

Laura Rodriguez

List of Publications by Year in descending order

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88
papers

2,189
citations

172457

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docs citations

90
times ranked

2503
citing authors

#	ARTICLE	IF	CITATIONS
1	How to achieve near unity fluorescence quantum yields on gold(I) benzothiadiazole-based derivatives. <i>Dyes and Pigments</i> , 2022, 202, 110308.	3.7	9
2	Highly emissive supramolecular gold(I)-BTB materials. <i>Dalton Transactions</i> , 2022, 51, 8340-8349.	3.3	6
3	Aggregation-Induced Emission with Alkynylcoumarin Dinuclear Gold(I) Complexes: Photophysical, Dynamic Light Scattering, and Time-Dependent Density Functional Theory Studies. <i>Inorganic Chemistry</i> , 2022, 61, 6964-6976.	4.0	8
4	Aggregation of gold(I) complexes: phosphorescence vs. singlet oxygen production. <i>Dalton Transactions</i> , 2022, 51, 8795-8803.	3.3	5
5	Effect of Gold(I) on the Room-Temperature Phosphorescence of Ethynylphenanthrene. <i>Chemistry - A European Journal</i> , 2021, 27, 1810-1820.	3.3	14
6	Gold(I)-doped films: new routes for efficient room temperature phosphorescent materials. <i>Dalton Transactions</i> , 2021, 50, 3806-3815.	3.3	13
7	Base-assisted synthesis of 4-pyridinate gold(I) metallaligands: a study of their use in self-assembly reactions. <i>Dalton Transactions</i> , 2021, 50, 8154-8166.	3.3	1
8	Using Room Temperature Phosphorescence of Gold(I) Complexes for PAHs Sensing. <i>Molecules</i> , 2021, 26, 2444.	3.8	7
9	Comprehensive Investigation of the Photophysical Properties of Alkynylcoumarin Gold(I) Complexes. <i>Journal of Physical Chemistry B</i> , 2021, 125, 11751-11760.	2.6	6
10	Aggregation versus Biological Activity in Gold(I) Complexes. An Unexplored Concept. <i>Inorganic Chemistry</i> , 2021, 60, 18753-18763.	4.0	7
11	Influence of the Attachment of a Gold(I) Phosphine Moiety at the Upper Rim of a Calix[4]pyrrole on the Binding of Tetraalkylammonium Chloride Salts. <i>Chemistry - A European Journal</i> , 2020, 26, 3348-3357.	3.3	7
12	Luminescent Pt(II) and Pt(IV) Platinacycles with Anticancer Activity Against Multiplatinum-Resistant Metastatic CRC and CRPC Cell Models. <i>Chemistry - A European Journal</i> , 2020, 26, 1947-1952.	3.3	8
13	Aggregation induced emission of a new naphthyridine-ethynyl-gold(I) complex as a potential tool for sensing guanosine nucleotides in aqueous media. <i>Dalton Transactions</i> , 2020, 49, 171-178.	3.3	9
14	Tripodal gold(I) polypyridyl complexes and their Cu ⁺ and Zn ²⁺ heterometallic derivatives. Effects on luminescence. <i>Dalton Transactions</i> , 2020, 49, 14613-14625.	3.3	5
15	Room-Temperature Phosphorescence and Efficient Singlet Oxygen Production by Cyclometalated Pt(II) Complexes with Aromatic Alkynyl Ligands. <i>Inorganic Chemistry</i> , 2020, 59, 8220-8230.	4.0	22
16	Luminescent Tetranuclear Gold(I) Dibenzo[g,p]chrysene Derivatives: Effect of the Environment on Photophysical Properties. <i>Molecules</i> , 2020, 25, 949.	3.8	3
17	Facile morphology control of gold(0) structures from aurophilic assemblies. <i>Dalton Transactions</i> , 2020, 49, 4200-4205.	3.3	0
18	Luminescent phosphine gold(I) alkynyl complexes. Highlights from 2010 to 2018. <i>Coordination Chemistry Reviews</i> , 2020, 408, 213179.	18.8	45

