

# Matteo Mauro

## List of Publications by Citations

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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	Controlling and imaging biomimetic self-assembly. <i>Nature Chemistry</i> , <b>2016</b> , 8, 10-5	17.6	363
69	When self-assembly meets biology: luminescent platinum complexes for imaging applications. <i>Chemical Society Reviews</i> , <b>2014</b> , 43, 4144-66	58.5	237
68	Deep-Blue-Emitting Heteroleptic Iridium(III) Complexes Suited for Highly Efficient Phosphorescent OLEDs. <i>Chemistry of Materials</i> , <b>2012</b> , 24, 3684-3695	9.6	176
67	Recent Advances in Phosphorescent Pt(II) Complexes Featuring Metallophilic Interactions: Properties and Applications. <i>Chemistry Letters</i> , <b>2015</b> , 44, 1152-1169	1.7	146
66	Highly emitting concomitant polymorphic crystals of a dinuclear rhenium complex. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 14397-9	16.4	105
65	Mechano- and Photochromism from Bulk to Nanoscale: Data Storage on Individual Self-Assembled Ribbons. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 5271-5278	15.6	95
64	Highly Emitting Neutral Dinuclear Rhenium Complexes as Phosphorescent Dopants for Electroluminescent Devices. <i>Advanced Functional Materials</i> , <b>2009</b> , 19, 2607-2614	15.6	84
63	Luminescent neutral platinum complexes bearing an asymmetric N(^) N(^) N ligand for high-performance solution-processed OLEDs. <i>Advanced Materials</i> , <b>2013</b> , 25, 437-42	24	83
62	Controlling Aggregation in Highly Emissive Pt(II) Complexes Bearing Tridentate Dianionic N?N?N Ligands. Synthesis, Photophysics, and Electroluminescence. <i>Chemistry of Materials</i> , <b>2011</b> , 23, 3659-3667	9.6	83
61	Efficient near-UV emitters based on cationic bis-pincer iridium(III) carbene complexes. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 10756-65	5.1	81
60	Light-Powered Self-Healable Metallosupramolecular Soft Actuators. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 1313-7	16.4	79
59	Luminescent dinuclear rhenium(I) complexes containing bridging 1,2-diazine ligands: Photophysical properties and application. <i>Coordination Chemistry Reviews</i> , <b>2012</b> , 256, 1621-1643	23.2	76
58	Self-assembly of a neutral platinum(II) complex into highly emitting microcrystalline fibers through metallophilic interactions. <i>Chemical Communications</i> , <b>2014</b> , 50, 7269-72	5.8	73
57	Complex iridium(III) salts: luminescent porous crystalline materials. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 1222-6	16.4	73
56	Recent advances in phosphorescent platinum complexes for organic light-emitting diodes. <i>Beilstein Journal of Organic Chemistry</i> , <b>2018</b> , 14, 1459-1481	2.5	72
55	A new class of luminescent tricarbonyl rhenium(I) complexes containing bridging 1,2-diazine ligands: electrochemical, photophysical, and computational characterization. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 4243-55	5.1	62
54	Phosphorescent organic light-emitting diodes with outstanding external quantum efficiency using dinuclear rhenium complexes as dopants. <i>Advanced Materials</i> , <b>2012</b> , 24, 2054-8	24	60

