

Roberto Buscaino

List of Publications by Year in descending order

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944
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#	ARTICLE	IF	CITATIONS
1	A mass spectrometric analysis of sensitizer solution used for dye-sensitized solar cell. <i>Inorganica Chimica Acta</i> , 2008, 361, 798-805.	2.4	78
2	Sublimation Not an Innocent Technique: A Case of Bis-Cyclometalated Iridium Emitter for OLED. <i>Inorganic Chemistry</i> , 2008, 47, 6575-6577.	4.0	78
3	Photophysical properties and computational investigations of tricarboxylrhenium(III)[2-(4-methylpyridin-2-yl)benzo[d]-X-azole]L and tricarboxylrhenium(III)[2-(benzo[d]-X-azol-2-yl)-4-methylquinoline]L derivatives (X=N≡CH ₃ , O, or S); Tj ETQq1 1 0.784314 rgbT /Ove	1.8	66
4	Microwave-Assisted Synthesis of Near-Infrared Fluorescent Indole-Based Squaraines. <i>Organic Letters</i> , 2015, 17, 3306-3309.	4.6	62
5	Facile synthesis of novel blue light and large Stoke shift emitting tetradentate polyazines based on imidazo[1,5-a]pyridine. Part 2. <i>Dyes and Pigments</i> , 2017, 143, 284-290.	3.7	30
6	Preparation and application of a β -cyclodextrin-disperse/reactive dye complex. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 57, 463-470.	1.6	26
7	Characterization of monomeric and gemini cationic amphiphilic molecules by fluorescence intensity and anisotropy. Part 2. <i>Dyes and Pigments</i> , 2009, 83, 396-402.	3.7	25
8	Synthesis of Bench-Stable Diarylmethylum Tetrafluoroborates. <i>Journal of Organic Chemistry</i> , 2015, 80, 4791-4796.	3.2	21
9	Iridium and ruthenium complexes covalently bonded to carbon surfaces by means of electrochemical oxidation of aromatic amines. <i>Catalysis Today</i> , 2010, 158, 22-28.	4.4	20
10	4-Sulfophenylphosphonic Acid: A Novel Precursor to Fabricate Polyfunctional Acid Materials. <i>Chemistry of Materials</i> , 2007, 19, 2671-2678.	6.7	19
11	Controlled Atmosphere in Food Packaging Using Ethylene- β -Cyclodextrin Inclusion Complexes Dispersed in Photocured Acrylic Films. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 579-585.	3.7	19
12	Dopant-Free All-Organic Small-Molecule HTMs for Perovskite Solar Cells: Concepts and Structure-Property Relationships. <i>Energies</i> , 2021, 14, 2279.	3.1	18
13	Effects of additives on the dyeing of polyamide fibres. Part II: Methyl- β -cyclodextrin. <i>Dyes and Pigments</i> , 2006, 69, 7-12.	3.7	17
14	UV-vis spectral modifications of water samples under irradiation: Lake vs. subterranean water. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 251, 85-93.	3.9	16
15	Synthesis, Physicochemical Characterization, and Interaction with DNA of Long Alkyl Chain Gemini Pyridinium Surfactants. <i>ChemPlusChem</i> , 2015, 80, 952-962.	2.8	12
16	Effect of Sodium Hydroxide Pretreatment of NiO Cathodes on the Performance of Squaraine-Sensitized Type Dye-Sensitized Solar Cells. <i>ChemistrySelect</i> , 2018, 3, 1066-1075.	1.5	10
17	Fluorescent trifluoromethylated imidazo[1,5-a]pyridines and their application in luminescent down-shifting conversion. <i>Journal of Luminescence</i> , 2022, 242, 118529.	3.1	8
18	Polymeric Supports for Controlled Release of Ethylene for Food Industry. <i>International Polymer Processing</i> , 2016, 31, 570-576.	0.5	7

#	ARTICLE	IF	CITATIONS
19	Synthesis, optical characterization and crystal and molecular X-ray structure of a phenylazojulolidine derivative. <i>Dyes and Pigments</i> , 2012, 92, 1177-1183.	3.7	6
20	Water based surfactant-assisted synthesis of thienylpyridines and thienylbipyridine intermediates. <i>Dyes and Pigments</i> , 2017, 137, 468-479.	3.7	4
21	[Ag(PPh ₃) ₄][CdCl ₃], the first monomeric trichlorocadmate complex bonded to a phosphorus ligand: A structural and spectroscopic study in solution and solid state. <i>Inorganic Chemistry Communication</i> , 2016, 70, 35-40.	3.9	2