

Claudio Garino

List of Publications by Year in descending order

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75
papers

2,254
citations

201385

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233125

45
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76
all docs

76
docs citations

76
times ranked

2988
citing authors

#	ARTICLE	IF	CITATIONS
1	A new auspicious scaffold for small dyes and fluorophores. <i>Dyes and Pigments</i> , 2022, 197, 109849.	2.0	1
2	Thermochromic photoluminescent 3D printed polymeric devices based on copper-iodide clusters. <i>Additive Manufacturing</i> , 2022, 49, 102504.	1.7	4
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	Multivariate Analysis Identifying [Cu(N ^N)(P ^P)] ⁺ Design and Device Architecture Enables First-Class Blue and White Light-Emitting Electrochemical Cells. <i>Advanced Materials</i> , 2022, 34, e2109228.	11.1	18
5	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
6	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
7	Strategies to increase the quantum yield: Luminescent methoxylated imidazo[1,5-a]pyridines. <i>Dyes and Pigments</i> , 2021, 192, 109455.	2.0	11
8	Photoactivated Osmium Arene Anticancer Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 17450-17461.	1.9	18
9	Dipyridylmethane Ethers as Ligands for Luminescent Ir Complexes. <i>Molecules</i> , 2021, 26, 7161.	1.7	2
10	Bridging Solution and Solid-State Chemistry of Dicyanoaurate: The Case Study of Zn ^{II} -Au Nucleation Units. <i>Inorganic Chemistry</i> , 2020, 59, 203-213.	1.9	17
11	Flavin Bioorthogonal Photocatalysis Toward Platinum Substrates. <i>ACS Catalysis</i> , 2020, 10, 187-196.	5.5	34
12	Blue fluorescent zinc(II) complexes based on tunable imidazo[1,5-a]pyridines. <i>Inorganica Chimica Acta</i> , 2020, 509, 119662.	1.2	27
13	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
14	Light-activated generation of nitric oxide (NO) and sulfite anion radicals (SO ₃ ^{•-}) from a ruthenium(II) nitrosylsulphito complex. <i>Dalton Transactions</i> , 2019, 48, 10812-10823.	1.6	11
15	Electronic Effects of Substituents on fac-M(bpy-R)(CO) ₃ (M = Mn, Re) Complexes for Homogeneous CO ₂ Electroreduction. <i>Frontiers in Chemistry</i> , 2019, 7, 417.	1.8	28
16	Halogen-Bonding Interactions and Electrochemical Properties of Unsymmetrical Pyrazole Pincer Ni ^{II} Halides: A Peculiar Behavior of the Fluoride Complex (PCN)NiF. <i>ACS Omega</i> , 2019, 4, 1118-1129.	1.6	19
17	Electrochemical and Photochemical Reduction of CO ₂ Catalyzed by Re(I) Complexes Carrying Local Proton Sources. <i>Organometallics</i> , 2019, 38, 1351-1360.	1.1	48
18	Effect of Sodium Hydroxide Pretreatment of NiO _x Cathodes on the Performance of Squaraine-Sensitized Type Dye-Sensitized Solar Cells. <i>ChemistrySelect</i> , 2018, 3, 1066-1075.	0.7	10

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19	Contextualizing yellow light-emitting electrochemical cells based on a blue-emitting imidazo-pyridine emitter. <i>Polyhedron</i> , 2018, 140, 129-137.	1.0	39
20	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
21	Computational study of the electrochemical reduction of W(CO) ₄ (2,2'-dipyridylamine). <i>Inorganica Chimica Acta</i> , 2018, 470, 373-378.	1.2	11
22	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
23	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
24	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
25	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
26	Effect of Alkyl Chain Length on the Sensitizing Action of Substituted Non-symmetric Squaraines for p-Type Dye-Sensitized Solar Cells. <i>ChemElectroChem</i> , 2017, 4, 2385-2397.	1.7	17
27	Combined Solid-State NMR and Computational Approach for Probing the CO ₂ Binding Sites in a Porous-Organic Polymer. <i>Journal of Physical Chemistry C</i> , 2017, 121, 8850-8856.	1.5	8
28	Heck functionalization of an asymmetric aza-BODIPY core: synthesis of far-red infrared probes for bioimaging applications. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 884-893.	1.5	19
29	Electrochemical CO ₂ Reduction at Glassy Carbon Electrodes Functionalized by Mn ^I and Re ^I Organometallic Complexes. <i>ChemPhysChem</i> , 2017, 18, 3219-3229.	1.0	54
30	Click-based porous cationic polymers for enhanced carbon dioxide capture. <i>Journal of Materials Chemistry A</i> , 2017, 5, 372-383.	5.2	60
31	Terpyridine and Quaterpyridine Complexes as Sensitizers for Photovoltaic Applications. <i>Materials</i> , 2016, 9, 137.	1.3	50
32	Upconverting Nanoparticles Prompt Remote Near-Infrared Photoactivation of Ru(II)-Arene Complexes. <i>Chemistry - A European Journal</i> , 2016, 22, 2801-2811.	1.7	23
33	Vibrational-Structural Combined Study into Luminescent Mixed Copper(I)/Copper(II) Cyanide Coordination Polymers. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 2975-2983.	1.0	11
34	Origin of a counterintuitive yellow light-emitting electrochemical cell based on a blue-emitting heteroleptic copper(I) complex. <i>Dalton Transactions</i> , 2016, 45, 8984-8993.	1.6	93
35	Extensive methodology screening of meso-tetrakis-(furan-2-yl)-porphyrin microwave-assisted synthesis. <i>New Journal of Chemistry</i> , 2016, 40, 2574-2581.	1.4	4
36	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

