

# Silvano Rodrigo Valandro

## List of Publications by Year in descending order

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docs citations

27  
times ranked

469  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying the Polymorphs of Zr-Based Metal-Organic Frameworks via Time-Resolved Fluorescence Imaging. , 2022, 4, 370-377.		8
2	Ultrafast Excited-State Dynamics in <i>trans</i> -(N-Heterocyclic carbene)platinum(II) Acetylide Complexes. Inorganic Chemistry, 2021, 60, 10065-10074.	4.0	8
3	Photoinduced Intramolecular Electron Transfer in Phenylene Ethynylene Naphthalimide Oligomers. Journal of Physical Chemistry A, 2021, 125, 3863-3873.	2.5	8
4	Polymer Chromophore-Catalyst Assembly for Photocatalytic CO <sub>2</sub> Reduction. ACS Applied Energy Materials, 2021, 4, 7030-7039.	5.1	6
5	Charge-Transfer Dynamics between Cesium Lead Halide Perovskite Nanocrystals and Surface-Anchored Naphthalimide Acceptors. Journal of Physical Chemistry C, 2021, 125, 14778-14785.	3.1	9
6	High-Purity and Saturated Deep-Blue Luminescence from <i>trans</i> -NHC Platinum(II) Butadiyne Complexes: Properties and Organic Light Emitting Diode Application. ACS Applied Materials & Interfaces, 2021, 13, 5327-5337.	8.0	28
7	Platinum Poly-yne Featuring N-Heterocyclic Carbene Ligands: Synthesis, Properties, and Organic Light-Emitting Diode Application. Macromolecules, 2021, 54, 9888-9895.	4.8	5
8	Ultrafast photoinduced electron transfer in conjugated polyelectrolyte-acceptor ion pair complexes. Materials Chemistry Frontiers, 2020, 4, 3649-3659.	5.9	14
9	Aggregation-Enhanced Two-Photon Absorption of Anionic Conjugated Polyelectrolytes. Journal of Physical Chemistry Letters, 2020, 11, 8292-8296.	4.6	8
10	<i>trans</i> -N-(Heterocyclic Carbene) Platinum(II) Acetylide Chromophores as Phosphors for OLED Applications. ACS Applied Electronic Materials, 2020, 2, 1026-1034.	4.3	33
11	Preparation of platinum nanoparticles using iron(ii) as reductant and photosensitized H <sub>2</sub> generation on an iron storage protein scaffold. RSC Advances, 2020, 10, 5551-5559.	3.6	2
12	Structure of a Zinc Porphyrin-Substituted Bacterioferritin and Photophysical Properties of Iron Reduction. Biochemistry, 2020, 59, 1618-1629.	2.5	2
13	Adenosine Triphosphate Templated Self-Assembly of Cationic Porphyrin into Chiral Double Superhelices and Enzyme-Mediated Disassembly. Journal of the American Chemical Society, 2019, 141, 12610-12618.	13.7	64
14	Blue Phosphorescent <i>trans</i> -N-Heterocyclic Carbene Platinum Acetylides: Dependence on Energy Gap and Conformation. Journal of Physical Chemistry A, 2019, 123, 9069-9078.	2.5	18
15	Stereochemical Effects on Platinum Acetylide Two-Photon Chromophores. Journal of Physical Chemistry A, 2019, 123, 9382-9393.	2.5	9
16	Photophysical Behavior of Isocyanine/Clay Hybrids in the Solid State. Langmuir, 2017, 33, 891-899.	3.5	17
17	Influence of clay minerals on curcumin properties: Stability and singlet oxygen generation. Journal of Molecular Structure, 2017, 1143, 1-7.	3.6	11
18	Optical devices for the detection of cyanide in water based on ethyl(hydroxyethyl)cellulose functionalized with perchromic dyes. Carbohydrate Polymers, 2017, 157, 1548-1556.	10.2	17

#	ARTICLE	IF	CITATIONS
19	A novel biopolymeric photoinitiator based on chitosan and thioxanthone derivative: Synthesis, characterization and efficiency in photopolymerization. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 327, 15-20.	3.9	13
20	3D printing of natural organic materials by photochemistry. Proceedings of SPIE, 2016, , .	0.8	1
21	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
22	Photophysics of Auramine O adsorbed on solid clays. Journal of Luminescence, 2015, 161, 209-213.	3.1	16
23	Thermal properties of poly (methyl methacrylate)/organomodified montmorillonite nanocomposites obtained by <i>in situ</i> photopolymerization. Materials Research, 2014, 17, 265-270.	1.3	32
24	Behaviour of Pseudoisocyanine in Macromolecular and Hydrotropic Solutions. Journal of the Brazilian Chemical Society, 2014, , .	0.6	4
25	Carbon ceramic electrodes obtained by basic catalysis of sol-gel process. Electrochimica Acta, 2013, 112, 783-790.	5.2	8
26	Organomontmorillonite/poly(methyl methacrylate) nanocomposites prepared by <i>in situ</i> photopolymerization. Effect of the organoclay on the photooxidative degradation. Applied Clay Science, 2013, 85, 19-24.	5.2	9
27	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