

Massimo La Deda

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis and Luminescent Properties of Novel Lanthanide(III) β^2 -Diketone Complexes with Nitrogen, π -Disubstituted Aromatic Ligands. <i>Inorganic Chemistry</i> , 2005, 44, 1818-1825.	1.9	175
2	Azobenzenes and heteroaromatic nitrogen cyclopalladated complexes for advanced applications. <i>Coordination Chemistry Reviews</i> , 2006, 250, 1373-1390.	9.5	172
3	Cationic Cyclometalated Iridium Luminophores: A Photophysical, Redox, and Structural Characterization. <i>Organometallics</i> , 2004, 23, 5856-5863.	1.1	165
4	Electrofluorochromism in π -conjugated ionic liquid crystals. <i>Nature Communications</i> , 2014, 5, 3105.	5.8	143
5	Highly Fluorescent Thienoviologen-Based Polymer Gels for Single Layer Electrofluorochromic Devices. <i>Advanced Functional Materials</i> , 2015, 25, 1240-1247.	7.8	108
6	Synthesis and photophysical characterisation of soluble photoluminescent metal complexes with substituted 8-hydroxyquinolines. <i>Synthetic Metals</i> , 2003, 138, 189-192.	2.1	92
7	Coordination Induction of Nonlinear Molecular Shape in Mesomorphic and Luminescent Zn^{II} Complexes Based on Salen-Like Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4274-4281.	1.0	76
8	Dispersed and Encapsulated Gain Medium in Plasmonic Nanoparticles: a Multipronged Approach to Mitigate Optical Losses. <i>ACS Nano</i> , 2011, 5, 5823-5829.	7.3	66
9	Synthesis and characterization of a homologous series of mononuclear palladium complexes containing different cyclometalated ligands. <i>Inorganica Chimica Acta</i> , 2000, 308, 121-128.	1.2	62
10	Silver Coordination Complexes as Room-Temperature Multifunctional Materials. <i>Chemistry - A European Journal</i> , 2006, 12, 6738-6747.	1.7	59
11	Synthesis and spectroscopic characterization of organometallic chromophores for photoluminescent materials: cyclopalladated complexes. <i>Journal of Luminescence</i> , 2002, 96, 249-259.	1.5	57
12	Spectroscopy and electrochemical properties of a homologous series of acetylacetonato and hexafluoroacetylacetonato cyclopalladated and cycloplatinated complexes. <i>Dalton Transactions</i> , 2008, , 4303.	1.6	57
13	Mixed 2-phenylpyridine and 5-substitued-8-hydroxyquinolines palladium(ii) complexes: new emitters in solutions at room temperature Electronic supplementary information (ESI) available: experimental details. See http://www.rsc.org/suppdata/cc/b3/b304812h/ . <i>Chemical Communications</i> , 2003, , 2198.	2.2	56
14	A red emitting discotic liquid crystal containing the cyclopalladated nile red chromophore. <i>Inorganic Chemistry Communication</i> , 2007, 10, 243-246.	1.8	54
15	Organometallic emitting dyes: Palladium(II) nile red complexes. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 857-861.	0.8	53
16	Fine-tuning the luminescent properties of metal-chelating 8-hydroxyquinolines through amido substituents in 5-position. <i>Inorganica Chimica Acta</i> , 2004, 357, 33-40.	1.2	47
17	Induction of Columnar Mesomorphism in Tetracoordinated Ionic Silver(I) Complexes Based on Chelate 4,4'-Disubstituted 2,2'-Bipyridines. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 2457-2463.	1.0	44
18	Synthesis and photophysical characterisation of luminescent zinc complexes with 5-substitued-8-hydroxyquinolines. <i>Dalton Transactions RSC</i> , 2002, , 3406-3409.	2.3	43