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37	Teaching Inorganic Photophysics and Photochemistry with Three Ruthenium(II) Polypyridyl Complexes: A Computer-Based Exercise. <i>Journal of Chemical Education</i> , 2016, 93, 292-298.	1.1	13
38	Photorelease of Pyridyl Esters in Organometallic Ru(II) Arene Complexes. <i>Molecules</i> , 2015, 20, 7276-7291.	1.7	13
39	Redox-active and DNA-binding coordination complexes of clotrimazole. <i>Dalton Transactions</i> , 2015, 44, 3673-3685.	1.6	23
40	Solvent-Free Synthesis of Luminescent Copper(I) Coordination Polymers with Thiourea Derivatives. <i>Crystal Growth and Design</i> , 2015, 15, 2929-2939.	1.4	27
41	Microwave-Assisted Synthesis of Near-Infrared Fluorescent Indole-Based Squaraines. <i>Organic Letters</i> , 2015, 17, 3306-3309.	2.4	62
42	Gold finger formation studied by high-resolution mass spectrometry and in silico methods. <i>Chemical Communications</i> , 2015, 51, 1612-1615.	2.2	43
43	Increasing DNA reactivity and in vitro antitumor activity of trans diiodido Pt(II) complexes with UVA light. <i>Journal of Inorganic Biochemistry</i> , 2015, 153, 211-218.	1.5	15
44	Photo- and Electrocatalytic Reduction of CO ₂ by [Re(CO) ₃ {(1,1'-Diimine)(4-Epiperidinyl-1,8-naphthalimide)}Cl] Complexes. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 296-304.	1.0	45
45	Monitoring excited state dynamics in cis-[Ru(bpy) ₂ (py) ₂] ²⁺ by ultrafast synchrotron techniques. <i>Catalysis Today</i> , 2014, 229, 34-45.	2.2	15
46	Determination of the electronic and structural configuration of coordination compounds by synchrotron-radiation techniques. <i>Coordination Chemistry Reviews</i> , 2014, 277-278, 130-186.	9.5	87
47	Copper(II) interacting with the non-steroidal antiinflammatory drug flufenamic acid: Structure, antioxidant activity and binding to DNA and albumins. <i>Journal of Inorganic Biochemistry</i> , 2013, 123, 53-65.	1.5	131
48	Ruthenium polypyridyl squalene derivative: A novel self-assembling lipophilic probe for cellular imaging. <i>International Journal of Pharmaceutics</i> , 2013, 440, 221-228.	2.6	16
49	High energy resolution core-level X-ray spectroscopy for electronic and structural characterization of osmium compounds. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 16152.	1.3	33
50	X-ray transient absorption structural characterization of the 3MLCT triplet excited state of cis-[Ru(bpy) ₂ (py) ₂] ²⁺ . <i>Dalton Transactions</i> , 2013, 42, 6564.	1.6	38
51	The photochemistry of transition metal complexes using density functional theory. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20120134.	1.6	44
52	Synchrotron ultrafast techniques for photoactive transition metal complexes. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20120132.	1.6	16
53	The Use of Differential EXAFS Analysis for the determination of Small Structural Differences between two closely-related Ruthenium Complexes. <i>Journal of Physics: Conference Series</i> , 2013, 430, 012125.	0.3	0
54	Dipyridylketone as a versatile ligand precursor for new cationic heteroleptic cyclometalated iridium complexes. <i>Dalton Transactions</i> , 2012, 41, 1065-1073.	1.6	13

