Giorgio Volpi

List of Publications by Year
in descending order

36 papers	923 citations	516215 16 h-index	454577 30 g-index
36 all docs	36 docs citations	36 times ranked	881 citing authors

#	Article	IF	Citations
1	Computational and Spectroscopic Studies of New Rhenium(I) Complexes Containing Pyridylimidazo[1,5-a]pyridine Ligands: Charge Transfer and Dual Emission by Fine-Tuning of Excited States. Organometallics, 2008, 27, 1427-1435.	1.1	131
2	Origin of a counterintuitive yellow light-emitting electrochemical cell based on a blue-emitting heteroleptic copper(<scp>i</scp>) complex. Dalton Transactions, 2016, 45, 8984-8993.	1.6	93
3	Cationic Heteroleptic Cyclometalated Iridium Complexes with 1â€Pyridylimidazo[1,5â€Î±]pyridine Ligands: Exploitation of an Efficient Intersystem Crossing. Chemistry - A European Journal, 2009, 15, 6415-6427.	1.7	65
4	Photophysics of Singlet and Triplet Intraligand Excited States in [ReCl(CO)₃(1-(2-pyridyl)-imidazo[1,5-Î±]pyridine)] Complexes. Journal of the American Chemical Society, 2014, 136, 5963-5973.	6.6	64
5	Spectroscopic and Computational Study on New Blue Emitting ReL(CO)₃Cl Complexes Containing Pyridylimidazo[1,5â€a]pyridine Ligands. European Journal of Inorganic Chemistry, 2008, 2008, 3587-3591.	1.0	60
6	Novel Ligand and Device Designs for Stable Light-Emitting Electrochemical Cells Based on Heteroleptic Copper(I) Complexes. Inorganic Chemistry, 2018, 57, 10469-10479.	1.9	59
7	One pot synthesis of low cost emitters with large Stokes' shift. Dyes and Pigments, 2017, 137, 152-164.	2.0	50
8	Contextualizing yellow light-emitting electrochemical cells based on a blue-emitting imidazo-pyridine emitter. Polyhedron, 2018, 140, 129-137.	1.0	39
9	Facile synthesis of novel blue light and large Stoke shift emitting tetradentate polyazines based on imidazo[1,5-a]pyridine. Dyes and Pigments, 2016, 128, 96-100.	2.0	37
10	Imidazo[1,5-a]pyridine derivatives: useful, luminescent and versatile scaffolds for different applications. New Journal of Chemistry, 2021, 45, 5737-5743.	1.4	32
11	New substituted imidazo[1,5-a]pyridine and imidazo[5,1-a]isoquinoline derivatives and their application in fluorescence cell imaging. Dyes and Pigments, 2018, 157, 298-304.	2.0	31
12	Facile synthesis of novel blue light and large Stoke shift emitting tetradentate polyazines based on imidazo[1,5- a]pyridine â€“ Part 2. Dyes and Pigments, 2017, 143, 284-290.	2.0	30
13	Blue fluorescent zinc(II) complexes based on tunable imidazo[1,5-a]pyridines. Inorganica Chimica Acta, 2020, 509, 119662.	1.2	27
14	Halogenated imidazo[1,5-a]pyridines: chemical structure and optical properties of a promising luminescent scaffold. Dyes and Pigments, 2019, 171, 107713.	2.0	21
15	Iridium and ruthenium complexes covalently bonded to carbon surfaces by means of electrochemical oxidation of aromatic amines. Catalysis Today, 2010, 158, 22-28.	2.2	20
16	Peptide-based affinity media for solid-phase extraction of Ochratoxin A from wine samples: Effect of the solid support on binding properties. Talanta, 2015, 144, 496-501.	2.9	18
17	Bridging Solution and Solid-State Chemistry of Dicyanoaurate: The Case Study of Znâ€“Au Nucleation Units. Inorganic Chemistry, 2020, 59, 203-213.	1.9	17
18	Exploring synthetic pathways to cationic heteroleptic cyclometalated iridium complexes derived from dipyridylketone. Dalton Transactions, 2012, 41, 7098.	1.6	14

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19	Dipyridylketone as a versatile ligand precursor for new cationic heteroleptic cyclometalated iridium complexes. Dalton Transactions, 2012, 41, 1065-1073.	1.6	13
20	Demonstrating the Presence of Cyanide in Bitter Seeds while Helping Students Visualize Metalâ€“Cyanide Reduction and Formation in a Copper Complex Reaction. Journal of Chemical Education, 2016, 93, 891-897.	1.1	11
21	Methoxy-substituted copper complexes as possible redox mediators in dye-sensitized solar cells. New Journal of Chemistry, 2021, 45, 15303-15311.	1.4	11
22	Strategies to increase the quantum yield: Luminescent methoxylated imidazo[1,5-a]pyridines. Dyes and Pigments, 2021, 192, 109455.	2.0	11
23	FLUO-SPICES: natural aldehydes extraction and one-pot reaction to prepare and characterize new interesting fluorophores. Education for Chemical Engineers, 2018, 24, 1-6.	2.8	10
24	Luminescent Imidazo[1,5â€a]pyridine Scaffold: Synthetic Heterocyclization Strategiesâ€Overview and Promising Applications. Asian Journal of Organic Chemistry, 2022, 11, .	1.3	10
25	Fluorescent trifluoromethylated imidazo[1,5-a]pyridines and their application in luminescent down-shifting conversion. Journal of Luminescence, 2022, 242, 118529.	1.5	8
26	Natural aldehyde extraction and direct preparation of new blue light-emitting imidazo[1,5-a]pyridine fluorophores. Natural Product Research, 2018, 32, 2304-2311.	1.0	7
27	Pollution Abatement of Heavy Metals in Different Conditions by Water Kefir Grains as a Protective Tool against Toxicity. Journal of Chemistry, 2019, 2019, 1-10.	0.9	7
28	Microwave-Assisted Synthesis, Optical and Theoretical Characterization of Novel 2-(imidazo[1,5-a]pyridine-1-yl)pyridinium Salts. Chemistry, 2021, 3, 714-727.	0.9	7
29	Polymorphism and solid state peculiarities in imidazo[1,5-a]pyridine core deriving compounds: An analysis of energetic and structural driving forces. Journal of Molecular Structure, 2022, 1253, 132175.	1.8	5
30	Imidazo[1,5-a]pyridine-Based Fluorescent Probes: A Photophysical Investigation in Liposome Models. Molecules, 2022, 27, 3856.	1.7	4
31	EPR and photophysical characterization of six bioactive oxidovanadium(IV) complexes in the conditions of in vitro cell tests. Journal of Inorganic Biochemistry, 2017, 170, 55-62.	1.5	3
32	Synthesis and Crystal Structure of Bis(2-phenylpyridine-C,Nâ€™)-bis(acetonitrile)iridium(III)hexafluorophosphate Showing Three Anion/Cation Couples in the Asymmetric Unit. Crystals, 2019, 9, 617.	1.0	2
33	Dipyridylmethane Ethers as Ligands for Luminescent Ir Complexes. Molecules, 2021, 26, 7161.	1.7	2
34	Characterization of unifloral Italian (Piedmont region) honeys by headspace solid phase microextraction coupled to gas chromatographyâ€“mass spectrometry. JSFA Reports, 2022, 2, 341-350.	0.2	2
35	Quantitative insights on the interaction between metal ions and water kefir grains: kinetics studies and EPR investigations. Natural Product Research, 2020, , 1-5.	1.0	1
36	A new auspicious scaffold for small dyes and fluorophores. Dyes and Pigments, 2022, 197, 109849.	2.0	1