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19	A New Blue Photoluminescent Salen-like Zinc Complex with Excellent Emission Quantum Yield. <i>Chemistry Letters</i> , 2004, 33, 1060-1061.	0.7	43
20	2,2â€²-Biquinolines as test pilots for tuning the colour emission of luminescent mesomorphic silver(i) complexes. <i>Dalton Transactions</i> , 2011, 40, 4614.	1.6	43
21	Synthesis, Mesomorphism, and Spectroscopic Characterization of Bis[4-(n-alkoxy)-5-(p-n-tetradecylphenylazo)]-Substituted (N,Nâ€²-Salicylidenediaminato)nickel(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 1367-1372.	1.0	39
22	High-Performance Electrofluorochromic Switching Devices Using a Novel Arylamine-Fluorene Redox-Active Fluorophore. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 12202-12208.	4.0	38
23	Investigations on the electronic effects of the peripheral 4â€²-group on 5-(4â€²-substituted)phenylazo-8-hydroxyquinoline ligands: zinc and aluminium complexes. <i>Dalton Transactions</i> , 2004, , 2424-2431.	1.6	36
24	Synthesis and solid state characterisation of mononuclear 2-benzoylpyridine N-methyl-N-phenylhydrazone palladium(ii) complexes. <i>Dalton Transactions</i> , 2004, , 1386.	1.6	36
25	Plasmon-mediated cancer phototherapy: the combined effect of thermal and photodynamic processes. <i>Nanoscale</i> , 2017, 9, 19279-19289.	2.8	33
26	8-Hydroxyquinoline Monomer, Water Adducts, and Dimer. Environmental Influences on Structure, Spectroscopic Properties, and Relative Stability of <i>cis</i> and <i>trans</i> Conformers. <i>Journal of Physical Chemistry A</i> , 2007, 111, 13403-13414.	1.1	32
27	Ionic luminescent cyclometalated Ir(III) complexes with polypyridine co-ligands. <i>Inorganica Chimica Acta</i> , 2006, 359, 1666-1672.	1.2	31
28	Gain functionalized coreâ€‘shell nanoparticles: the way to selectively compensate absorptive losses. <i>Journal of Materials Chemistry</i> , 2012, 22, 8846.	6.7	28
29	Liaisons between photoconductivity and molecular frame in organometallic Pd(ii) and Pt(ii) complexes. <i>Journal of Materials Chemistry</i> , 2011, 21, 13434.	6.7	27
30	A â€‘jellyfishâ€‘shaped green emitting gallium(iii)-containing metallomesogen. <i>Chemical Communications</i> , 2008, , 2254.	2.2	26
31	Photo-sensitive liquid crystals for optically controlled diffraction gratings. <i>Journal of Materials Chemistry</i> , 2012, 22, 6669.	6.7	26
32	Organometallic red-emitting chromophores: a computational and experimental study on cyclometalated Nile Red complexes of palladium(ii) and platinum(ii) acetylacetonates and hexafluoroacetylacetonates. <i>Dalton Transactions</i> , 2008, , 6563.	1.6	25
33	Multifunctional material based on ionic transition metal complexes and goldâ€‘silica nanoparticles: Synthesis and photophysical characterization for application in imaging and therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 140, 396-404.	1.7	21
34	Near-IR Electrochromism in Electrodeposited Thin Films of Cyclometalated Complexes. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 12272-12281.	4.0	21
35	Synthesis and aggregation phenomena of multifunctional Schiff bases and Ni(II) complexes: an X-ray investigation. <i>Inorganica Chimica Acta</i> , 2004, 357, 495-504.	1.2	19
36	Blue emitting pentacoordinated Al(iii) complexes based on 2-methylquinolin-8-olate and substituted phenolate ligands. The role of phenolate derivatives on emission and absorption properties. <i>Dalton Transactions</i> , 2006, , 330-339.	1.6	19

