynones: Mechanism and Catalytic Acceleration with Electron-Rich Aldehydes. <i>ACS Catalysis</i> , 2018 , 8, 960-967	13.1	9
16	Light-activated chemical probing of nucleobase solvent accessibility inside cells. <i>Nature Chemical Biology</i> , 2018 , 14, 276-283	11.7	35
15	Pyridinethiol-Assisted Dissolution of Elemental Gold in Organic Solutions. <i>Angewandte Chemie</i> , 2018 , 130, 17350-17355	3.6	4
14	Pyridinethiol-Assisted Dissolution of Elemental Gold in Organic Solutions. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 17104-17109	16.4	13
13	Mechanism of photocatalytic water oxidation on small TiO nanoparticles. <i>Chemical Science</i> , 2017 , 8, 2179-2183	21.83	50
12	Diastereoselective Coupling of Chiral Acetonide Trisubstituted Radicals with Alkenes. <i>Chemistry - A European Journal</i> , 2016 , 22, 8786-90	4.8	10
11	Intermolecular oxidative dehydrogenative 3,3'-coupling of benzo[b]furans and benzo[b]thiophenes promoted by DDQ/H ⁺ : total synthesis of shandougenine B. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 1738-1745	5.2	18

10	That Little Extra Kick: Nonadiabatic Effects in Acetaldehyde Photodissociation. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 4185-4190	6.4	18
9	Modeling the Charging of Highly Oxidized Cyclohexene Ozonolysis Products Using Nitrate-Based Chemical Ionization. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 6339-45	2.8	63
8	Photoinduced charge transfer in a conformational switching chlorin dimer-azafulleroid in polar and nonpolar media. <i>Chemistry - A European Journal</i> , 2015 , 21, 590-600	4.8	11
7	Gold-Catalyzed Conversion of Aryl- and Alkyl-Substituted 1-(o-Aminophenyl)-2-propyn-1-ones to the Corresponding 2-Substituted 4-Quinolones. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 4044-4052	4.2	43
6	Gold(III)-catalyzed enynamine-cyclopentadiene cycloisomerization with chirality transfer: an experimental and theoretical study indicating involvement of dual Au(III) push-pull assisted cis-trans isomerism. <i>Journal of Organic Chemistry</i> , 2014 , 79, 10269-83	4.2	10
5	Regioselectivity of intermolecular Pauson-Khand reaction of aliphatic alkynes: experimental and theoretical study of the effect of alkyne polarization. <i>Journal of Organic Chemistry</i> , 2014 , 79, 10999-10104	4.2	19
4	Effect of mutual position of electron donor and acceptor on photoinduced electron transfer in supramolecular chlorophyll-fullerene dyads. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 1420-9	2.8	23
3	Chlorophyll tailored 20-trifluoroacetamide and its azacrown derivative as pH sensitive colorimetric sensor probe with response to AcO^- and CN^- ions. <i>RSC Advances</i> , 2013 , 3, 11485	3.7	4
2	Electronic regioselectivity of diarylalkynes in cobalt-mediated Pauson-Khand reaction: an experimental and computational study with para- and meta-substituted diarylalkynes and norbornene. <i>Journal of Organic Chemistry</i> , 2012 , 77, 9134-47	4.2	21
1	Cationic Gold Catalysis with Pyridine-Tethered Au(III) NHC-Carbenes: An Experimental and DFT Computational Study. <i>Organometallics</i> , 2012 , 31, 4320-4330	3.8	35