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55	Exploring synthetic pathways to cationic heteroleptic cyclometalated iridium complexes derived from dipyritylketone. Dalton Transactions, 2012, 41, 7098.	1.6	14
56	Resonant X-ray emission spectroscopy reveals d ⁸ ligand-field states involved in the self-assembly of a square-planar platinum complex. Physical Chemistry Chemical Physics, 2012, 14, 15278.	1.3	14
57	EXAFS, DFT, Light-Induced Nucleobase Binding, and Cytotoxicity of the Photoactive Complex <i>cis</i> -[Ru(bpy) ₂ (CO)Cl] ⁺ . Organometallics, 2010, 29, 6703-6710.	1.1	38
58	Spectroscopic and Computational Study of Ligand Photodissociation from [Ru(dipyrido[3,2-a:2',3'-c]phenazine)(4-aminopyridine) ₄] ²⁺ . European Journal of Inorganic Chemistry, 2010, 2010, 1186-1195.	1.0	9
59	Photo-Induced Pyridine Substitution in <i>cis</i> -[Ru(bpy) ₂ (py) ₂]Cl ₂ : A Snapshot by Time-Resolved X-ray Solution Scattering. Inorganic Chemistry, 2010, 49, 11240-11248.	1.9	41
60	Cationic Heteroleptic Cyclometalated Iridium Complexes with 1-Pyridylimidazo[1,5-a]pyridine Ligands: Exploitation of an Efficient Intersystem Crossing. Chemistry - A European Journal, 2009, 15, 6415-6427.	1.7	65
61	Ligand-Selective Photodissociation from [Ru(bpy)(4AP) ₄] ²⁺ : a Spectroscopic and Computational Study. Inorganic Chemistry, 2009, 48, 1469-1481.	1.9	68
62	Synthesis and Molecular Structure of [Fe ₄ (CO) ₁₀ (μ_4 -O)(μ_2 -dppn)] (dppn =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (1,8-bis(dipyrityl)ethane)iron tetracarbonyl complex. Inorganic Chemistry, 2009, 48, 1469-1481.	1.1	12
63	Structure of [Ru(bpy) _n (AP) _(6-2n)] ²⁺ homogeneous complexes: DFT calculation vs. EXAFS. Journal of Physics: Conference Series, 2009, 190, 012141.	0.3	8
64	Spectroscopic and Computational Study on New Blue Emitting ReL(CO) ₃ Cl Complexes Containing Pyridylimidazo[1,5-a]pyridine Ligands. European Journal of Inorganic Chemistry, 2008, 2008, 3587-3591.	1.0	60
65	Mechanism of Ligand Photodissociation in Photoactivable [Ru(bpy) ₂ L ₂] ²⁺ Complexes: A Density Functional Theory Study. Journal of the American Chemical Society, 2008, 130, 9590-9597.	6.6	149
66	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
67	Photophysical properties and computational investigations of tricarbonylrhenium(I)[2-(4-methylpyridin-2-yl)benzo[d]-X-azole]L and tricarbonylrhenium(I)[2-(benzo[d]-X-azol-2-yl)-4-methylquinoline]L derivatives (X=N=CH ₃ , O, or S;) Tj ETQq1 1 0.984314 rgBT /Overlock 10 Tf 50 467 Td	0.8	66
68	Spectroscopic and Computational Studies of a Ru(II) Terpyridine Complex: The Importance of Weak Intermolecular Forces to Photophysical Properties. Inorganic Chemistry, 2007, 46, 8752-8762.	1.9	25
69	Synthesis, Electrochemical and Electrogenenerated Chemiluminescence Studies of Ruthenium(II) Bis(2,2'-bipyridyl){2-(4-methylpyridin-2-yl)benzo[d]-X-azole} Complexes. European Journal of Inorganic Chemistry, 2006, 2006, 2839-2849.	1.0	23
70	Tricarbonylchlororhenium(I) Carboxaldimine Derivatives: Synthesis, Structure, and NMR Characterization of Z and E Isomers. European Journal of Inorganic Chemistry, 2006, 2006, 2885-2893.	1.0	15
71	Electrochemical behaviour and reactivity of [Os(bpy) ₂ (CO)(OTf)] ⁺ in halogenated solvents. Inorganica Chimica Acta, 2005, 358, 196-200.	1.2	2
72	The crystal and molecular structure of the [Os(bpy) ₂ (CO)Cl] ⁺ OTf ⁻ complex. Comptes Rendus Chimie, 2005, 8, 1676-1683.	0.2	2

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73	Solid-State Structure, Quantum Calculations and Spectroscopic Characterization of the Hydrogen-Bonded Complex $[\text{Os}(\text{bpy})_2(\text{CO})(\text{EtO}\text{---}\text{H-DMAP})][\text{PF}_6]_2$. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 606-614.	1.0	7
74	$[\text{Os}(\text{bpy})_2(\text{CO})(\text{enIA})][\text{OTf}]_2$: A Novel Sulfhydryl-Specific Metal-Ligand Complex. <i>Inorganic Chemistry</i> , 2005, 44, 3875-3879.	1.9	16
75	5. Structural and electronic characterization of nanosized inorganic materials by X-ray absorption spectroscopies. , 0 , .		0