53	Photofunctional nanomodulators for bioexcitation. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 13121-5	16.4	57
52	Aggregation induced colour change for phosphorescent iridium(III) complex-based anionic surfactants. <i>Dalton Transactions</i> , <b>2011</b> , 40, 12106-16	4.3	53
51	Bio-imaging with neutral luminescent Pt(II) complexes showing metal-metal interactions. <i>RSC Advances</i> , <b>2014</b> , 4, 25709-25718	3.7	52
50	A Bis(Diphosphanil N-Heterocyclic Carbene) Gold Complex: A Synthon for Luminescent Rigid AuAg <sub>2</sub> Arrays and Au <sub>5</sub> and Cu <sub>6</sub> Double Arrays. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 3338-41	16.4	47
49	Highly efficient blue and deep-blue emitting zwitterionic iridium(III) complexes: synthesis, photophysics and electroluminescence. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 2569	7.1	40
48	Neutral N <sup>C</sup> N terdentate luminescent Pt(II) complexes: their synthesis, photophysical properties, and bio-imaging applications. <i>Dalton Transactions</i> , <b>2015</b> , 44, 8478-87	4.3	40
47	Bonding, Luminescence, Metallophilicity in Linear Au <sub>3</sub> and Au <sub>2</sub> Ag Chains Stabilized by Rigid Diphosphanil NHC Ligands. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 8527-42	5.1	40
46	Tridentate Complexes of Group 10 Bearing Bis-Aryloxy N-Heterocyclic Carbene Ligands: Synthesis, Structural, Spectroscopic, and Computational Characterization. <i>Organometallics</i> , <b>2014</b> , 33, 4374-4384	3.8	35
45	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> , <b>2015</b> , 137, 8450-9	16.4	29
44	Gel-based soft actuators driven by light. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 4234-4242	7.3	28
43	Glyco-functionalized dinuclear rhenium(i) complexes for cell imaging. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 1686-1699	3.9	27
42	Light-Powered Self-Healable Metallosupramolecular Soft Actuators. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 1335-1339	3.6	27
41	Dynamic Metal-Ligand Bonds as Scaffolds for Autonomously Healing Multi-Responsive Materials. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 2090-2100	2.3	25
40	Control of the light-response in supramolecular metallopolymeric gels by tuning the coordination metal. <i>Chemical Communications</i> , <b>2017</b> , 53, 8344-8347	5.8	24
39	Metal-Containing Polymers as Light-Emitting and Light-Responsive Materials and Beyond. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 17626-17636	4.8	23
38	Amphiphilic Metallopolymers for Photoswitchable Supramolecular Hydrogels. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 18718-18721	4.8	22
37	Photophysics of soft and hard molecular assemblies based on luminescent complexes. <i>Advances in Inorganic Chemistry</i> , <b>2011</b> , 63, 47-103	2.1	19
36	Phosphorescent Tris-Bidentate Ir(III) Complexes with N-Heterocyclic Carbene Scaffolds: Structural Diversity and Optical Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2020</b> , 2020, 3427-3442	2.3	19

- 35 Luminescent supramolecular soft nanostructures from amphiphilic dinuclear Re(I) complexes. *Nanoscale*, **2015**, 7, 12000-9 7.7 18
- 34 Aggregation-induced Phosphorescence Enhancement in Ir(III) Complexes. *Israel Journal of Chemistry*, **2018**, 58, 901-914 3.4 17
- 33 Chiral Amplification by Self-Assembly of Neutral Luminescent Platinum(II) Complexes. *Chemistry - A European Journal*, **2017**, 23, 5957-5961 4.8 16
- 32 Tricarbonyl rhenium(I) complexes containing a bridging 2,5-diphenyl-1,3,4-oxadiazole ligand: structural, spectroscopic, electrochemical, and computational characterization. *Inorganic Chemistry*, **2008**, 47, 11154-65 5.1 16
- 31 Unraveling orbital hybridization of triplet emitters at the metal-organic interface. *Physical Review Letters*, **2013**, 111, 267401 7.4 15
- 30 Light-Induced Contraction/Expansion of 1D Photoswitchable Metallopolymer Monitored at the Solid-Liquid Interface. *Small*, **2017**, 13, 1701790 11 15
- 29 Dual Emission of a Cyclic Hexanuclear Gold(I) Complex. Interplay between Au<sub>3</sub> and Au<sub>2</sub> Ligand-Supported Luminophores. *Journal of Physical Chemistry C*, **2019**, 123, 915-921 3.8 14
- 28 A Bis(Diphosphanyl N-Heterocyclic Carbene) Gold Complex: A Synthron for Luminescent Rigid AuAg<sub>2</sub> Arrays and Au<sub>5</sub> and Cu<sub>6</sub> Double Arrays. *Angewandte Chemie*, **2016**, 128, 3399-3402 3.6 10
- 27 Photofunctional Nanomodulators for Bioexcitation. *Angewandte Chemie*, **2014**, 126, 13337-13341 3.6 10
- 26 Symmetrical or non-symmetrical luminescent turnstiles based on hydroquinone stators and rotors bearing pyridyl or p-dimethylaminopyridyl coordinating units. *Dalton Transactions*, **2017**, 46, 14897-14906 4.3 9
- 25 Red-emitting neutral rhenium(I) complexes bearing a pyridyl pyridoannulated N-heterocyclic carbene. *Dalton Transactions*, **2020**, 49, 3102-3111 4.3 9
- 24 Unusual stability of dyads during photochemical hydrogen production. *Dalton Transactions*, **2015**, 44, 20936-48 4.3 8
- 23 Structure-Photoluminescence Quenching Relationships of Iridium(III)tris(phenylpyridine) Complexes. *European Journal of Inorganic Chemistry*, **2012**, 2012, 1025-1037 2.3 7
- 22 Tridentate Complexes of Palladium(II) and Platinum(II) Bearing bis-Aryloxy Triazole Ligands: A Joint Experimental and Theoretical Investigation. *Chemistry - an Asian Journal*, **2015**, 10, 2368-79 4.5 7
- 21 Complex Iridium(III) Salts: Luminescent Porous Crystalline Materials. *Angewandte Chemie*, **2010**, 122, 1244-1248 3.6 7
- 20 A pyridyl-benzimidazole based molecular luminescent turnstile. *New Journal of Chemistry*, **2018**, 42, 7810-7815 3.8 15
- 19 Lactam Bioconjugates Bearing Luminescent Platinum(II) Tags: Synthesis and Photophysical Characterization. *European Journal of Organic Chemistry*, **2014**, 2014, 7113-7121 3.2 5
- 18 Copper(I) complexes with remotely functionalized phosphine ligands: Synthesis, structural variety, photophysics and effect onto the optical properties. *Inorganica Chimica Acta*, **2021**, 514, 119971 2.7 5

