

Matteo Mauro

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70
papers

2,782
citations

27
h-index

52
g-index

77
ext. papers

3,116
ext. citations

7.5
avg, IF

5.6
L-index

#	Paper	IF	Citations
70	Spontaneous polymerization of benzofulvene derivatives bearing complexed or un-complexed pyridine rings. <i>European Polymer Journal</i> , 2022 , 169, 111137	5.2	0
69	Ir(III) Pyridoannelated N-Heterocyclic Carbene Complexes: Potent Theranostic Agents via Mitochondria Targeting. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 1551-1564	2.3	0
68	Cationic rhenium(I) complexes bearing a π -accepting pyridoannulated N-heterocyclic carbene ligand: Synthesis, photophysical, electrochemical and theoretical investigation. <i>Polyhedron</i> , 2021 , 197, 115025	2.7	1
67	Copper(I) complexes with remotely functionalized phosphine ligands: Synthesis, structural variety, photophysics and effect onto the optical properties. <i>Inorganica Chimica Acta</i> , 2021 , 514, 119971	2.7	5
66	Rhenium(I) N-Heterocyclic Carbene Complexes in Photoinitiating Systems for Polymerization upon Visible Light: Development of Photosensitive Resins for 3D and 4D Applications. <i>ACS Applied Polymer Materials</i> , 2021 , 3, 464-473	4.3	4
65	Cubane Cu ₄ I ₄ (phosphine) ₄ complexes as new co-initiators for free radical photopolymerization: towards aromatic amine-free systems. <i>Polymer Chemistry</i> , 2021 , 12, 2848-2859	4.9	2
64	Phosphorescent multinuclear complexes for optoelectronics: tuning of the excited-state dynamics. <i>Chemical Communications</i> , 2021 , 57, 5857-5870	5.8	2
63	Synthesis and UV-light induced oligomerization of a benzofulvene-based neutral platinum(II) complex. <i>European Polymer Journal</i> , 2021 , 156, 110597	5.2	1
62	Spin-crossover in iron(II)-phenylene ethynylene-2,6-di(pyrazol-1-yl) pyridine hybrids: toward switchable molecular wire-like architectures. <i>Journal of Physics Condensed Matter</i> , 2020 , 32, 204002	1.8	2
61	Phosphorescent Cationic Heterodinuclear Ir /M Complexes (M=Cu , Au) with a Hybrid Janus-Type N-Heterocyclic Carbene Bridge. <i>Chemistry - A European Journal</i> , 2020 , 26, 11751-11766	4.8	1
60	Red-emitting neutral rhenium(i) complexes bearing a pyridyl pyridoannelated N-heterocyclic carbene. <i>Dalton Transactions</i> , 2020 , 49, 3102-3111	4.3	9
59	UV-light-induced polymerization in the amorphous solid-state of a spontaneously non-polymerizing 3-phenylbenzofulvene monomer. <i>European Polymer Journal</i> , 2020 , 137, 109923	5.2	2
58	Phosphorescent Tris-Bidentate Ir(III) Complexes with N-Heterocyclic Carbene Scaffolds: Structural Diversity and Optical Properties. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 3427-3442	2.3	19
57	Gel-based soft actuators driven by light. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 4234-4242	7.3	28
56	The Motion of an Azobenzene Light-Controlled Switch: A Joint Theoretical and Experimental Approach. <i>ChemSystemsChem</i> , 2019 , 1, e1900003	3.1	0
55	Metallopolymers as Nanostructured Solid-State Platforms for Electrochemiluminescence Applications. <i>ChemElectroChem</i> , 2019 , 6, 5790-5796	4.3	4
54	Dual Emission of a Cyclic Hexanuclear Gold(I) Complex. Interplay between Au ₃ and Au ₂ Ligand-Supported Luminophores. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 915-921	3.8	14

