

Pablo González-Herrero

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Five-Coordinate 16-Electron Carbene- and Vinylideneruthenium(II) Complexes Prepared from [RuCl ₂ (C ₈ H ₁₂)] _n or from the New Dihydridoruthenium(IV) Compound [RuH ₂ Cl ₂ (PiPr ₃) ₂]. <i>Organometallics</i> , 1996, 15, 1960-1962.	2.3	111
2	Homoleptic tris-cyclometalated platinum(IV) complexes: a new class of long-lived, highly efficient ³ LC emitters. <i>Chemical Science</i> , 2014, 5, 1875-1880.	7.4	53
3	The Sensitive Balance between Five-Coordinate Carbene and Six-Coordinate Carbyne Ruthenium Complexes Formed from Ruthenium Vinylidene Precursors. <i>Organometallics</i> , 2001, 20, 3672-3685.	2.3	46
4	Complexes with S-donor ligands. Part 2. Synthesis of anionic bis(thiolato)gold(I) complexes. Crystal structure of [N(PPh ₃) ₂][Au(SR) ₂] (R = benzoxazol-2-yl). <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 3183-3187.	1.1	45
5	Aromatic C-H Activation in the Triplet Excited State of Cyclometalated Platinum(II) Complexes Using Visible Light. <i>Journal of the American Chemical Society</i> , 2016, 138, 5276-5282.	13.7	42
6	Developing strongly luminescent platinum(IV) complexes: facile synthesis of bis-cyclometalated neutral emitters. <i>Chemical Communications</i> , 2016, 52, 1657-1660.	4.1	41
7	Sequential Insertion of Alkynes and CO or Isocyanides into the Pd-C Bond of Cyclopalladated Phenylacetamides. Synthesis of Eight-Membered Palladacycles, Benzo[1,4]azocine-2,4(1H,3H)-diones, and Highly Functionalized Acrylonitrile and Acrylamide Derivatives. <i>Organometallics</i> , 2012, 31, 3361-3372.	2.3	37
8	Influence of Ancillary Ligands and Isomerism on the Luminescence of Bis-cyclometalated Platinum(IV) Complexes. <i>Inorganic Chemistry</i> , 2016, 55, 7647-7660.	4.0	36
9	A Postulated Carrier of Gold in Hydrothermal Ore Solutions: Synthesis and Crystal Structure of [(Ph ₃ P) ₂ N][Au(SH) ₂], the First Homoleptic Hydrogensulfido Complex. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 1852-1853.	4.4	35
10	Complexes with S-Donor Ligands. 5. Syntheses of the First (Hydrosulfido)- and Anionic Sulfidoorganogold(I) Complexes. Crystal and Molecular Structure of (Et ₄ N) ₂ [{Au(C ₆ F ₅) ₃ (μ ₄ -S)]·0.5MeC(O)Et. <i>Organometallics</i> , 1997, 16, 3381-3387.	2.3	34
11	The First Example of an Equilibrium between a Carbene and an Isomeric Carbyne Transition Metal Complex. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 3266-3269.	13.8	33
12	Synthesis and Photophysical Properties of Cyclometalated Platinum(II) 1,2-Benzenedithiolate Complexes and Heterometallic Derivatives Obtained from the Addition of [Au(PCy ₃)] ⁺ Units. <i>Inorganic Chemistry</i> , 2012, 51, 5037-5049.	4.0	33
13	Exploring Excited-State Tunability in Luminescent Tris-cyclometalated Platinum(IV) Complexes: Synthesis of Heteroleptic Derivatives and Computational Calculations. <i>Chemistry - A European Journal</i> , 2014, 20, 17346-17359.	3.3	31
14	Synthesis and Reactivity of Ortho-Palladated Phenylacetamides. Intramolecular C-N vs C-O Reductive Coupling after CO or XyNC Insertion into the Pd-C Bond. Synthesis of Isoquinoline- and Isocoumarin-Based Heterocycles. <i>Organometallics</i> , 2011, 30, 1079-1093.	2.3	30
15	Synthesis and Reactivity of Ortho-Palladated 3-Phenylpropanamides. Insertion of CO, XyNC, and Alkynes into the Pd-C Bond. Synthesis of Seven- and Nine-Membered Palladacycles and Benzazepine- and Benzazone-Based Heterocycles. <i>Organometallics</i> , 2013, 32, 1892-1904.	2.3	30
16	Synthesis of the first trithiocarbonatogold complex: [N(PPh ₃) ₂] ₂ [Au ₂ (μ ₂ -η ² -CS ₃) ₂]. First crystal structure of a μ ₂ -η ² -bridging trithiocarbonato complex. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, .	2.0	29
17	Complexes with S-Donor Ligands. 6. Synthesis of the First Family of (Trithiocarbonato)gold Complexes. Crystal Structure of [(PPh ₃) ₂ N][AuCl ₂ (CS ₃)]. <i>Inorganic Chemistry</i> , 1997, 36, 5735-5739.	4.0	29
18	(Fluoren-9-ylidene)methanedithiolato Complexes of Gold: Synthesis, Luminescence, and Charge-Transfer Adducts. <i>Inorganic Chemistry</i> , 2004, 43, 7516-7531.	4.0	29

