

Filippo Monti

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	4-Phenyl-1,2,3-triazoles as Versatile Ligands for Cationic Cyclometalated Iridium(III) Complexes. <i>Inorganic Chemistry</i> , 2022, 61, 8509-8520.	1.9	6
2	Novel Cu(I)-5-nitropyridine-2-thiol Cluster with NIR Emission: Structural and Photophysical Characterization. <i>Journal of Physical Chemistry C</i> , 2022, 126, 10190-10198.	1.5	4
3	Push-pull thiophene-based small molecules with donor and acceptor units of varying strength for photovoltaic application: beyond P3HT and PCBM. <i>Journal of Materials Chemistry C</i> , 2021, 9, 11216-11228.	2.7	4
4	Sterilization of Semiconductive Nanomaterials: The Case of Water-Suspended Poly(3-hexylthiophene) Nanoparticles. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001306.	3.9	5
5	Excited-State Engineering in Heteroleptic Iridium(III) Complexes. <i>Accounts of Chemical Research</i> , 2021, 54, 1492-1505.	7.6	57
6	New approaches to study excited states in density functional theory: general discussion. <i>Faraday Discussions</i> , 2020, 224, 483-508.	1.6	2
7	Iridium(III) Complexes with Fluorinated Phenyl-tetrazoles as Cyclometalating Ligands: Enhanced Excited-State Energy and Blue Emission. <i>Inorganic Chemistry</i> , 2020, 59, 16238-16250.	1.9	12
8	Phosphorescent Cyclometalated Iridium(III) Complexes Bearing Ethynyl-Extended 2-(2'-Hydroxyphenyl) Benzoxazole Ancillary Ligands. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1775-1782.	1.0	1
9	Highly Efficient Luminescent Solar Concentrators Based on Benzoheterodiazole Dyes with Large Stokes Shifts. <i>Chemistry - A European Journal</i> , 2020, 26, 11013-11023.	1.7	16
10	Luminescent methacrylic copolymers with side-chain cyclometalated iridium(III) complexes. <i>Dyes and Pigments</i> , 2019, 160, 188-197.	2.0	7
11	Nanostructuring Iridium Complexes into Crystalline Phosphorescent Nanoparticles: Structural Characterization, Photophysics, and Biological Applications. <i>ACS Applied Bio Materials</i> , 2019, 2, 4594-4603.	2.3	3
12	Carbazole-Terpyridine Donor-Acceptor Dyads with Rigid Conjugated Bridges. <i>ChemPlusChem</i> , 2019, 84, 1353-1365.	1.3	11
13	Dinuclear Copper(I) Complexes Combining Bis(diphenylphosphanyl)acetylene with 1,10-Phenanthroline Ligands. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2662-2662.	1.0	0
14	Thermodynamically versus Kinetically Controlled Self-Assembly of a Naphthalenediimide-Thiophene Derivative: From Crystalline, Fluorescent, n-Type Semiconducting 1D Needles to Nanofibers. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 16864-16871.	4.0	17
15	Dinuclear Copper(I) Complexes Combining Bis(diphenylphosphanyl)acetylene with 1,10-Phenanthroline Ligands. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2665-2673.	1.0	10
16	Multiscale time-resolved fluorescence study of a glycogen phosphorylase inhibitor combined with quantum chemistry calculations. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 7685-7696.	1.3	3
17	Cyclometalated N-heterocyclic carbene iridium(III) complexes with naphthalimide chromophores: a novel class of phosphorescent heteroleptic compounds. <i>Dalton Transactions</i> , 2018, 47, 3440-3451.	1.6	23
18	Heteroleptic Copper(I) Pseudorotaxanes Incorporating Macrocyclic Phenanthroline Ligands of Different Sizes. <i>Journal of the American Chemical Society</i> , 2018, 140, 2336-2347.	6.6	85

