

Davide Angelone

List of Publications by Year in descending order

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15
papers

646
citations

932766

10
h-index

996533

15
g-index

16
all docs

16
docs citations

16
times ranked

1047
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic synthesis in a modular robotic system driven by a chemical programming language. <i>Science</i> , 2019, 363, .	6.0	349
2	Convergence of multiple synthetic paradigms in a universally programmable chemical synthesis machine. <i>Nature Chemistry</i> , 2021, 13, 63-69.	6.6	59
3	H ₂ O ₂ Oxidation by Fe ^{III} â€œOOH Intermediates and Its Effect on Catalytic Efficiency. <i>ACS Catalysis</i> , 2018, 8, 9665-9674.	5.5	53
4	Transient Formation and Reactivity of a High-Valent Nickel(IV) Oxido Complex. <i>Journal of the American Chemical Society</i> , 2017, 139, 8718-8724.	6.6	47
5	Identification and Spectroscopic Characterization of Nonheme Iron(III) Hypochlorite Intermediates. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4357-4361.	7.2	38
6	Standardization and Control of Grignard Reactions in a Universal Chemical Synthesis Machine using online NMR. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23202-23206.	7.2	20
7	Influence of Ligand Architecture in Tuning Reaction Bifurcation Pathways for Chlorite Oxidation by Non-Heme Iron Complexes. <i>Inorganic Chemistry</i> , 2016, 55, 10170-10181.	1.9	17
8	Oxidative Cleavage of Alkene C=C Bonds Using a Manganese Catalyzed Oxidation with H ₂ O ₂ Combined with Periodate Oxidation. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 7151-7158.	1.2	16
9	Identification and Spectroscopic Characterization of Nonheme Iron(III) Hypochlorite Intermediates. <i>Angewandte Chemie</i> , 2015, 127, 4431-4435.	1.6	13
10	Pyridyl-1,2,4-triazole diphenyl boron complexes as efficient tuneable blue emitters. <i>Dalton Transactions</i> , 2014, 43, 17740-17745.	1.6	10
11	The role of spin states in the catalytic mechanism of the intra- and extradiol cleavage of catechols by O ₂ . <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7860-7868.	1.5	9
12	Mechanistic Links in the inâ€œsitu Formation of Dinuclear Manganese Catalysts, H ₂ O ₂ Disproportionation, and Alkene Oxidation. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3532-3542.	1.0	7
13	Dinuclear compounds without a metalâ€œmetal bond. Dirhodium(III,III) carboxamidates. <i>Inorganica Chimica Acta</i> , 2015, 424, 235-240.	1.2	5
14	Standardisierung und Kontrolle von Grignardâ€œReaktionen mittels Onlineâ€œNMR in einer universellen chemischen Synthesepattform. <i>Angewandte Chemie</i> , 2021, 133, 23388-23393.	1.6	1
15	Titelbild: Standardisierung und Kontrolle von Grignardâ€œReaktionen mittels Onlineâ€œNMR in einer universellen chemischen Synthesepattform (<i>Angew. Chem.</i> 43/2021). <i>Angewandte Chemie</i> , 2021, 133, 23213-23213.	1.6	0