

Iolinda Aiello

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Synthesis and Characterization of Hyperbranched Nanoparticles with Magnetic and Plasmonic Properties. <i>ChemistrySelect</i> , 2022, 7, .	0.7	6
3	Polyalkylated gallic esters and acids, high performant warm mix asphalt and adhesion promoters for bitumen. <i>International Journal of Adhesion and Adhesives</i> , 2022, 118, 103228.	1.4	1
4	Heteroleptic Cu(II) saccharin complexes: intriguing coordination modes and properties. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3342-3353.	3.0	5
5	Spicy Bitumen: Curcumin Effects on the Rheological and Adhesion Properties of Asphalt. <i>Materials</i> , 2021, 14, 1622.	1.3	6
6	Photoconductive Properties and Electronic Structure in 3,5-Disubstituted 2-(2-Pyridyl)Pyrroles Coordinated to a Pd(II) Salicylideneiminato Synthon. <i>Inorganic Chemistry</i> , 2021, 60, 9287-9301.	1.9	2
7	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
8	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
9	Functionalization and Modification of Bitumen by Silica Nanoparticles. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6065.	1.3	10
10	Preparation and Characterization of Silver(I) Ethylcellulose Thin Films as Potential Food Packaging Materials. <i>ChemPlusChem</i> , 2020, 85, 426-440.	1.3	9
11	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
12	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
13	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
14	Electropolymerizable Ir(III) Complexes with β -Ketoiminato Ancillary Ligands. <i>Chemistry - an Asian Journal</i> , 2019, 14, 3025-3034.	1.7	9
15	Adsorption of Nile Red Self-Assembled Monolayers on Au(111). <i>Langmuir</i> , 2019, 35, 14761-14768.	1.6	3
16	Influence of the counterion on the geometry of Cu(I) and Cu(II) complexes with 1,10-phenanthroline. <i>Inorganica Chimica Acta</i> , 2018, 470, 342-351.	1.2	15
17	Anionic cyclometalated 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
18	Investigation of new additives to reduce the fume emission of bitumen during Asphalt Concrete Processing. <i>Mediterranean Journal of Chemistry</i> , 2018, 7, 259-266.	0.3	11

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19	Luminescent water-soluble cycloplatinated complexes: Structural, photophysical, electrochemical and chiroptical properties. <i>Inorganica Chimica Acta</i> , 2017, 461, 267-274.	1.2	17
20	Fluorine Interactions in the 3D Packing of $\text{Pt(IV)}\text{I}_2$ Organometallic Molecular Materials: Structural and Computational Approaches. <i>Crystal Growth and Design</i> , 2017, 17, 409-413.	1.4	4
21	Anionic cyclometallated Pt(II) square-planar complexes: new sets of highly luminescent compounds. <i>Dalton Transactions</i> , 2017, 46, 12625-12635.	1.6	19
22	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
23	Plasmon-mediated cancer phototherapy: the combined effect of thermal and photodynamic processes. <i>Nanoscale</i> , 2017, 9, 19279-19289.	2.8	33
24	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
25	Thin Film Electrodeposition of Ir(III) Cyclometallated Complexes. <i>Journal of Chemistry</i> , 2016, 2016, 1-7.	0.9	2
26	Near-IR Electrochromism in Electrodeposited Thin Films of Cyclometalated Complexes. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 12272-12281.	4.0	21
27	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
28	Luminescent chiral ionic Ir(III) complexes: Synthesis and photophysical properties. <i>Journal of Luminescence</i> , 2016, 170, 812-819.	1.5	16
29	Electropolymerized Highly Photoconductive Thin Films of Cyclopalladated and Cycloplatinated Complexes. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 4019-4028.	4.0	23
30	3,5-Disubstituted-2-(2-pyridyl)pyrroles Ir(III) complexes: Structural and photophysical characterization. <i>Journal of Organometallic Chemistry</i> , 2015, 786, 55-62.	0.8	12
31	Zn(II) and Cu(II) complexes containing bioactive O,O-chelated ligands: homoleptic and heteroleptic metal-based biomolecules. <i>Dalton Transactions</i> , 2015, 44, 9321-9334.	1.6	47
32	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
33	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
34	Neutral and Cationic Cyclopalladated Nile Red Metallomesogens: Synthesis and Characterization In Memory of Dr. Teresa Pugliese. <i>Molecular Crystals and Liquid Crystals</i> , 2012, 558, 84-92.	0.4	6
35	Tuning solid state luminescent properties in a hydrogen bonding-directed supramolecular assembly of bis-cyclometalated iridium(III) ethylenediamine complexes. <i>Dalton Transactions</i> , 2012, 41, 4919.	1.6	29
36	Cyclometalated 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

