Davide Angelone

List of Publications by Year
in descending order

15	646	932766 10	996533 15
papers	citations	h-index	g-index

16	16	16	1047
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Convergence of multiple synthetic paradigms in a universally programmable chemical synthesis machine. Nature Chemistry, 2021, 13, 63-69.	6.6	59
2	Standardization and Control of Grignard Reactions in a Universal Chemical Synthesis Machine using online NMR. Angewandte Chemie - International Edition, 2021, 60, 23202-23206.	7.2	20
3	Standardisierung und Kontrolle von Grignardâ€Reaktionen mittels Onlineâ€NMR in einer universellen chemischen Syntheseplattform. Angewandte Chemie, 2021, 133, 23388-23393.	1.6	1
4	Titelbild: Standardisierung und Kontrolle von Grignardâ€Reaktionen mittels Onlineâ€NMR in einer universellen chemischen Syntheseplattform (Angew. Chem. 43/2021). Angewandte Chemie, 2021, 133, 23213-23213.	1.6	0
5	Oxidative Cleavage of Alkene C=C Bonds Using a Manganese Catalyzed Oxidation with H₂O₂ Combined with Periodate Oxidation. European Journal of Organic Chemistry, 2019, 2019, 7151-7158.	1.2	16
6	Organic synthesis in a modular robotic system driven by a chemical programming language. Science, 2019, 363, .	6.0	349
7	H₂O₂ Oxidation by Fe^{III}â€“OOH Intermediates and Its Effect on Catalytic Efficiency. ACS Catalysis, 2018, 8, 9665-9674.	5.5	53
8	The role of spin states in the catalytic mechanism of the intra- and extradiol cleavage of catechols by O₂. Organic and Biomolecular Chemistry, 2017, 15, 7860-7868.	1.5	9
9	Transient Formation and Reactivity of a High-Valent Nickel(IV) Oxido Complex. Journal of the American Chemical Society, 2017, 139, 8718-8724.	6.6	47
10	Influence of Ligand Architecture in Tuning Reaction Bifurcation Pathways for Chlorite Oxidation by Non-Heme Iron Complexes. Inorganic Chemistry, 2016, 55, 10170-10181.	1.9	17
11	Identification and Spectroscopic Characterization of Nonheme Iron(III) Hypochlorite Intermediates. Angewandte Chemie, 2015, 127, 4431-4435.	1.6	13
12	Identification and Spectroscopic Characterization of Nonheme Iron(III) Hypochlorite Intermediates. Angewandte Chemie - International Edition, 2015, 54, 4357-4361.	7.2	38
13	Mechanistic Links in the inâ€situ Formation of Dinuclear Manganese Catalysts, H₂O₂ Disproportionation, and Alkene Oxidation. European Journal of Inorganic Chemistry, 2015, 2015, 3532-3542.	1.0	7
14	Dinuclear compounds without a metalâ€“metal bond. Dirhodium(III,III) carboxamidates. Inorganica Chimica Acta, 2015, 424, 235-240.	1.2	5
15	Pyridyl-1,2,4-triazole diphenyl boron complexes as efficient tuneable blue emitters. Dalton Transactions, 2014, 43, 17740-17745.	1.6	10