

# Giorgio Volpi

## List of Publications by Year in descending order

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36  
papers

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citations

516215

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescent trifluoromethylated imidazo[1,5-a]pyridines and their application in luminescent down-shifting conversion. <i>Journal of Luminescence</i> , 2022, 242, 118529.	1.5	8
2	A new auspicious scaffold for small dyes and fluorophores. <i>Dyes and Pigments</i> , 2022, 197, 109849.	2.0	1
3	Polymorphism and solid state peculiarities in imidazo[1,5-a]pyridine core deriving compounds: An analysis of energetic and structural driving forces. <i>Journal of Molecular Structure</i> , 2022, 1253, 132175.	1.8	5
4	Luminescent Imidazo[1,5-a]pyridine Scaffold: Synthetic Heterocyclization Strategies—Overview and Promising Applications. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	1.3	10
5	Imidazo[1,5-a]pyridine-Based Fluorescent Probes: A Photophysical Investigation in Liposome Models. <i>Molecules</i> , 2022, 27, 3856.	1.7	4
6	Characterization of unifloral Italian (Piedmont region) honeys by headspace solid phase microextraction coupled to gas chromatography—mass spectrometry. <i>JSFA Reports</i> , 2022, 2, 341-350.	0.2	2
7	Methoxy-substituted copper complexes as possible redox mediators in dye-sensitized solar cells. <i>New Journal of Chemistry</i> , 2021, 45, 15303-15311.	1.4	11
8	Imidazo[1,5-a]pyridine derivatives: useful, luminescent and versatile scaffolds for different applications. <i>New Journal of Chemistry</i> , 2021, 45, 5737-5743.	1.4	32
9	Microwave-Assisted Synthesis, Optical and Theoretical Characterization of Novel 2-(imidazo[1,5-a]pyridine-1-yl)pyridinium Salts. <i>Chemistry</i> , 2021, 3, 714-727.	0.9	7
10	Strategies to increase the quantum yield: Luminescent methoxylated imidazo[1,5-a]pyridines. <i>Dyes and Pigments</i> , 2021, 192, 109455.	2.0	11
11	Dipyridylmethane Ethers as Ligands for Luminescent Ir Complexes. <i>Molecules</i> , 2021, 26, 7161.	1.7	2
12	Bridging Solution and Solid-State Chemistry of Dicyanoaurate: The Case Study of Zn—Au Nucleation Units. <i>Inorganic Chemistry</i> , 2020, 59, 203-213.	1.9	17
13	Quantitative insights on the interaction between metal ions and water kefir grains: kinetics studies and EPR investigations. <i>Natural Product Research</i> , 2020, , 1-5.	1.0	1
14	Blue fluorescent zinc(II) complexes based on tunable imidazo[1,5-a]pyridines. <i>Inorganica Chimica Acta</i> , 2020, 509, 119662.	1.2	27
15	Halogenated imidazo[1,5-a]pyridines: chemical structure and optical properties of a promising luminescent scaffold. <i>Dyes and Pigments</i> , 2019, 171, 107713.	2.0	21
16	Pollution Abatement of Heavy Metals in Different Conditions by Water Kefir Grains as a Protective Tool against Toxicity. <i>Journal of Chemistry</i> , 2019, 2019, 1-10.	0.9	7
17	Synthesis and Crystal Structure of Bis(2-phenylpyridine-C,N)-bis(acetonitrile)iridium(III)hexafluorophosphate Showing Three Anion/Cation Couples in the Asymmetric Unit. <i>Crystals</i> , 2019, 9, 617.	1.0	2
18	Contextualizing yellow light-emitting electrochemical cells based on a blue-emitting imidazo-pyridine emitter. <i>Polyhedron</i> , 2018, 140, 129-137.	1.0	39

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19	Natural aldehyde extraction and direct preparation of new blue light-emitting imidazo[1,5-a]pyridine fluorophores. <i>Natural Product Research</i> , 2018, 32, 2304-2311.	1.0	7
20	FLUO-SPICES: natural aldehydes extraction and one-pot reaction to prepare and characterize new interesting fluorophores. <i>Education for Chemical Engineers</i> , 2018, 24, 1-6.	2.8	10
21	Novel Ligand and Device Designs for Stable Light-Emitting Electrochemical Cells Based on Heteroleptic Copper(I) Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 10469-10479.	1.9	59
22	New substituted imidazo[1,5-a]pyridine and imidazo[5,1-a]isoquinoline derivatives and their application in fluorescence cell imaging. <i>Dyes and Pigments</i> , 2018, 157, 298-304.	2.0	31
23	EPR and photophysical characterization of six bioactive oxidovanadium(IV) complexes in the conditions of in vitro cell tests. <i>Journal of Inorganic Biochemistry</i> , 2017, 170, 55-62.	1.5	3
24	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.	2.0	30
25	One pot synthesis of low cost emitters with large Stokes' shift. <i>Dyes and Pigments</i> , 2017, 137, 152-164.	2.0	50
26	Demonstrating the Presence of Cyanide in Bitter Seeds while Helping Students Visualize Metal–Cyanide Reduction and Formation in a Copper Complex Reaction. <i>Journal of Chemical Education</i> , 2016, 93, 891-897.	1.1	11
27	Origin of a counterintuitive yellow light-emitting electrochemical cell based on a blue-emitting heteroleptic copper complex. <i>Dalton Transactions</i> , 2016, 45, 8984-8993.	1.6	93
28	Facile synthesis of novel blue light and large Stoke shift emitting tetradentate polyazines based on imidazo[1,5-a]pyridine. <i>Dyes and Pigments</i> , 2016, 128, 96-100.	2.0	37
29	Peptide-based affinity media for solid-phase extraction of Ochratoxin A from wine samples: Effect of the solid support on binding properties. <i>Talanta</i> , 2015, 144, 496-501.	2.9	18
30	Photophysics of Singlet and Triplet Intraligand Excited States in [ReCl(CO) <sub>3</sub> (1-(2-pyridyl)-imidazo[1,5-a]pyridine)] Complexes. <i>Journal of the American Chemical Society</i> , 2014, 136, 5963-5973.	6.6	64
31	Dipyridylketone as a versatile ligand precursor for new cationic heteroleptic cyclometalated iridium complexes. <i>Dalton Transactions</i> , 2012, 41, 1065-1073.	1.6	13
32	Exploring synthetic pathways to cationic heteroleptic cyclometalated iridium complexes derived from dipyridylketone. <i>Dalton Transactions</i> , 2012, 41, 7098.	1.6	14
33	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.	2.2	20
34	Cationic Heteroleptic Cyclometalated Iridium Complexes with $\pi$ -Pyridylimidazo[1,5-a]pyridine Ligands: Exploitation of an Efficient Intersystem Crossing. <i>Chemistry - A European Journal</i> , 2009, 15, 6415-6427.	1.7	65
35	Spectroscopic and Computational Study on New Blue Emitting ReL(CO) <sub>3</sub> Cl Complexes Containing Pyridylimidazo[1,5-a]pyridine Ligands. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 3587-3591.	1.0	60
36	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. <i>Organometallics</i> , 2008, 27, 1427-1435.	1.1	131