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19	Supramolecular assemblies and photophysical properties of ionic homo- and heteronuclear metallophilic complexes. <i>Journal of Organometallic Chemistry</i> , 2019, 897, 170-177.	1.8	6
20	Highlights on Gold TADF Complexes. <i>Inorganics</i> , 2019, 7, 124.	2.7	16
21	Luminescence studies of new [C,N,Nâ€²] cyclometallated platinum(ii) and platinum(iv) compounds. <i>New Journal of Chemistry</i> , 2019, 43, 1247-1256.	2.8	8
22	Supramolecular tripodal Au(<sc>i</sc>) assemblies in water. Interactions with a pyrene fluorescent probe. <i>New Journal of Chemistry</i> , 2019, 43, 8279-8289.	2.8	12
23	Preparation and Antitumoral Activity of Au-Based Inorganic-Organometallic Nanocomposites. <i>Frontiers in Chemistry</i> , 2019, 7, 60.	3.6	4
24	Reversible Self-Assembly of Water-Soluble Gold(I) Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 1017-1028.	4.0	29
25	Deactivation Routes in Gold(I) Polypyridyl Complexes: Internal Conversion Vs Fast Intersystem Crossing. <i>Inorganic Chemistry</i> , 2018, 57, 13423-13430.	4.0	17
26	Luminescent Supramolecular Heterometallic Macrocycles and their Encapsulation on Cholate Gels. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4550-4555.	2.0	2
27	The Important Role of the Nuclearity, Rigidity, and Solubility of Phosphane Ligands in the Biological Activity of Gold(I) Complexes. <i>Chemistry - A European Journal</i> , 2018, 24, 14571-14571.	3.3	1
28	The Important Role of the Nuclearity, Rigidity, and Solubility of Phosphane Ligands in the Biological Activity of Gold(I) Complexes. <i>Chemistry - A European Journal</i> , 2018, 24, 14654-14667.	3.3	31
29	Modulation of supramolecular gold(I) aggregates by anionâ€™s interaction. <i>Supramolecular Chemistry</i> , 2018, 30, 278-285.	1.2	3
30	Gold(I)â€™Complexâ€™Titania Hybrid Photocatalyst for Hydrogen Production. <i>ChemCatChem</i> , 2017, 9, 3289-3292.	3.7	20
31	Rhodium(I) macrocyclic and cage-like structures containing diphosphine bridging ligands. <i>Transition Metal Chemistry</i> , 2017, 42, 57-67.	1.4	0
32	Polarized Supramolecular Aggregates Based on Luminescent Perhalogenated Gold Derivatives. <i>Inorganic Chemistry</i> , 2017, 56, 11946-11955.	4.0	12
33	Polypyridyl-functionalized alkynyl gold(<sc>i</sc>) metallaligands supported by tri- and tetradentate phosphanes. <i>Dalton Transactions</i> , 2017, 46, 13920-13934.	3.3	14
34	Aggregation induced emission of gold(<sc>i</sc>) complexes in water or water mixtures. <i>Dalton Transactions</i> , 2017, 46, 11125-11139.	3.3	63
35	Novel uranyl(VI) complexes incorporating ethynyl groups as potential halide chemosensors: an experimental and computational approach. <i>Supramolecular Chemistry</i> , 2017, 29, 922-927.	1.2	3
36	The surveys to the companies: A tool for the improvement of degrees. <i>Journal of Technology and Science Education</i> , 2017, 7, 80.	1.2	0