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19	Unconventional Synthesis of a Cu ^I Rotaxane with a Superacceptor Stopper: Ultrafast Excited-State Dynamics and Near-Infrared Luminescence. <i>Chemistry - A European Journal</i> , 2018, 24, 10422-10433.	1.7	9
20	Heteroleptic Copper(I) Complexes Prepared from Phenanthroline and Bis-Phosphine Ligands: Rationalization of the Photophysical and Electrochemical Properties. <i>Inorganic Chemistry</i> , 2018, 57, 15537-15549.	1.9	83
21	Click-Derived Triazolylidenes as Chelating Ligands: Achievement of a Neutral and Luminescent Iridium(III)-Triazolide Complex. <i>Inorganic Chemistry</i> , 2018, 57, 11673-11686.	1.9	35
22	A New Potent Inhibitor of Glycogen Phosphorylase Reveals the Basicity of the Catalytic Site. <i>Chemistry - A European Journal</i> , 2017, 23, 8800-8805.	1.7	11
23	Anionic Cyclometalated Iridium(III) Complexes with a Bis-Tetrazolate Ancillary Ligand for Light-Emitting Electrochemical Cells. <i>Inorganic Chemistry</i> , 2017, 56, 10584-10595.	1.9	36
24	Frontispiece: A New Potent Inhibitor of Glycogen Phosphorylase Reveals the Basicity of the Catalytic Site. <i>Chemistry - A European Journal</i> , 2017, 23, .	1.7	0
25	Photocatalytic Radical Alkylation of Electrophilic Olefins by Benzylic and Alkyl Zinc-Sulfonates. <i>ACS Catalysis</i> , 2017, 7, 5357-5362.	5.5	41
26	Photoredox radical conjugate addition of dithiane-2-carboxylate promoted by an iridium(III) phenyl-tetrazole complex: a formal radical methylation of Michael acceptors. <i>Chemical Science</i> , 2017, 8, 1613-1620.	3.7	45
27	A Mesoionic Carbene as Neutral Ligand for Phosphorescent Cationic Ir(III) Complexes. <i>Inorganic Chemistry</i> , 2016, 55, 7912-7919.	1.9	51
28	Deep-Red Phosphorescent Iridium(III) Complexes with Chromophoric N-Heterocyclic Carbene Ligands: Design, Photophysical Properties, and DFT Calculations. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1631-1634.	1.0	29
29	The Rise of Near-Infrared Emitters: Organic Dyes, Porphyrinoids, and Transition Metal Complexes. <i>Topics in Current Chemistry</i> , 2016, 374, 47.	3.0	58
30	White luminescence achieved by a multiple thermochromic emission in a hybrid organic-inorganic compound based on 3-picolyamine and copper(I) iodide. <i>Dalton Transactions</i> , 2016, 45, 17939-17947.	1.6	37
31	[60]Fullerene-porphyrin [n]pseudorotaxanes: self-assembly, photophysics and third-order NLO response. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 11858-11868.	1.3	18
32	Cationic Iridium(III) Complexes with Two Carbene-Based Cyclometalating Ligands: Cis Versus Trans Isomers. <i>Inorganic Chemistry</i> , 2015, 54, 3031-3042.	1.9	36
33	Nanomaterials for Lighting and Solar Energy Conversion. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2015, , 373-414.	0.2	0
34	Anilino-Substituted Multicyanobuta-1,3-diene Electron Acceptors: TICT Molecules with Accessible Conical Intersections. <i>Journal of Physical Chemistry A</i> , 2015, 119, 10677-10683.	1.1	21
35	A chelating diisocyanide ligand for cyclometalated Ir(III) complexes with strong and tunable luminescence. <i>Faraday Discussions</i> , 2015, 185, 233-248.	1.6	16
36	Natural and artificial photosynthesis: general discussion. <i>Faraday Discussions</i> , 2015, 185, 187-217.	1.6	3