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37	Mesophase Tuning in Discotic Dimers π -Conjugated Ionic Liquid Crystals through Supramolecular Interactions and the Thermal History. <i>Crystal Growth and Design</i> , 2016, 16, 5646-5656.	1.4	19
38	Anionic cyclometallated Pt(II) square-planar complexes: new sets of highly luminescent compounds. <i>Dalton Transactions</i> , 2017, 46, 12625-12635.	1.6	19
39	Bisubstituted-biquinoline Cu(I) complexes: synthesis, mesomorphism and photophysical studies in solution and condensed states. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10073-10082.	2.7	19
40	A novel route towards water-soluble luminescent iridium(III) complexes via a hydroxy-bridged dinuclear precursor. <i>Dalton Transactions</i> , 2016, 45, 17264-17273.	1.6	18
41	Rheological and photophysical investigations of chromonic-like supramolecular mesophases formed by luminescent iridium(III) ionic complexes in water. <i>Liquid Crystals</i> , 2017, 44, 880-888.	0.9	18
42	Synthesis and characterization of cyclopalladated ionic complexes. <i>Inorganic Chemistry Communication</i> , 2006, 9, 93-95.	1.8	17
43	Cyclometallated Pt(IV) trans-diiodo adducts: experimental and computational studies within an homologous series of compounds. <i>Dalton Transactions</i> , 2011, 40, 5259.	1.6	17
44	"Green light" for Zn(II) mesogens. <i>RSC Advances</i> , 2012, 2, 9071.	1.7	17
45	Luminescent water-soluble cycloplatinated complexes: Structural, photophysical, electrochemical and chiroptical properties. <i>Inorganica Chimica Acta</i> , 2017, 461, 267-274.	1.2	17
46	Ionic-pair effect on the phosphorescence of ionic iridium(III) complexes. <i>Journal of Organometallic Chemistry</i> , 2014, 772-773, 307-313.	0.8	16
47	Luminescent chiral ionic Ir(III) complexes: Synthesis and photophysical properties. <i>Journal of Luminescence</i> , 2016, 170, 812-819.	1.5	16
48	Anionic cyclometallated Pt(II) and Pt(IV) complexes respectively bearing one or two 1,2-benzenedithiolate ligands. <i>Dalton Transactions</i> , 2018, 47, 11645-11657.	1.6	15
49	Thermoplasmonic Effects in Gain-Assisted Nanoparticle Solutions. <i>Journal of Physical Chemistry C</i> , 2017, 121, 24185-24191.	1.5	14
50	Zinc(II) Complexes of Acylpyrazolones Decorated with a Cyclohexyl Group Display Antiproliferative Activity Against Human Breast Cancer Cells. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1027-1039.	1.0	14
51	Experimental and computational evidence of the intermolecular motifs in the crystal packing of luminescent pentacoordinated gallium(III) complexes. <i>Dalton Transactions</i> , 2006, , 5124.	1.6	13
52	Plasmon mediated super-absorber flexible nanocomposites for metamaterials. <i>Nanoscale</i> , 2013, 5, 6097.	2.8	13
53	A quick one-step synthesis of luminescent gold nanospheres. <i>Soft Matter</i> , 2020, 16, 10865-10868.	1.2	13
54	Cyclopalladated 3,5-Disubstituted 2-(2-Pyridyl)pyrroles Complexed to 8-Hydroxyquinoline or 4-Hydroxyacridine. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2188-2194.	1.0	12

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55	3,5-Disubstituted-2-(2-pyridylpyrroles) Ir(III) complexes: Structural and photophysical characterization. <i>Journal of Organometallic Chemistry</i> , 2015, 786, 55-62.	0.8	12
56	Cytotoxic performances of new anionic cyclometalated Pt(II) complexes bearing chelated O ²⁻ ligands. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5455.	1.7	12
