

Martina Sandroni

List of Publications by Year in descending order

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20
papers

1,022
citations

430874

18
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1529
citing authors

#	ARTICLE	IF	CITATIONS
1	Prospects of Chalcopyrite-Type Nanocrystals for Energy Applications. ACS Energy Letters, 2017, 2, 1076-1088.	17.4	104
2	Heteroleptic bis-diimine copper(I) complexes for applications in solar energy conversion. Comptes Rendus Chimie, 2016, 19, 79-93.	0.5	92
3	Heteroleptic copper(I)-polypyridine complexes as efficient sensitizers for dye sensitized solar cells. Journal of Materials Chemistry A, 2014, 2, 9944-9947.	10.3	90
4	Photo-induced redox catalysis for proton reduction to hydrogen with homogeneous molecular systems using rhodium-based catalysts. Coordination Chemistry Reviews, 2015, 304-305, 20-37.	18.8	87
5	First application of the HETPHEN concept to new heteroleptic bis(diimine) copper(I) complexes as sensitizers in dye sensitized solar cells. Dalton Transactions, 2013, 42, 10818.	3.3	82
6	Cadmium-free CuInS ₂ /ZnS quantum dots as efficient and robust photosensitizers in combination with a molecular catalyst for visible light-driven H ₂ production in water. Energy and Environmental Science, 2018, 11, 1752-1761.	30.8	76
7	Enhanced Electrochemiluminescence from a Stoichiometric Ruthenium(II)-Iridium(III) Complex Salt. Chemistry - A European Journal, 2015, 21, 7435-7440.	3.3	63
8	New Heteroleptic Bis-Phenanthroline Copper(I) Complexes with Dipyridophenazine or Imidazole Fused Phenanthroline Ligands: Spectral, Electrochemical, and Quantum Chemical Studies. Inorganic Chemistry, 2011, 50, 11309-11322.	4.0	60
9	Fluorine-free blue-green emitters for light-emitting electrochemical cells. Journal of Materials Chemistry C, 2014, 2, 5793-5804.	5.5	60
10	Heteroleptic diimine copper(I) complexes with large extinction coefficients: synthesis, quantum chemistry calculations and physico-chemical properties. Dalton Transactions, 2013, 42, 14628.	3.3	53
11	Visible Light-Driven Electron Transfer from a Dye-Sensitized <i>p</i> -Type NiO Photocathode to a Molecular Catalyst in Solution: Toward NiO-Based Photoelectrochemical Devices for Solar Hydrogen Production. Journal of Physical Chemistry C, 2015, 119, 5806-5818.	3.1	46
12	Formylated chloro-bridged iridium(III) dimers as OLED materials: opening up new possibilities. Dalton Transactions, 2015, 44, 8419-8432.	3.3	39
13	Impact of Morphology on Charge Carrier Transport and Thermoelectric Properties of n-Type FBDOPV-Based Polymers. Advanced Functional Materials, 2020, 30, 2000449.	14.9	33
14	Design of Efficient Photoinduced Charge Separation in Donor-Copper(I)-Acceptor Triad. Journal of Physical Chemistry C, 2014, 118, 28388-28400.	3.1	26
15	Exploring energy transfer in luminescent heterometallic ruthenium-iridium ion pairs. Dalton Transactions, 2014, 43, 3676.	3.3	22
16	Electrochemical Generation and Spectroscopic Characterization of the Key Rhodium(III) Hydride Intermediates of Rhodium Poly(bipyridyl) H ₂ -Evolving Catalysts. Inorganic Chemistry, 2018, 57, 11225-11239.	4.0	21
17	Iridium and ruthenium complexes covalently bonded to carbon surfaces by means of electrochemical oxidation of aromatic amines. Catalysis Today, 2010, 158, 22-28.	4.4	20
18	Steric Congestion at, and Proximity to, a Ferrous Center Leads to Hydration of \pm -Nitrile Substituents Forming Coordinated Carboxamides. Inorganic Chemistry, 2014, 53, 7824-7836.	4.0	20

#	ARTICLE	IF	CITATIONS
19	Spray-coated PEDOT:OTf films: thermoelectric properties and integration into a printed thermoelectric generator. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2054-2063.	5.9	19
20	Structures and spectral properties of heteroleptic copper (I) complexes: A theoretical study based on density functional theory. <i>Comptes Rendus Chimie</i> , 2012, 15, 255-266.	0.5	9