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37	Colorimetric and fluorescence "turn-on" recognition of fluoride by a maleonitrile-based uranyl salen-complex. <i>Dyes and Pigments</i> , 2016, 135, 94-101.	3.7	20
38	Exploiting Metallophilicity for the Assembly of Inorganic Nanocrystals and Conjugated Organic Molecules. <i>ChemPhysChem</i> , 2016, 17, 2190-2196.	2.1	7
39	Tuning supramolecular aurophilic structures: the effect of counterion, positive charge and solvent. <i>Dalton Transactions</i> , 2016, 45, 7328-7339.	3.3	29
40	Effect of solvent polarity on the spectroscopic properties of an alkynyl gold(i) gelator. The particular case of water. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 635-643.	2.9	13
41	Ternary assemblies comprising metal-salophen complexes and 4,4'-bipyridine. <i>New Journal of Chemistry</i> , 2016, 40, 5714-5721.	2.8	6
42	Study of the effect of the chromophore and nuclearity on the aggregation and potential biological activity of gold(I) alkynyl complexes. <i>Inorganica Chimica Acta</i> , 2016, 446, 189-197.	2.4	27
43	Alkynyl gold(I) phosphane complexes: Evaluation of structure-activity-relationships for the phosphane ligands, effects on key signaling proteins and preliminary in-vivo studies with a nanoformulated complex. <i>Journal of Inorganic Biochemistry</i> , 2016, 160, 140-148.	3.5	53
44	Au(<i>i</i>) N-heterocyclic carbenes from bis-imidazolium amphiphiles: synthesis, cytotoxicity and incorporation onto gold nanoparticles. <i>RSC Advances</i> , 2016, 6, 2202-2209.	3.6	14
45	Supramolecular Gold Metallogelators: The Key Role of Metallophilic Interactions. <i>Inorganics</i> , 2015, 3, 1-18.	2.7	50
46	Thermodynamic Aspects of Aurophilic Hydrogelators. <i>Inorganic Chemistry</i> , 2015, 54, 5195-5203.	4.0	23
47	Anion selectivity of Zn-salophen receptors: Influence of ligand substituents. <i>Inorganica Chimica Acta</i> , 2015, 434, 1-6.	2.4	12
48	Copper(<i>ii</i>) complexes of macrocyclic and open-chain pseudopeptidic ligands: synthesis, characterization and interaction with dicarboxylates. <i>Dalton Transactions</i> , 2015, 44, 12700-12710.	3.3	38
49	A coumarin based gold(<i>i</i>)-alkynyl complex: a new class of supramolecular hydrogelators. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2026-2033.	2.8	42
50	Synthesis and Biological Activity of Gold(I) N-Heterocyclic Carbene Complexes with Long Aliphatic Side Chains. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 6117-6125.	2.0	29
51	Luminescent alkynyl-gold(<i>i</i>) coumarin derivatives and their biological activity. <i>Dalton Transactions</i> , 2014, 43, 4426-4436.	3.3	60
52	Kinetic-Mechanistic Insights on the Assembling Dynamics of Allyl-Cornered Metallacycles: The Pt-N Bond is the Keystone. <i>Chemistry - A European Journal</i> , 2014, 20, 14473-14487.	3.3	16
53	Molecular recognition of aliphatic amines by luminescent Zn-porphyrins. <i>Inorganica Chimica Acta</i> , 2014, 417, 222-229.	2.4	6
54	Cyclopalladated benzophenone imines: Synthesis, cytotoxicity against human breast adenocarcinoma cell lines and DNA interaction. <i>Journal of Organometallic Chemistry</i> , 2013, 724, 289-296.	1.8	32

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55	From Au(I) organometallic hydrogels to well-defined Au(0) nanoparticles. <i>Journal of Materials Chemistry C</i> , 2013, 1, 5538.	5.5	37
56	Substituent Effects on the Biological Properties of Zn-Salophen Complexes. <i>Inorganic Chemistry</i> , 2013, 52, 9245-9253.	4.0	50
57	Phosphine-bridged dinuclear gold(I) alkynyl complexes: Thioredoxin reductase inhibition and cytotoxicity. <i>Inorganica Chimica Acta</i> , 2013, 398, 72-76.	2.4	43
58	Luminescent zinc salophen derivatives: cytotoxicity assessment and action mechanism studies. <i>New Journal of Chemistry</i> , 2013, 37, 1046.	2.8	31
59	A luminescent hydrogel based on a new Au(I) complex. <i>Chemical Communications</i> , 2013, 49, 72-74.	4.1	73
60	Hemilabile and luminescent palladium(II) azo-2-phenylindole complexes. <i>Journal of Organometallic Chemistry</i> , 2013, 726, 21-31.	1.8	6
61	Computational Analysis of the Nature and Strength of the Supramolecular Contacts Involved in the Binding of Chloride Anions by Imidazolium-Based Cyclic Receptors. <i>Journal of Physical Chemistry A</i> , 2012, 116, 9110-9115.	2.5	6
62	Multiply biphenyl substituted zinc(II) porphyrin and phthalocyanine as components for molecular materials. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 1293-1302.	0.8	11
63	Correlation between Photophysical Parameters and Gold-Gold Distances in Gold(I) (4-Pyridyl)ethynyl Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 7636-7641.	4.0	69
64	Crystal Structure, Fluorescence, and Nanostructuring Studies of the First Zn(II) Anthracene-Based Curcuminoid. <i>Inorganic Chemistry</i> , 2012, 51, 864-873.	4.0	29
65	Dy(III) and Yb(III) Curcuminoid Compounds: Original Fluorescent Single-Ion Magnet and Magnetic Near-IR Luminescent Species. <i>Chemistry - A European Journal</i> , 2012, 18, 11545-11549.	3.3	64
66	Self-Assembly of Heterometallic Metallomacrocycles via Ditopic Fluoroaryl Gold(I) Organometallic Metalloligands. <i>Organometallics</i> , 2012, 31, 1533-1545.	2.3	30
67	Solvatochromic studies of a novel Cd(II) anthracene-based curcuminoid and related complexes. <i>Inorganica Chimica Acta</i> , 2012, 380, 187-193.	2.4	11
68	3D Au-Ag heterometallic supramolecular cage: Triplet capture by heavy atom effect. <i>Inorganica Chimica Acta</i> , 2012, 381, 195-202.	2.4	16
69	Photophysical Study of Naphthalenophanes: Evidence of Adduct Formation with Molecular Oxygen. <i>Journal of Physical Chemistry A</i> , 2011, 115, 123-127.	2.5	3
70	Applications of gold(I) alkynyl systems: a growing field to explore. <i>Chemical Society Reviews</i> , 2011, 40, 5442.	38.1	222
71	Phosphine-Gold(I) Compounds as Anticancer Agents: General Description and Mechanisms of Action. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2011, 11, 921-928.	1.7	84
72	Antisymbiotic Self-Assembly and Dynamic Behavior of Metallamacrocycles with Allylic Corners. <i>Chemistry - A European Journal</i> , 2010, 16, 13960-13964.	3.3	19

