

Alessandro Sinopoli

List of Publications by Year in descending order

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37
papers

1,337
citations

471371

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360920

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	X-ray photoelectron spectroscopy and spectroscopic ellipsometry analysis of the p-NiO/n-Si heterostructure system grown by pulsed laser deposition. <i>Thin Solid Films</i> , 2022, 743, 139077.	0.8	4
2	Laser ablation fabrication of a p-NiO/n-Si heterojunction for broadband and self-powered UV-Visible-NIR photodetection. <i>Nanotechnology</i> , 2022, 33, 255202.	1.3	6
3	Optically Transparent Gold Nanoparticles for DSSC Counter-Electrode: An Electrochemical Characterization. <i>Molecules</i> , 2022, 27, 4178.	1.7	3
4	Nanoelectromagnetic of a highly conductive 2D transition metal carbide (MXene)/Graphene nanoplatelets composite in the EHF M-band frequency. <i>Carbon</i> , 2021, 173, 528-539.	5.4	28
5	Stability of a Monoethanolamine-CO ₂ Zwitterion at the Vapor/Liquid Water Interface: Implications for Low Partial Pressure Carbon Capture Technologies. <i>Journal of Physical Chemistry B</i> , 2021, 125, 4890-4897.	1.2	13
6	Synthesis and Characterization of a Novel Hydroquinone Sulfonate-Based Redox Active Ionic Liquid. <i>Materials</i> , 2021, 14, 3259.	1.3	4
7	High Performance of Anion Exchange Blend Membranes Based on Novel Phosphonium Cation Polymers for All-Vanadium Redox Flow Battery Applications. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 45935-45943.	4.0	4
8	Efficient Photocatalytic Degradation of Organic Dyes by AgNPs/TiO ₂ /Ti ₃ C ₂ T _x MXene Composites under UV and Solar Light. <i>ACS Omega</i> , 2021, 6, 33325-33338.	1.6	36
9	Uptake and hydration of sulfur dioxide on dry and wet hydroxylated silica surfaces: a computational study. <i>Physical Chemistry Chemical Physics</i> , 2021, 24, 172-179.	1.3	4
10	Inhibition of the photochromic behaviour of a 3,3-diphenyl-3H-pyrano[3,2-f]quinoline ligand by coordination to Ag(I) ions. <i>Dyes and Pigments</i> , 2020, 175, 108167.	2.0	3
11	Tuning CO ₂ Capture at the Gas/Amine Solution Interface by Changing the Solvent Polarity. <i>Journal of Physical Chemistry B</i> , 2020, 124, 10245-10256.	1.2	11
12	Photophysical and Electrocatalytic Properties of Rhenium(I) Triazole-Based Complexes. <i>Inorganics</i> , 2020, 8, 22.	1.2	3
13	Electrocatalytic/photocatalytic properties and aqueous media applications of 2D transition metal carbides (MXenes). <i>Current Opinion in Solid State and Materials Science</i> , 2019, 23, 100760.	5.6	47
14	Green Light-Responsive CO-Releasing Polymeric Materials Derived from Ring-Opening Metathesis Polymerization. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 34376-34384.	4.0	19
15	Computational aspects of anthocyanidins and anthocyanins: A review. <i>Food Chemistry</i> , 2019, 297, 124898.	4.2	101
16	Effect of Electronic Coupling on Electron Transfer Rates from Photoexcited Naphthalenediimide Radical Anion to Re(bpy)(CO) ₃ X. <i>Journal of Physical Chemistry C</i> , 2019, 123, 10178-10190.	1.5	10
17	Direct Observation of the Photoreduction Products of Mn(NDI-bpy)(CO) ₃ X CO ₂ Reduction Catalysts Using Femtosecond Transient IR Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2019, 123, 6416-6426.	1.5	4
18	ASpin-NMR data reporting tool. <i>Open Journal of Chemistry</i> , 2019, 2, 9-14.	1.5	2

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19	Photodiven Molecular Systems for CO2 Reduction. , 2018, , .		0
20	Manganese carbonyl complexes for CO2 reduction. Coordination Chemistry Reviews, 2018, 365, 60-74.	9.5	81
21	Mitochondria-localising DNA-binding biscyclometalated phenyltriazole iridium(III) dipyridophenazene complexes: syntheses and cellular imaging properties. Dalton Transactions, 2018, 47, 4931-4940.	1.6	16
22	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
23	Photosensitisers for CO2 photoreduction: from metal complexes to rylenes, an overview. Organometallic Chemistry, 2018, , 80-124.	0.6	2
24	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
25	New cyclometalated iridium(III) dye chromophore complexes for n-type dye-sensitised solar cells. Inorganica Chimica Acta, 2017, 457, 81-89.	1.2	11
26	New cyclometalated iridium(III) dye chromophore complexes for p-type dye-sensitised solar cells. Dyes and Pigments, 2017, 140, 269-277.	2.0	30
27	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
28	Photophysics and photochemistry of 1,2,3-triazole-based complexes. Coordination Chemistry Reviews, 2017, 350, 136-154.	9.5	80
29	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
30	Hybrid Cyclometalated Iridium Coumarin Complex as a Sensitiser of Both n- and p-type DSSCs. European Journal of Inorganic Chemistry, 2016, 2016, 2887-2890.	1.0	31
31	Photochemistry of Ru ^{II} 4,4'-bi-1,2,3-triazolyl (btz) Complexes: Crystallographic Characterization of the Photoreactive Ligand Loss Intermediate <i>trans</i> -[Ru(bpy)(² btz)(¹ btz)(NCMe)] ²⁺ . Chemistry - A European Journal, 2014, 20, 8467-8476.	1.7	27
32	Photochemical ligand ejection from non-sterically promoted Ru(II)bis(diimine) 4,4'-bi-1,2,3-triazolyl complexes. Photochemical and Photobiological Sciences, 2014, 13, 735-738.	1.6	27
33	Synthetic analogues of anthocyanins as sensitizers for dye-sensitized solar cells. Photochemical and Photobiological Sciences, 2013, 12, 883-894.	1.6	95
34	Anthocyanins and betalains as light-harvesting pigments for dye-sensitized solar cells. Solar Energy, 2012, 86, 1563-1575.	2.9	315
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	Sulphur Oxidative Coupling of Methane process development and its modelling via Machine Learning. AIChE Journal, 0, , .	1.8	1