53	A pyridyl-benzimidazole based molecular luminescent turnstile. <i>New Journal of Chemistry</i> , 2018 , 42, 7810-7815	3.6	17
52	Hydrogen bonded networks based on hexarhenium(III) chalcocyanide cluster complexes: structural and photophysical characterization. <i>New Journal of Chemistry</i> , 2018 , 42, 11888-11895	3.6	
51	Aggregation-induced Phosphorescence Enhancement in Ir(III) Complexes. <i>Israel Journal of Chemistry</i> , 2018 , 58, 901-914	3.4	17
50	Recent advances in phosphorescent platinum complexes for organic light-emitting diodes. <i>Beilstein Journal of Organic Chemistry</i> , 2018 , 14, 1459-1481	2.5	72
49	Dynamic Metal-Ligand Bonds as Scaffolds for Autonomously Healing Multi-Responsive Materials. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 2090-2100	2.3	25
48	Glyco-functionalized dinuclear rhenium(i) complexes for cell imaging. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 1686-1699	3.9	27
47	Chiral Amplification by Self-Assembly of Neutral Luminescent Platinum(II) Complexes. <i>Chemistry - A European Journal</i> , 2017 , 23, 5957-5961	4.8	16
46	Symmetrical or non-symmetrical luminescent turnstiles based on hydroquinone stators and rotors bearing pyridyl or p-dimethylaminopyridyl coordinating units. <i>Dalton Transactions</i> , 2017 , 46, 14897-14906	4.3	9
45	Light-Induced Contraction/Expansion of 1D Photoswitchable Metallopolymer Monitored at the Solid-Liquid Interface. <i>Small</i> , 2017 , 13, 1701790	11	15
44	Metal-Containing Polymers as Light-Emitting and Light-Responsive Materials and Beyond. <i>Chemistry - A European Journal</i> , 2017 , 23, 17626-17636	4.8	23
43	Control of the light-response in supramolecular metallopolymeric gels by tuning the coordination metal. <i>Chemical Communications</i> , 2017 , 53, 8344-8347	5.8	24
42	Amphiphilic Metallopolymers for Photoswitchable Supramolecular Hydrogels. <i>Chemistry - A European Journal</i> , 2016 , 22, 18718-18721	4.8	22
41	Mechano- and Photochromism from Bulk to Nanoscale: Data Storage on Individual Self-Assembled Ribbons. <i>Advanced Functional Materials</i> , 2016 , 26, 5271-5278	15.6	95
40	Light-Powered Self-Healable Metallosupramolecular Soft Actuators. <i>Angewandte Chemie</i> , 2016 , 128, 1335-1339	3.6	27
39	A Bis(Diphosphanyl N-Heterocyclic Carbene) Gold Complex: A Synthone for Luminescent Rigid AuAg ₂ Arrays and Au ₅ and Cu ₆ Double Arrays. <i>Angewandte Chemie</i> , 2016 , 128, 3399-3402	3.6	10
38	A Bis(Diphosphanyl N-Heterocyclic Carbene) Gold Complex: A Synthone for Luminescent Rigid AuAg ₂ Arrays and Au ₅ and Cu ₆ Double Arrays. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3338-3341	16.4	47
37	Controlling and imaging biomimetic self-assembly. <i>Nature Chemistry</i> , 2016 , 8, 10-5	17.6	363
36	Light-Powered Self-Healable Metallosupramolecular Soft Actuators. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 1313-7	16.4	79

35	Bonding, Luminescence, Metallophilicity in Linear Au ₃ and Au ₂ Ag Chains Stabilized by Rigid Diphosphanyl NHC Ligands. <i>Inorganic Chemistry</i> , 2016 , 55, 8527-42	5.1	40
34	Nanopatterning of Surfaces with Monometallic and Heterobimetallic 1D Coordination Polymers: A Molecular Tectonics Approach at the Solid/Liquid Interface. <i>Journal of the American Chemical Society</i> , 2015 , 137, 8450-9	16.4	29
33	Luminescent supramolecular soft nanostructures from amphiphilic dinuclear Re(I) complexes. <i>Nanoscale</i> , 2015 , 7, 12000-9	7.7	18
32	Luminescence sensing and imaging: general discussion. <i>Faraday Discussions</i> , 2015 , 185, 311-35	3.6	2
31	Self-organization of photo-active nanostructures: general discussion. <i>Faraday Discussions</i> , 2015 , 185, 529-48	3.6	2
30	Recent Advances in Phosphorescent Pt(II) Complexes Featuring Metallophilic Interactions: Properties and Applications. <i>Chemistry Letters</i> , 2015 , 44, 1152-1169	1.7	146
29	Tridentate Complexes of Palladium(II) and Platinum(II) Bearing bis-Aryloxy Triazole Ligands: A Joint Experimental and Theoretical Investigation. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 2368-79	4.5	7
28	Unusual stability of dyads during photochemical hydrogen production. <i>Dalton Transactions</i> , 2015 , 44, 20936-48	4.3	8
27	Neutral N ⁺ C ⁻ N terdentate luminescent Pt(II) complexes: their synthesis, photophysical properties, and bio-imaging applications. <i>Dalton Transactions</i> , 2015 , 44, 8478-87	4.3	40
26	Highly efficient blue and deep-blue emitting zwitterionic iridium(III) complexes: synthesis, photophysics and electroluminescence. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 2569	7.1	40
25	When self-assembly meets biology: luminescent platinum complexes for imaging applications. <i>Chemical Society Reviews</i> , 2014 , 43, 4144-66	58.5	237
24	Photofunctional nanomodulators for bioexcitation. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 13121-5	16.4	57
23	Tridentate Complexes of Group 10 Bearing Bis-Aryloxy N-Heterocyclic Carbene Ligands: Synthesis, Structural, Spectroscopic, and Computational Characterization. <i>Organometallics</i> , 2014 , 33, 4374-4384	3.8	35
22	Bio-imaging with neutral luminescent Pt(II) complexes showing metal-metal interactions. <i>RSC Advances</i> , 2014 , 4, 25709-25718	3.7	52
21	β-Lactam Bioconjugates Bearing Luminescent Platinum(II) Tags: Synthesis and Photophysical Characterization. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 7113-7121	3.2	5
20	Self-assembly of a neutral platinum(II) complex into highly emitting microcrystalline fibers through metallophilic interactions. <i>Chemical Communications</i> , 2014 , 50, 7269-72	5.8	73
19	Photofunctional Nanomodulators for Bioexcitation. <i>Angewandte Chemie</i> , 2014 , 126, 13337-13341	3.6	10
18	Synthesis, structure, and optical properties of Pt(II) and Pd(II) complexes with oxazolyl- and pyridyl-functionalized DPPM-type ligands: a combined experimental and theoretical study. <i>Inorganic Chemistry</i> , 2014 , 53, 12739-56	5.1	4

