

Silvano Rodrigo Valandro

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Adenosine Triphosphate Templated Self-Assembly of Cationic Porphyrin into Chiral Double Superhelices and Enzyme-Mediated Disassembly. <i>Journal of the American Chemical Society</i> , 2019, 141, 12610-12618.	13.7	64
2	<i>trans</i> -N-(Heterocyclic Carbene) Platinum(II) Acetylide Chromophores as Phosphors for OLED Applications. <i>ACS Applied Electronic Materials</i> , 2020, 2, 1026-1034.	4.3	33
3	Thermal properties of poly (methyl methacrylate)/organomodified montmorillonite nanocomposites obtained by in situ photopolymerization. <i>Materials Research</i> , 2014, 17, 265-270.	1.3	32
4	High-Purity and Saturated Deep-Blue Luminescence from <i>trans</i> -NHC Platinum(II) Butadiyne Complexes: Properties and Organic Light Emitting Diode Application. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 5327-5337.	8.0	28
5	Blue Phosphorescent <i>trans</i> -N-Heterocyclic Carbene Platinum Acetylides: Dependence on Energy Gap and Conformation. <i>Journal of Physical Chemistry A</i> , 2019, 123, 9069-9078.	2.5	18
6	Photophysical Behavior of Isocyanine/Clay Hybrids in the Solid State. <i>Langmuir</i> , 2017, 33, 891-899.	3.5	17
7	Optical devices for the detection of cyanide in water based on ethyl(hydroxyethyl)cellulose functionalized with perichromic dyes. <i>Carbohydrate Polymers</i> , 2017, 157, 1548-1556.	10.2	17
8	Photophysics of Auramine O adsorbed on solid clays. <i>Journal of Luminescence</i> , 2015, 161, 209-213.	3.1	16
9	Ultrafast photoinduced electron transfer in conjugated polyelectrolyte ⁺ acceptor ion pair complexes. <i>Materials Chemistry Frontiers</i> , 2020, 4, 3649-3659.	5.9	14
10	A novel biopolymeric photoinitiator based on chitosan and thioxanthone derivative: Synthesis, characterization and efficiency in photopolymerization. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 327, 15-20.	3.9	13
11	Influence of clay minerals on curcumin properties: Stability and singlet oxygen generation. <i>Journal of Molecular Structure</i> , 2017, 1143, 1-7.	3.6	11
12	Organomontmorillonite/poly(methyl methacrylate) nanocomposites prepared by in situ photopolymerization. Effect of the organoclay on the photooxidative degradation. <i>Applied Clay Science</i> , 2013, 85, 19-24.	5.2	9
13	Stereochemical Effects on Platinum Acetylide Two-Photon Chromophores. <i>Journal of Physical Chemistry A</i> , 2019, 123, 9382-9393.	2.5	9
14	Charge-Transfer Dynamics between Cesium Lead Halide Perovskite Nanocrystals and Surface-Anchored Naphthalimide Acceptors. <i>Journal of Physical Chemistry C</i> , 2021, 125, 14778-14785.	3.1	9
15	Carbon ceramic electrodes obtained by basic catalysis of sol-gel process. <i>Electrochimica Acta</i> , 2013, 112, 783-790.	5.2	8
16	Aggregation-Enhanced Two-Photon Absorption of Anionic Conjugated Polyelectrolytes. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 8292-8296.	4.6	8
17	Ultrafast Excited-State Dynamics in <i>trans</i> -(N-Heterocyclic carbene)platinum(II) Acetylide Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 10065-10074.	4.0	8
18	Photoinduced Intramolecular Electron Transfer in Phenylene Ethynylene Naphthalimide Oligomers. <i>Journal of Physical Chemistry A</i> , 2021, 125, 3863-3873.	2.5	8

#	ARTICLE	IF	CITATIONS
19	Identifying the Polymorphs of Zr-Based Metal-Organic Frameworks via Time-Resolved Fluorescence Imaging. , 2022, 4, 370-377.		8
20	Polymer Chromophore-Catalyst Assembly for Photocatalytic CO2 Reduction. ACS Applied Energy Materials, 2021, 4, 7030-7039.	5.1	6
21	Platinum Poly-yne Featuring N-Heterocyclic Carbene Ligands: Synthesis, Properties, and Organic Light-Emitting Diode Application. Macromolecules, 2021, 54, 9888-9895.	4.8	5
22	Thermal Decomposition of Polymer/Montmorillonite Nanocomposites Synthesized <i>in situ</i> on a Clay Surface. Journal of the Brazilian Chemical Society, 2015, , .	0.6	4
23	Behaviour of Pseudoisocyanine in Macromolecular and Hydrotropic Solutions. Journal of the Brazilian Chemical Society, 2014, , .	0.6	4
24	Photochemical Synthesis of Ag and Au Nanoparticles Using a Thioxanthone Substituted Chitosan as Simultaneous Photoinitiator and Stabilizer. Journal of the Brazilian Chemical Society, 0, , .	0.6	2
25	Preparation of platinum nanoparticles using iron(ii) as reductant and photosensitized H2 generation on an iron storage protein scaffold. RSC Advances, 2020, 10, 5551-5559.	3.6	2
26	Structure of a Zinc Porphyrin-Substituted Bacterioferritin and Photophysical Properties of Iron Reduction. Biochemistry, 2020, 59, 1618-1629.	2.5	2
27	3D printing of natural organic materials by photochemistry. Proceedings of SPIE, 2016, , .	0.8	1