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	Spray-coated PEDOT:OTf films: thermoelectric properties and integration into a printed thermoelectric generator. Materials Chemistry Frontiers, 2020, 4, 2054-2063.	5.9	19
2	Impact of Morphology on Charge Carrier Transport and Thermoelectric Properties of Nâ€Type FBDOPVâ€Based Polymers. Advanced Functional Materials, 2020, 30, 2000449.	14.9	33
3	Cadmium-free CuInS₂/ZnS quantum dots as efficient and robust photosensitizers in combination with a molecular catalyst for visible light-driven H₂ production in water. Energy and Environmental Science, 2018, 11, 1752-1761.	30.8	76
4	Electrochemical Generation and Spectroscopic Characterization of the Key Rhodium(III) Hydride Intermediates of Rhodium Poly(bipyridyl) H₂-Evolving Catalysts. Inorganic Chemistry, 2018, 57, 11225-11239.	4.0	21
5	Prospects of Chalcopyrite-Type Nanocrystals for Energy Applications. ACS Energy Letters, 2017, 2, 1076-1088.	17.4	104
6	Heteroleptic bis-diimine copper(I) complexes for applications in solar energy conversion. Comptes Rendus Chimie, 2016, 19, 79-93.	0.5	92
7	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
8	Formylated chloro-bridged iridium(<scp>iii</scp>) dimers as OLED materials: opening up new possibilities. Dalton Transactions, 2015, 44, 8419-8432.	3.3	39
9	Enhanced Electrochemiluminescence from a Stoichiometric Ruthenium(II)â€“Iridium(III) Complex Soft Salt. Chemistry - A European Journal, 2015, 21, 7435-7440.	3.3	63
10	Visible Light-Driven Electron Transfer from a Dye-Sensitized p-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
11	Exploring energy transfer in luminescent heterometallic rutheniumâ€“iridium ion pairs. Dalton Transactions, 2014, 43, 3676.	3.3	22
12	Heteroleptic copper(<scp>i</scp>)â€“polypyridine complexes as efficient sensitizers for dye sensitized solar cells. Journal of Materials Chemistry A, 2014, 2, 9944-9947.	10.3	90
13	Fluorine-free blue-green emitters for light-emitting electrochemical cells. Journal of Materials Chemistry C, 2014, 2, 5793-5804.	5.5	60
14	Design of Efficient Photoinduced Charge Separation in Donorâ€“Copper(I)â€“Acceptor Triad. Journal of Physical Chemistry C, 2014, 118, 28388-28400.	3.1	26
15	Steric Congestion at, and Proximity to, a Ferrous Center Leads to Hydration of Î±-Nitrile Substituents Forming Coordinated Carboxamides. Inorganic Chemistry, 2014, 53, 7824-7836.	4.0	20
16	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
17	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
18	Structures and spectral properties of heteroleptic copper (I) complexes: A theoretical study based on density functional theory. Comptes Rendus Chimie, 2012, 15, 255-266.	0.5	9

#	Article	IF	Citations
19	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
20	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