57	Blue-emitting mesoporous films prepared via incorporation of luminescent Schiff base zinc(II) complex. <i>Journal of Sol-Gel Science and Technology</i> , 2008, 47, 283-289.	1.1	11
58	Role of Fluorine Interactions in the Solid State Structure and Photophysical Properties of 3,5-Disubstituted-2-(2-pyridyl)pyrrole Pd(II) Complexes. <i>Crystal Growth and Design</i> , 2012, 12, 2173-2177.	1.4	11
59	Controlling the optical creation of gold nanoparticles in a PVA matrix by direct laser writing. <i>Journal of the European Optical Society-Rapid Publications</i> , 2016, 11, 16008.	0.9	11
60	Very intense polarized emission in self-assembled room temperature metallomesogens based on Zn(II) coordination complexes: an experimental and computational study. <i>Journal of Materials Chemistry C</i> , 2021, 10, 115-125.	2.7	11
61	Charge-Transfer Matrixes as a Tool To Desorb Intact Labile Molecules by Matrix-Assisted Laser Desorption/Ionization. Use of 2,7-Dimethoxynaphthalene in the Ionization of Polymetallic Porphyrins. <i>Analytical Chemistry</i> , 2004, 76, 5985-5989.	3.2	10
62	Electrochemical and solvatochromic study of cyclopalladated complexes. <i>Chemical Physics Letters</i> , 2005, 410, 201-203.	1.2	10
63	Hydrogen-Bonding Network in Metal ^{II} -Pterin Complexes: Synthesis and Characterization of Water-Soluble Octahedral Nickel and Cadmium Pterine Derivatives. <i>Crystal Growth and Design</i> , 2005, 5, 1597-1601.	1.4	10
64	High Order in a Self-Assembled Iridium(III) Complex Gelator Towards Nanostructured IrO ₂ Thin Films. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2703-2710.	1.7	10
65	Luminescent Self-Assembled Monolayer on Gold Nanoparticles: Tuning of Emission According to the Surface Curvature. <i>Chemosensors</i> , 2022, 10, 176.	1.8	10
66	A Mercurated Azobenzene Complex for Photoswitching between trans and cis Forms. <i>Chemistry Letters</i> , 1999, 28, 297-298.	0.7	9
67	Emission solvatochromic behavior of a pentacoordinated Zn(II) complex: A viable tool for studying the metal-drug-protein interaction. <i>Journal of Luminescence</i> , 2014, 151, 138-142.	1.5	9
68	Electropolymerizable Ir(III) Complexes with β -Ketoiminate Ancillary Ligands. <i>Chemistry - an Asian Journal</i> , 2019, 14, 3025-3034.	1.7	9
69	Zinc porphyrin with phenoxy-bridged pentacoordinate bis(8-hydroxyquinoline)gallium lateral pendants: synthesis and photophysical characterization. <i>Inorganic Chemistry Communication</i> , 2004, 7, 1273-1276.	1.8	8
70	Electrochromic behaviour of Ir(III) bis-cyclometalated 1,2-dioxolene tetra-halo complexes: fully reversible catecholate/semiquinone redox switches. <i>Dalton Transactions</i> , 2020, 49, 2628-2635.	1.6	8
71	Thickness control of the silica shell: a way to tune the plasmonic properties of isolated and assembled gold nanorods. <i>Journal of Nanoparticle Research</i> , 2022, 24, .	0.8	8
72	Soft Luminescent Materials Based on Ag(I) Coordination Complexes. <i>Molecular Crystals and Liquid Crystals</i> , 2013, 573, 34-45.	0.4	7

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73	Environmental Control of the Topological Transition in Metal/Photoemissive Blend Metamaterials. <i>Advanced Optical Materials</i> , 2018, 6, 1701380.	3.6	7
74	Playing with Pt ^{II} and Zn ^{II} Coordination to Obtain Luminescent Metallomesogens. <i>Chemistry - A European Journal</i> , 2020, 26, 4850-4860.	1.7	7
75	Iridium(III) Complex-Loaded Perfluoropropane Nanobubbles for Enhanced Sonodynamic Therapy. <i>Bioconjugate Chemistry</i> , 2022, 33, 1057-1068.	1.8	7