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37	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
38	Self-incorporation of a luminescent neutral iridium(iii) complex in different mesoporous micelle-templated silicas. <i>New Journal of Chemistry</i> , 2011, 35, 141-148.	1.4	25
39	The 'organic fluorine' in action in the construction of organometallic molecular materials. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2011, 67, C604-C604.	0.3	0
40	Red to Green Switch Driven by Order in an Ionic IrIII Liquid-Crystalline Complex. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3270-3277.	1.0	64
41	Highly luminescent bis-cyclometalated iridium(iii) ethylenediamine complex: synthesis and correlation between the solid state polymorphism and the photophysical properties. <i>Dalton Transactions</i> , 2010, 39, 1709.	1.6	31
42	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
43	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
44	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
45	UV/Vis to NIR Photoconduction in Cyclopalladated Complexes. <i>Chemistry - an Asian Journal</i> , 2009, 4, 1141-1146.	1.7	20
46	Copper(II) and Nickel(II) Complexes of a Tetradentate Ligand Containing an N,N'-Bis(Salicylidene)Dodecane-1, 10-Diamine Core. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 500, 144-154.	0.4	13
47	Aluminum(III), gallium(III), and indium(III) 4-hydroxyacridinato complexes. <i>Journal of Coordination Chemistry</i> , 2009, 62, 3351-3365.	0.8	6
48	Unsuspected mesomorphism in η^5 -cyclopalladated 3,5-disubstituted-2-(2-pyridyl)pyrroles. <i>Chemical Communications</i> , 2009, , 1550.	2.2	33
49	Intermolecular interactions and nano-segregation in the modulation of liquid crystalline properties of molecular materials. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2009, 65, s98-s98.	0.3	0
50	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
51	Tetranuclear zinc complexes of ligands containing the 2-pyridyl oxime chelating site. <i>Inorganica Chimica Acta</i> , 2008, 361, 2677-2682.	1.2	14
52	Synthesis and solid state characterization of hexacoordinated 1 : 1 ionic gallium(iii) complexes. <i>Dalton Transactions</i> , 2008, , 1186-1194.	1.6	5
53	Light-induced reorientation and birefringence in polymeric dispersions of nano-sized crystals. <i>Optics Express</i> , 2008, 16, 6910.	1.7	4
54	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

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55	A "jellyfish"-shaped green emitting gallium(iii)-containing metallomesogen. <i>Chemical Communications</i> , 2008, , 2254.	2.2	26
56	Organometallic red-emitting chromophores: a computational and experimental study on cyclometallated Nile Red complexes of palladium(ii) and platinum(ii) acetylacetonates and hexafluoroacetylacetonates. <i>Dalton Transactions</i> , 2008, , 6563.	1.6	25
57	Thermotropic Mesomorphism in Salen-like Zinc Complexes. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 481, 1-13.	0.4	12
58	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
59	Efficient, Ultrafast, Microwave-Assisted Syntheses of Cycloplatinated Complexes. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 5105-5111.	1.0	89
60	A red emitting discotic liquid crystal containing the cyclopalladated nile red chromophore. <i>Inorganic Chemistry Communication</i> , 2007, 10, 243-246.	1.8	54
61	Cyclopalladated hydrazones complexed to pyridinyl ligands. <i>Inorganic Chemistry Communication</i> , 2007, 10, 825-828.	1.8	3
62	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
63	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
64	Synthesis and characterization of cyclopalladated ionic complexes. <i>Inorganic Chemistry Communication</i> , 2006, 9, 93-95.	1.8	17
65	Azobenzenes and heteroaromatic nitrogen cyclopalladated complexes for advanced applications. <i>Coordination Chemistry Reviews</i> , 2006, 250, 1373-1390.	9.5	172
66	Electrochemical and solvatochromic study of cyclopalladated complexes. <i>Chemical Physics Letters</i> , 2005, 410, 201-203.	1.2	10
67	Organometallic emitting dyes: Palladium(II) nile red complexes. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 857-861.	0.8	53
68	Thermotropic mesomorphism in penta- and hepta-coordinated metal complexes. <i>Liquid Crystals</i> , 2005, 32, 763-769.	0.9	12
69	Advances in photoconductive and photorefractive cyclometalated complexes development. , 2004, 5521, 103.		1
70	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
71	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
72	Investigations on the electronic effects of the peripheral 4-substituted group on 5-(4-substituted)phenylazo-8-hydroxyquinoline ligands: zinc and aluminium complexes. <i>Dalton Transactions</i> , 2004, , 2424-2431.	1.6	36