17	Metallopolymers as Nanostructured Solid-State Platforms for Electrochemiluminescence Applications. <i>ChemElectroChem</i> , <b>2019</b> , 6, 5790-5796	4.3	4
16	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> , <b>2014</b> , 53, 12739-56	5.1	4
15	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> , <b>2021</b> , 3, 464-473	4.3	4
14	Luminescence sensing and imaging: general discussion. <i>Faraday Discussions</i> , <b>2015</b> , 185, 311-35	3.6	2
13	Self-organization of photo-active nanostructures: general discussion. <i>Faraday Discussions</i> , <b>2015</b> , 185, 529-48	3.6	2
12	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> , <b>2020</b> , 32, 204002	1.8	2
11	UV-light-induced polymerization in the amorphous solid-state of a spontaneously non-polymerizing 3-phenylbenzofulvene monomer. <i>European Polymer Journal</i> , <b>2020</b> , 137, 109923	5.2	2
10	Cubane Cu <sub>4</sub> I <sub>4</sub> (phosphine) <sub>4</sub> complexes as new co-initiators for free radical photopolymerization: towards aromatic amine-free systems. <i>Polymer Chemistry</i> , <b>2021</b> , 12, 2848-2859	4.9	2
9	Phosphorescent multinuclear complexes for optoelectronics: tuning of the excited-state dynamics. <i>Chemical Communications</i> , <b>2021</b> , 57, 5857-5870	5.8	2
8	Phosphorescent Cationic Heterodinuclear Ir /M Complexes (M=Cu , Au ) with a Hybrid Janus-Type N-Heterocyclic Carbene Bridge. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 11751-11766	4.8	1
7	Electroluminescence: (Highly Emitting Neutral Dinuclear Rhenium Complexes as Phosphorescent Dopants for Electroluminescent Devices) Adv. Funct. Mater. 16/2009. <i>Advanced Functional Materials</i> , <b>2009</b> , 19, NA-NA	15.6	1
6	Cationic rhenium(I) complexes bearing a $\pi$ -accepting pyridoannulated N-heterocyclic carbene ligand: Synthesis, photophysical, electrochemical and theoretical investigation. <i>Polyhedron</i> , <b>2021</b> , 197, 115025	2.7	1
5	Synthesis and UV-light induced oligomerization of a benzofulvene-based neutral platinum(II) complex. <i>European Polymer Journal</i> , <b>2021</b> , 156, 110597	5.2	1
4	The Motion of an Azobenzene Light-Controlled Switch: A Joint Theoretical and Experimental Approach. <i>ChemSystemsChem</i> , <b>2019</b> , 1, e1900003	3.1	0
3	Ir(III)Pyridoannulated N-Heterocyclic Carbene Complexes: Potent Theranostic Agents via Mitochondria Targeting. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 1551-1564	2.3	0
2	Spontaneous polymerization of benzofulvene derivatives bearing complexed or un-complexed pyridine rings. <i>European Polymer Journal</i> , <b>2022</b> , 169, 111137	5.2	0
1	Hydrogen bonded networks based on hexarhenium(III) chalcocyanide cluster complexes: structural and photophysical characterization. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 11888-11895	3.6	