76	Cytotoxicity of Alizarine versus Tetrabromocatechol Cyclometalated Pt(II) Theranostic Agents: A Combined Experimental and Computational Investigation. <i>Inorganic Chemistry</i> , 2022, 61, 7188-7200.	1.9	7
77	A new member of the oxygen-photosensitizers family: a water-soluble polymer binding a platinum complex. <i>Dalton Transactions</i> , 2012, 41, 10923.	1.6	6
78	Recent advances in cancer photo-theranostics: the synergistic combination of transition metal complexes and gold nanostructures. <i>SN Applied Sciences</i> , 2021, 3, 1.	1.5	6
79	Synthesis and Characterization of Hyperbranched Nanoparticles with Magnetic and Plasmonic Properties. <i>ChemistrySelect</i> , 2022, 7, .	0.7	6
80	Synthesis and solid state characterization of hexacoordinated 1 : 1 ionic gallium(iii) complexes. <i>Dalton Transactions</i> , 2008, , 1186-1194.	1.6	5
81	Absolute emission quantum yield determination of self-assembled mesoporous titania films grafted with a luminescent zinc complex. <i>Inorganic Chemistry Communication</i> , 2009, 12, 237-239.	1.8	5
82	Europium(III) and Terbium(III) Luminescent Lanthanidomesogens. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 549, 86-99.	0.4	5
83	Heteroleptic Cu(^{II}) saccharin complexes: intriguing coordination modes and properties. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3342-3353.	3.0	5
84	Fluorine Interactions in the 3D Packing of Pt(IV) ₂ Organometallic Molecular Materials: Structural and Computational Approaches. <i>Crystal Growth and Design</i> , 2017, 17, 409-413.	1.4	4
85	A luminescent lyotropic liquid-crystalline gel of a water-soluble Ir(III) complex. <i>Journal of Molecular Liquids</i> , 2021, 334, 116187.	2.3	4
86	Panchromatic Fluorescence Emission from Thienosquaraines Dyes: White Light Electrofluorochromic Devices. <i>Molecules</i> , 2021, 26, 6818.	1.7	4
87	Cyclopalladated hydrazones complexed to pyridinyl ligands. <i>Inorganic Chemistry Communication</i> , 2007, 10, 825-828.	1.8	3
88	Mesoporous materials incorporating a zinc(II) complex: Synthesis and direct luminescence quantum yield determination. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 201, 81-86.	2.0	3
89	Fluorescent Materials: Highly Fluorescent Thienoviologen-Based Polymer Gels for Single Layer Electrofluorochromic Devices (<i>Adv. Funct. Mater.</i> 8/2015). <i>Advanced Functional Materials</i> , 2015, 25, 1239-1239.	7.8	2
90	Photoconductive Properties and Electronic Structure in 3,5-Disubstituted 2-(2-Pyridyl)Pyrroles Coordinated to a Pd(II) Salicylideneimine Synthon. <i>Inorganic Chemistry</i> , 2021, 60, 9287-9301.	1.9	2

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91	Anionic versus neutral Pt(II) complexes: The relevance of the charge for human serum albumin binding. <i>Journal of Inorganic Biochemistry</i> , 2020, 206, 111024.	1.5	1
92	Vibrational and Nuclear Magnetic Resonance Properties of 2,2'-Biquinolines: Experimental and Computational Spectroscopy Study. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 2404-2412.	0.9	1
93	Hybrid Nanoparticles as Theranostics Platforms for Glioblastoma Treatment: Phototherapeutic and X-ray Phase Contrast Tomography Investigations. <i>Journal of Nanotheranostics</i> , 2022, 3, 1-17.	1.7	1
94	A Luminescent, Water-Soluble Ir(III) Complex as a Potential Photosensitizer for Two-Photon Photodynamic Therapy. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11596.	1.3	1