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73	New Insights into the Factors That Govern the Square/Triangle Equilibria of Pd(II) and Pt(II) Supramolecules. Unexpected Participation of a Mononuclear Species in the Equilibrium. <i>Inorganic Chemistry</i> , 2010, 49, 9438-9449.	4.0	50
74	A new tripodal poly-imine indole-containing ligand: Synthesis, complexation, spectroscopic and theoretical studies. <i>Inorganica Chimica Acta</i> , 2009, 362, 2627-2635.	2.4	25
75	New rhodium(I) supramolecular structures containing pyridyl and bipyridyl ligands. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3951-3957.	1.8	6
76	Solvent effects on the absorption and emission of [Re(R2bpy)(CO)3X] complexes and their sensitivity to CO2 in solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 204, 174-182.	3.9	32
77	Synthesis, characterization and spectroscopic studies of two new schiff-base bithienyl pendant-armed 15-crown-5 molecular probes. <i>Inorganic Chemistry Communication</i> , 2009, 12, 79-85.	3.9	27
78	Effect of Water/Carboxymethylcellulose Gel on the Excimer Formation of Polyamine Ligands Functionalized with Naphthalene. <i>Journal of Physical Chemistry B</i> , 2009, 113, 15455-15459.	2.6	3
79	Specific Supramolecular Interactions between Zn ²⁺ -Salophen Complexes and Biologically Relevant Anions. <i>Inorganic Chemistry</i> , 2009, 48, 6229-6235.	4.0	85
80	Study of the Effect of the Phosphane Bridging Chain Nature on the Structural and Photophysical Properties of a Series of Gold(I) Ethynylpyridine Complexes. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 2899-2909.	2.0	64
81	Neutral Gold(I) Metallo-supramolecular Compounds: Synthesis and Characterization, Photophysical Properties, and Density Functional Theory Studies. <i>Inorganic Chemistry</i> , 2008, 47, 4952-4962.	4.0	27
82	Anion Detection by Fluorescent Zn(II) Complexes of Functionalized Polyamine Ligands. <i>Inorganic Chemistry</i> , 2008, 47, 6173-6183.	4.0	43
83	Alternative pH-Shift Ion-Exchange Chromatography: Quantitative Spectroscopic Monitoring of the Progress of a Reaction. <i>Journal of Chemical Education</i> , 2008, 85, 426.	2.3	0
84	Metallo-dendrimers containing both ruthenium (internal layer) and rhenium (external layer). <i>New Journal of Chemistry</i> , 2006, 30, 1004-1008.	2.8	14
85	Effect of the organic fragment on the mesogenic properties of a series of organogold(I) isocyanide complexes. X-ray crystal structure of [Au(CCC5H4N)(CNC6H4O(O)CC6H4OC10H21)]. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 2200-2208.	1.8	36
86	Unexpected Alkyne Transfer between Gold and Rhenium Atoms and Its Application to the Synthesis of Alkynyl Rhenium(I) Compounds. <i>Organometallics</i> , 2004, 23, 5096-5099.	2.3	37
87	Supramolecular interactions of hexacyanocobaltate(III) with polyamine receptors containing a terminal anthracene sensor. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2003, 159, 253-258.	3.9	24
88	Electrophilic Additions of Metal Fragments Containing 11- and 12-Group Elements to the Anion Carbide Cluster [Fe5MoC(CO)17]2-. X-ray Crystal Structures of (NEt4)[Fe5MoAuC(CO)17(PMe3)] and [Fe5MoAu2C(CO)17(dppm)]. <i>Organometallics</i> , 2001, 20, 1575-1579.	2.3	19