Alessandro Sinopoli

List of Publications by Year
in descending order

37 papers	1,337 citations	471371 17 h-index	360920 35 g-index
37 all docs	37 docs citations	37 times ranked	2037 citing authors

#	Article	IF	Citations
1	Anthocyanins and betalains as light-harvesting pigments for dye-sensitized solar cells. Solar Energy, 2012, 86, 1563-1575.	2.9	315
2	A new type of transparent and low cost counter-electrode based on platinum nanoparticles for dye-sensitized solar cells. Energy and Environmental Science, 2011, 4, 1838.	15.6	198
3	Computational aspects of anthocyanidins and anthocyanins: A review. Food Chemistry, 2019, 297, 124898.	4.2	101
4	Synthetic analogues of anthocyanins as sensitizers for dye-sensitized solar cells. Photochemical and Photobiological Sciences, 2013, 12, 883-894.	1.6	95
5	Manganese carbonyl complexes for CO2 reduction. Coordination Chemistry Reviews, 2018, 365, 60-74.	9.5	81
6	Photophysics and photochemistry of 1,2,3-triazole-based complexes. Coordination Chemistry Reviews, 2017, 350, 136-154.	9.5	80
7	Metal Nanoparticles and Carbon-Based Nanostructures as Advanced Materials for Cathode Application in Dye-Sensitized Solar Cells. International Journal of Photoenergy, 2010, 2010, 1-15.	1.4	57
8	Electrocatalytic/photocatalytic properties and aqueous media applications of 2D transition metal carbides (MXenes). Current Opinion in Solid State and Materials Science, 2019, 23, 100760.	5.6	47
9	Efficient Photocatalytic Degradation of Organic Dyes by AgNPs/TiO₂/Ti₃C₂T_x MXene Composites under UV and Solar Light. ACS Omega, 2021, 6, 33325-33338.	1.6	36
10	Hybrid Cyclometalated Iridium Coumarin Complex as a Sensitiser of Both nâ€•and pâ€Type DSSCs. European Journal of Inorganic Chemistry, 2016, 2016, 2887-2890.	1.0	31
11	New cyclometalated iridium(III) dye chromophore complexes for p-type dye-sensitised solar cells. Dyes and Pigments, 2017, 140, 269-277.	2.0	30
12	Nanoelectromagnetic of a highly conductive 2D transition metal carbide (MXene)/Graphene nanoplatelets composite in the EHF M-band frequency. Carbon, 2021, 173, 528-539.	5.4	28
13	Photochemistry of Ru^{II} 4,4â€²â€Biâ€1,2,3â€triazolyl (btz) Complexes: Crystallographic Characterization of the Photoreactive Ligandâ€Loss Intermediate transâ€[Ru(bpy)(Îº²â€btz)(Îº¹â€btz)(NCMe)]²⁺. Chemistry - A European Journal, 2014, 20, 8467-8476.	1.7	27
14	Photochemical ligand ejection from non-sterically promoted Ru(ii)bis(diimine) 4,4â€²-bi-1,2,3-triazolyl complexes. Photochemical and Photobiological Sciences, 2014, 13, 735-738.	1.6	27
15	SERS and DFT study of indigo adsorbed on silver nanostructured surface. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 205, 465-469.	2.0	24
16	Green Light-Responsive CO-Releasing Polymeric Materials Derived from Ring-Opening Metathesis Polymerization. ACS Applied Materials & Interfaces, 2019, 11, 34376-34384.	4.0	19
17	Combined experimental and DFT-TDDFT investigation on anthocyanidins for application in dye-sensitised solar cells. Dyes and Pigments, 2017, 143, 291-300.	2.0	18
18	Investigation of a new bis(carboxylate)triazole-based anchoring ligand for dye solar cell chromophore complexes. Dalton Transactions, 2017, 46, 1520-1530.	1.6	17

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19	Mitochondria-localising DNA-binding biscyclometalated phenyltriazole iridium(iii) dipyridophenazene complexes: syntheses and cellular imaging properties. Dalton Transactions, 2018, 47, 4931-4940.	1.6	16
20	Stability of a Monoethanolamine-CO₂ Zwitterion at the Vapor/Liquid Water Interface: Implications for Low Partial Pressure Carbon Capture Technologies. Journal of Physical Chemistry B, 2021, 125, 4890-4897.	1.2	13
21	New cyclometalated iridium(III) dye chromophore complexes for n-type dye-sensitised solar cells. Inorganica Chimica Acta, 2017, 457, 81-89.	1.2	11
22	Tuning CO₂ Capture at the Gas/Amine Solution Interface by Changing the Solvent Polarity. Journal of Physical Chemistry B, 2020, 124, 10245-10256.	1.2	11
23	Effect of Electronic Coupling on Electron Transfer Rates from Photoexcited Naphthalenediimide Radical Anion to Re(bpy)(CO)₃X. Journal of Physical Chemistry C, 2019, 123, 10178-10190.	1.5	10
24	Laser ablation fabrication of a p-NiO/n-Si heterojunction for broadband and self-powered UVâ€“Visibleâ€“NIR photodetection. Nanotechnology, 2022, 33, 255202.	1.3	6
25	Synthesis and Characterization of a Series of Bis-homoleptic Cycloruthenates with Terdentate Ligands as a Family of Panchromatic Dyes. Inorganic Chemistry, 2017, 56, 9903-9912.	1.9	5
26	Direct Observation of the Photoreduction Products of Mn(NDI-bpy)(CO)₃X CO₂ Reduction Catalysts Using Femtosecond Transient IR Spectroscopy. Journal of Physical Chemistry C, 2019, 123, 6416-6426.	1.5	4
27	Synthesis and Characterization of a Novel Hydroquinone Sulfonate-Based Redox Active Ionic Liquid. Materials, 2021, 14, 3259.	1.3	4
28	High Performance of Anion Exchange Blend Membranes Based on Novel Phosphonium Cation Polymers for All-Vanadium Redox Flow Battery Applications. ACS Applied Materials & Interfaces, 2021, 13, 45935-45943.	4.0	4
29	X-ray photoelectron spectroscopy and spectroscopic ellipsometry analysis of the p-NiO/n-Si heterostructure system grown by pulsed laser deposition. Thin Solid Films, 2022, 743, 139077.	0.8	4
30	Uptake and hydration of sulfur dioxide on dry and wet hydroxylated silica surfaces: a computational study. Physical Chemistry Chemical Physics, 2021, 24, 172-179.	1.3	4
31	Inhibition of the photochromic behaviour of a 3,3-diphenyl-3H-pyrano[3,2-f]quinoline ligand by coordination to Ag(I) ions. Dyes and Pigments, 2020, 175, 108167.	2.0	3
32	Photophysical and Electrocatalytic Properties of Rhenium(I) Triazole-Based Complexes. Inorganics, 2020, 8, 22.	1.2	3
33	Optically Transparent Gold Nanoparticles for DSSC Counter-Electrode: An Electrochemical Characterization. Molecules, 2022, 27, 4178.	1.7	3
34	Photosensitisers for CO2 photoreduction: from metal complexes to rylenes, an overview. Organometallic Chemistry, 2018, , 80-124.	0.6	2
35	ASpin-NMR data reporting tool. Open Journal of Chemistry, 2019, 2, 9-14.	1.5	2
36	Sulphur Oxidative Coupling of Methane process development and its modelling via Machine Learning. AICHE Journal, 0, , .	1.8	1

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37	Photodriven Molecular Systems for CO2 Reduction. , 2018, , .		0