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73	Synthesis and solid state characterisation of mononuclear 2-benzoylpyridine N-methyl-N-phenylhydrazone palladium(ii) complexes. Dalton Transactions, 2004, , 1386.	1.6	36
74	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. Analytical Chemistry, 2004, 76, 5985-5989.	3.2	10
75	A New Blue Photoluminescent Salen-like Zinc Complex with Excellent Emission Quantum Yield. Chemistry Letters, 2004, 33, 1060-1061.	0.7	43
76	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/ . Chemical Communications, 2003, , 2198.	2.2	56
77	Photorefractive Performance Enhancement in Polymer Dispersions of Nanosized Crystalline Domains. Advanced Materials, 2003, 15, 723-726.	11.1	14
78	NLO active Pd(II)-based organometallic side-chain polymers with C,N or N,O-chelating chromophoric ligands. Polymer, 2003, 44, 7635-7643.	1.8	11
79	Synthesis and photophysical characterisation of soluble photoluminescent metal complexes with substituted 8-hydroxyquinolines. Synthetic Metals, 2003, 138, 189-192.	2.1	92
80	Substitued-8-Hydroxyquinolines Metal Complexes for Application in Organic Light Emitting Devices. , 2003, , 107-119.		4
81	Cyclopalladated Complexes: A New Class of Highly Efficient Single Component Photorefractive Materials. , 2003, , 93-106.		0
82	<title>Advances in organic photorefractive materials development</title>. , 2002, , .		1
83	Synthesis and photophysical characterisation of luminescent zinc complexes with 5-substitued-8-hydroxyquinolines. Dalton Transactions RSC, 2002, , 3406-3409.	2.3	43
84	Cyclopalladated Complexes as Photorefractive Materials with High Refractive Index Modulation. Advanced Materials, 2002, 14, 1233-1236.	11.1	33
85	Synthesis and spectroscopic characterization of organometallic chromophores for photoluminescent materials: cyclopalladated complexes. Journal of Luminescence, 2002, 96, 249-259.	1.5	57
86	Cyclometalated Complexes: A New Class of Highly Efficient Photorefractive Materials. Journal of the American Chemical Society, 2001, 123, 5598-5599.	6.6	48
87	Synthesis and crystal structure of dinuclear cyclopalladated 1,2- and 1,3-bridged squarato complexes. Inorganica Chimica Acta, 2000, 304, 219-223.	1.2	25
88	Synthesis and characterization of a homologous series of mononuclear palladium complexes containing different cyclometalated ligands. Inorganica Chimica Acta, 2000, 308, 121-128.	1.2	62
89	Growth of mesoscopic correlated droplet patterns by high-vacuum sublimation. Physical Review B, 2000, 61, R16339-R16342.	1.1	56
90	Synthesis, Mesomorphism, and Spectroscopic Characterization of Bis[4-(n-alkoxy)-5-(p-n-tetradecylphenylazo)]-Substitued (N,N- ϵ^2 -Salicylidenediaminato)nickel(II) Complexes. European Journal of Inorganic Chemistry, 1999, 1999, 1367-1372.	1.0	39

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91	Dinuclear cyclopalladated azobenzene complexes: a comparative study on model compounds for organometallic liquid-crystalline materials. <i>Applied Organometallic Chemistry</i> , 1999, 13, 565-581.	1.7	76
92	Influence of the metal center on the morphology of coordination compounds thin films. <i>Synthetic Metals</i> , 1999, 101, 140-141.	2.1	10
93	Laser Written Permanent Gratings in a New Liquid Crystalline Organometallic Polymer. <i>Molecular Crystals and Liquid Crystals</i> , 1998, 320, 165-171.	0.3	6
94	Synthesis and Mesogenic Properties of Rodlike Bis(alkylphenylazo)-Substituted N,N'-Salicylidenediaminato Nickel(II), Copper(II), and Oxovanadium(IV) Complexes. <i>Chemistry of Materials</i> , 1997, 9, 2107-2112.	3.2	42
95	Title is missing!. <i>Acta Polymerica</i> , 1997, 48, 400-403.	1.4	11
96	Monomeric and polymeric oxovanadium(IV) complexes containing 5-(4-alkyl-phenylazo)-8-hydroxy-quinoline ligands. <i>Inorganica Chimica Acta</i> , 1997, 255, 133-137.	1.2	19
97	Mesoporous Hybrid Titania And Silica Films Prepared Via Post-Synthesis Grafting Of A Luminescent Zinc Complex. , 0, , 1-6.		0
98	New Zinc-Based Active Chitosan Films: Physicochemical Characterization, Antioxidant, and Antimicrobial Properties. <i>Frontiers in Chemistry</i> , 0, 10, .	1.8	6