17	Efficient near-UV emitters based on cationic bis-pincer iridium(III) carbene complexes. <i>Inorganic Chemistry</i> , 2013 , 52, 10756-65	5.1	81
16	Unraveling orbital hybridization of triplet emitters at the metal-organic interface. <i>Physical Review Letters</i> , 2013 , 111, 267401	7.4	15
15	Luminescent neutral platinum complexes bearing an asymmetric N(^) N(^) N ligand for high-performance solution-processed OLEDs. <i>Advanced Materials</i> , 2013 , 25, 437-42	24	83
14	Structure-Photoluminescence Quenching Relationships of Iridium(III)-tris(phenylpyridine) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 1025-1037	2.3	7
13	Deep-Blue-Emitting Heteroleptic Iridium(III) Complexes Suited for Highly Efficient Phosphorescent OLEDs. <i>Chemistry of Materials</i> , 2012 , 24, 3684-3695	9.6	176
12	Luminescent dinuclear rhenium(I) complexes containing bridging 1,2-diazine ligands: Photophysical properties and application. <i>Coordination Chemistry Reviews</i> , 2012 , 256, 1621-1643	23.2	76
11	Phosphorescent organic light-emitting diodes with outstanding external quantum efficiency using dinuclear rhenium complexes as dopants. <i>Advanced Materials</i> , 2012 , 24, 2054-8	24	60
10	Photophysics of soft and hard molecular assemblies based on luminescent complexes. <i>Advances in Inorganic Chemistry</i> , 2011 , 63, 47-103	2.1	19
9	Controlling Aggregation in Highly Emissive Pt(II) Complexes Bearing Tridentate Dianionic N?N?N Ligands. Synthesis, Photophysics, and Electroluminescence. <i>Chemistry of Materials</i> , 2011 , 23, 3659-3667	9.6	83
8	Aggregation induced colour change for phosphorescent iridium(III) complex-based anionic surfactants. <i>Dalton Transactions</i> , 2011 , 40, 12106-16	4.3	53
7	Highly emitting concomitant polymorphic crystals of a dinuclear rhenium complex. <i>Journal of the American Chemical Society</i> , 2010 , 132, 14397-9	16.4	105
6	Complex Iridium(III) Salts: Luminescent Porous Crystalline Materials. <i>Angewandte Chemie</i> , 2010 , 122, 1244-1248	3.6	7
5	Complex iridium(III) salts: luminescent porous crystalline materials. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 1222-6	16.4	73
4	Highly Emitting Neutral Dinuclear Rhenium Complexes as Phosphorescent Dopants for Electroluminescent Devices. <i>Advanced Functional Materials</i> , 2009 , 19, 2607-2614	15.6	84
3	Electroluminescence: (Highly Emitting Neutral Dinuclear Rhenium Complexes as Phosphorescent Dopants for Electroluminescent Devices) Adv. Funct. Mater. 16/2009. <i>Advanced Functional Materials</i> , 2009 , 19, NA-NA	15.6	1
2	A new class of luminescent tricarbonyl rhenium(I) complexes containing bridging 1,2-diazine ligands: electrochemical, photophysical, and computational characterization. <i>Inorganic Chemistry</i> , 2008 , 47, 4243-55	5.1	62
1	Tricarbonyl rhenium(I) complexes containing a bridging 2,5-diphenyl-1,3,4-oxadiazole ligand: structural, spectroscopic, electrochemical, and computational characterization. <i>Inorganic Chemistry</i> , 2008 , 47, 11154-65	5.1	16