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19	Synthesis, Structure, and Luminescence of Di- and Trinuclear Palladium/Gold and Platinum/Gold Complexes with (2,7-Di- <i>tert</i> -butylfluoren-9-ylidene)methanedithiolate. <i>Inorganic Chemistry</i> , 2007, 46, 4718-4732.	4.0	29
20	Novel Types of Tetra-, Hexa-, Octa-, and Dodecanuclear Silver Clusters Containing (2,7-Di- <i>tert</i> -butylfluoren-9-ylidene)methanedithiolate. <i>Inorganic Chemistry</i> , 2009, 48, 2060-2071.	4.0	29
21	Vinylidene, Vinyl, and Carbene Ruthenium Complexes with Chelating Diphosphanes as Ligands. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 1957-1961.	2.0	26
22	Luminescent Platinum(IV) Complexes Bearing Cyclometalated 1,2,3-Triazolylidene and <i>tert</i> -Terdentate 2,6-Diarylpyridine Ligands. <i>Chemistry - A European Journal</i> , 2019, 25, 6014-6025.	3.3	24
23	Recent advances in the chemistry of gold(I) complexes with C-, N- and S-donor ligands part I: alkynyl, amino, imino and nitrido derivatives. <i>Gold Bulletin</i> , 1998, 31, 83-87.	2.7	23
24	Complexes with S-Donor Ligands. 7. New 1,1-Ethylenedithiolato Complexes of Thallium(I), Gold(I), and Gold(III): Syntheses, Structure, and Molecular Cubic Hyperpolarizabilities. <i>Inorganic Chemistry</i> , 1999, 38, 5018-5026.	4.0	22
25	Spotlight on the ligand: luminescent cyclometalated Pt(IV) complexes containing a fluorenyl moiety. <i>Dalton Transactions</i> , 2016, 45, 10599-10608.	3.3	22
26	Reactivity of Ortho-Palladated Benzamides toward CO, Isocyanides, and Alkynes. Synthesis of Functionalized Isoindolin-1-ones and 4,5-Disubstituted Benzo[<i>c</i>]azepine-1,3-diones. <i>Organometallics</i> , 2013, 32, 4664-4676.	2.3	21
27	Copper Complexes with (2,7-Di- <i>tert</i> -butylfluoren-9-ylidene)methanedithiolate: Oxidatively Promoted Dithioate Condensation. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 115-126.	2.0	20
28	Strongly Luminescent Pt(IV) Complexes with a Mesoionic <i>N</i> -Heterocyclic Carbene Ligand: Tuning Their Photophysical Properties. <i>Inorganic Chemistry</i> , 2021, 60, 7900-7913.	4.0	20
29	(Fluoren-9-ylidene)methanedithiolato Complexes of Platinum: Synthesis, Reactivity, and Luminescence. <i>Inorganic Chemistry</i> , 2005, 44, 7200-7213.	4.0	19
30	Recent advances in the chemistry of gold(I) complexes with C-, N- and S-donor ligands Part II: Sulfur ylide, hydrosulfido, sulfido, trithiocarbonato, dithiocarbimato and 1,1-ethylenedithiolato derivatives. <i>Gold Bulletin</i> , 1998, 31, 126-130.	2.7	17
31	Selective synthesis, reactivity and luminescence of unsymmetrical bis-cyclometalated Pt(IV) complexes. <i>Dalton Transactions</i> , 2019, 48, 14367-14382.	3.3	16
32	CS ₂ insertion into a gold-carbon bond. First syntheses and characterization of 2,2-diacetylene-1,1-dithiolato complexes. Crystal structure of [N(PPH ₃) ₂][Au{ η -2-S ₂ Ci \uparrow C(COMe) ₂ } ₂]. <i>Chemical Communications</i> , 1997, , 2047-2048.	4.1	15
33	Stereoselective Formation of Facial Tris-Cyclometalated Pt(IV) Complexes: Dual Phosphorescence from Heteroleptic Derivatives. <i>Chemistry - A European Journal</i> , 2020, 26, 11307-11315.	3.3	12
34	Dinuclear Copper(I) and Copper(I)/Silver(I) Complexes with Condensed Dithiolato Ligands. <i>Inorganic Chemistry</i> , 2008, 47, 10662-10673.	4.0	11
35	9H-Fluorene-9-carbodithioic acids and dithioates. First isolation and characterization of a gem-enedithiol. <i>Tetrahedron Letters</i> , 2004, 45, 8859-8861.	1.4	10
36	Hydrogenation of an iridium-coordinated imidazol-2-ylidene ligand fragment. <i>Chemical Communications</i> , 2018, 54, 3843-3846.	4.1	10

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37	Visible light driven generation and alkyne insertion reactions of stable bis-cyclometalated Pt(IV) hydrides. <i>Chemical Science</i> , 2020, 11, 12095-12102.	7.4	9
38	Luminescent halido(aryl) Pt(IV) complexes obtained via oxidative addition of iodobenzene or diaryliodonium salts to bis-cyclometalated Pt(II) precursors. <i>Dalton Transactions</i> , 2021, 50, 13294-13305.	3.3	9
39	Metalated Ir(III) Complexes Containing Imidazolinylidene and Imidazolidinylidene Donors: Synthesis, Structure, Luminescence, and Metal-Ligand Cooperative Reactivity. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 3944-3953.	2.0	6
40	Phosphorescent biaryl platinum(IV) complexes obtained through double metalation of dibenziodolium ions. <i>Chemical Communications</i> , 2022, 58, 4532-4535.	4.1	6