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37	Luminescence sensing and imaging: general discussion. <i>Faraday Discussions</i> , 2015, 185, 311-335.	1.6	2
38	Self-organization of photo-active nanostructures: general discussion. <i>Faraday Discussions</i> , 2015, 185, 529-548.	1.6	2
39	Combining Topological and Steric Constraints for the Preparation of Heteroleptic Copper(I) Complexes. <i>Chemistry - A European Journal</i> , 2014, 20, 12083-12090.	1.7	24
40	Iridium(III) Complexes with Phenyl-tetrazoles as Cyclometalating Ligands. <i>Inorganic Chemistry</i> , 2014, 53, 7709-7721.	1.9	72
41	Dinuclear Cu(I) complexes prepared from 2-diphenylphosphino-6-methylpyridine. <i>Polyhedron</i> , 2014, 82, 158-172.	1.0	29
42	Cyanobutadienes as Novel Electron Acceptors for Photoactive Multicomponent Systems. <i>Chemistry - A European Journal</i> , 2014, 20, 202-216.	1.7	40
43	Homoleptic and heteroleptic Ru(II) complexes with extended phenanthroline-based ligands. <i>Polyhedron</i> , 2014, 82, 122-131.	1.0	9
44	Ultrasound Stimulated Nucleation and Growth of a Dye Assembly into Extended Gel Nanostructures. <i>Chemistry - A European Journal</i> , 2013, 19, 12991-13001.	1.7	79
45	Heteroleptic Copper(I) Complexes Prepared from Phenanthroline and Bis-Phosphine Ligands. <i>Inorganic Chemistry</i> , 2013, 52, 12140-12151.	1.9	202
46	Charged Bis-Cyclometalated Iridium(III) Complexes with Carbene-Based Ancillary Ligands. <i>Inorganic Chemistry</i> , 2013, 52, 10292-10305.	1.9	110
47	Ligand-Based Charge-Transfer Luminescence in Ionic Cyclometalated Iridium(III) Complexes Bearing a Pyrene-Functionalized Bipyridine Ligand: A Joint Theoretical and Experimental Study. <i>Inorganic Chemistry</i> , 2013, 52, 885-897.	1.9	56
48	Carbazole-terpyridine donor-acceptor luminophores. <i>RSC Advances</i> , 2013, 3, 6507.	1.7	18
49	New tetrazole-based Cu(I) homo- and heteroleptic complexes with various P^P ligands: synthesis, characterization, redox and photophysical properties. <i>Dalton Transactions</i> , 2013, 42, 997-1010.	1.6	103
50	Extreme Tuning of Redox and Optical Properties of Cationic Cyclometalated Iridium(III) Isocyanide Complexes. <i>Organometallics</i> , 2013, 32, 460-467.	1.1	49
51	Bright Blue Phosphorescence from Cationic Bis-Cyclometalated Iridium(III) Isocyanide Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 2263-2271.	1.9	74
52	Blue Phosphorescence of Trifluoromethyl- and Trifluoromethoxy-Substituted Cationic Iridium(III) Isocyanide Complexes. <i>Organometallics</i> , 2012, 31, 6288-6296.	1.1	47
53	Luminescent Ionic Transition-Metal Complexes for Light-Emitting Electrochemical Cells. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8178-8211.	7.2	857
54	Influence of Halogen Atoms on a Homologous Series of Bis-Cyclometalated Iridium(III) Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 799-811.	1.9	107

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55	Fullerodendrimers with a perylenediimide core. <i>New Journal of Chemistry</i> , 2011, 35, 2234.	1.4	34
56	Photophysical Properties of Charged Cyclometalated Ir(III) Complexes: A Joint Theoretical and Experimental Study. <i>Inorganic Chemistry</i> , 2011, 50, 7229-7238.	1.9	101
57	Fullerene-rich dendrimers: divergent synthesis and photophysical properties. <i>New Journal of Chemistry</i> , 2009, 33, 337-344.	1.4	23