

# Sergio Sanchez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4737779/publications.pdf>

Version: 2024-02-01

32  
papers

722  
citations

394286

19  
h-index

526166

27  
g-index

33  
all docs

33  
docs citations

33  
times ranked

983  
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile Metalation of Hbzq by [ <i>cis</i> -Pt(C <sub>6</sub> F <sub>5</sub> ) <sub>2</sub> (thf) <sub>2</sub> ]: A Route to a Pentafluorophenyl Benzoquinolate Solvate Complex That Easily Coordinates Terminal Alkynes. Spectroscopic and Optical Properties. <i>Inorganic Chemistry</i> , 2012, 51, 11665-11679.	1.9	60
2	Helquat Dyes: Helicene-like Push-Pull Systems with Large Second-Order Nonlinear Optical Responses. <i>Journal of Organic Chemistry</i> , 2016, 81, 1912-1920.	1.7	60
3	Luminescent Cycloplatinated Complexes Containing Poly(pyrazolyl)-borate and -methane Ligands. <i>Organometallics</i> , 2011, 30, 5776-5792.	1.1	47
4	Photophysical Responses in Pt <sub>2</sub> Pb Clusters Driven by Solvent Interactions and Structural Changes in the Pb <sup>II</sup> Environment. <i>Inorganic Chemistry</i> , 2014, 53, 8770-8785.	1.9	41
5	Complexes of platinum(ii) containing ferrocenylethynyl ligands: synthesis, characterization and spectroscopic and electrochemical properties. <i>Dalton Transactions</i> , 2008, , 4926.	1.6	35
6	Binuclear Complexes and Extended Chains Featuring Pt <sup>II</sup> -Tl <sup>I</sup> Bonds: Influence of the Pyridine-2-Thiolate and Cyclometalated Ligands on the Self-Assembly and Luminescent Behavior. <i>Inorganic Chemistry</i> , 2016, 55, 7866-7878.	1.9	31
7	Platinum complexes having redox-active PPh <sub>2</sub> Ci <sub>2</sub> Cf and/or Ci <sub>2</sub> Cf as terminal or bridging ligands. <i>Dalton Transactions</i> , 2009, , 3434.	1.6	28
8	Solvent-induced lone pair activity tuning and vapoluminescence in a Pt <sub>2</sub> Pb cluster. <i>Chemical Communications</i> , 2013, 49, 5067.	2.2	28
9	Synthesis, Characterization, and Properties of Doubly Alkynyl Bridging Dinuclear Cyclometalated Iridium(III) Complexes. <i>Organometallics</i> , 2015, 34, 1766-1778.	1.1	27
10	Cyclometalated Ir(III) complexes of deprotonated N-methylbipyridinium ligands: effects of quaternised N centre position on luminescence. <i>Dalton Transactions</i> , 2015, 44, 20392-20405.	1.6	27
11	High-Nuclearity Pt <sup>II</sup> -Tl <sup>I</sup> -Fe Complexes: Structural, Electrochemistry, and Spectroelectrochemistry Studies. <i>Inorganic Chemistry</i> , 2010, 49, 11606-11618.	1.9	26
12	Nonlinear Optical Chromophores with Two Ferrocenyl, Octamethylferrocenyl, or 4-(Diphenylamino)phenyl Groups Attached to Rhenium(I) or Zinc(II) Centers. <i>Organometallics</i> , 2015, 34, 1701-1715.	1.1	26
13	One-dimensional phosphinite platinum chains based on hydrogen bonding interactions and phosphinite tetranuclear platinum(ii)-thallium(i) complexes. <i>Dalton Transactions</i> , 2007, , 3653.	1.6	23
14	Synthesis, Structural, and Photophysical Studies of Phenylquinoline and Phenylquinolinyl Alkynyl Based Pt(II) Complexes. <i>Organometallics</i> , 2014, 33, 3078-3090.	1.1	22
15	Reversible Binding of Solvent to Naked Pb <sup>II</sup> Centers in Unusual Homoleptic Alkynyl-Based Pt <sub>2</sub> Pb <sub>2</sub> Clusters. <i>Chemistry - A European Journal</i> , 2014, 20, 2574-2584.	1.7	22
16	Water-soluble Ir(III) complexes of deprotonated N-methylbipyridinium ligands: fluorine-free blue emitters. <i>Dalton Transactions</i> , 2015, 44, 15420-15423.	1.6	22
17	Rhomboidal Heterometallic Alkynyl Based Pt <sub>2</sub> Cd <sub>2</sub> Clusters: Structural, Photophysical, and Theoretical Studies. <i>Inorganic Chemistry</i> , 2010, 49, 4232-4244.	1.9	21
18	Rhenium(I) Tricarbonyl Complexes with Peripheral N-Coordination Sites: A Foundation for Heterotrimetallic Nonlinear Optical Chromophores. <i>Organometallics</i> , 2016, 35, 3014-3024.	1.1	19

#	ARTICLE	IF	CITATIONS
19	Ferrocenyl helquats: unusual chiral organometallic nonlinear optical chromophores. Dalton Transactions, 2017, 46, 1052-1064.	1.6	19
20	Novel mixed anion [trans-Pt(Ci€CTol)2(CN)2]2â´ as a building block of new luminescent PtIIâ€TII and PtIIâ€PbII coordination polymers. Chemical Communications, 2012, 48, 6384.	2.2	18
21	New Trans-Configured Acetyldeâ€Cyanide Platinum(II) Anions: Spectroscopic and Optical Studies. Organometallics, 2013, 32, 835-845.	1.1	18
22	Unexpected Formation of Ferrocenyl(vinyl)benzoquinoline Ligands by Oxidation of an Alkyne Benzoquinolate Platinum(II) Complex. Organometallics, 2013, 32, 3943-3953.	1.1	13
23	Electron-accepting Î€-conjugated species with 1,8-naphthalic anhydride or diketophosphanil units. Materials Chemistry Frontiers, 2017, 1, 2324-2334.	3.2	12
24	Reactivity of the phosphinito bridged Pt(<scpi>) complex [(PHCy<sub>2</sub>)Pt(Î¼-PCy<sub>2</sub>){Îº<sup>2</sup>P,O-Î¼-P(O)Cy<sub>2</sub>}]Pt(PHCy<sub>2</sub>)](Ptâ€Pt) towards Au(<scpi>) and Ag(<scpi>) electrophiles. Dalton Transactions, 2013, 42, 2502-2511.		
25	Uniting Ruthenium(II) and Platinum(II) Polypyridine Centers in Heteropolymetallic Complexes Giving Strong Two-Photon Absorption. Inorganic Chemistry, 2015, 54, 11450-11456.	1.9	11
26	Alkynyl bridged cyclometalated Ir<sub>2</sub>M<sub>2</sub> clusters: impact of the heterometal in the photo- and electro-luminescence properties. Dalton Transactions, 2016, 45, 3251-3255.	1.6	11
27	Tunable Chiral Second-Order Nonlinear Optical Chromophores Based on Helquat Dications. Journal of Physical Chemistry A, 2017, 121, 5842-5855.	1.1	11
28	Remarkable Influence of the Cyclometalating Ligand on the Nuclearity and Properties of Heterobridged (Î¼-X)(Î¼-Câ%jCR) Platinum(II) Complexes. Organometallics, 2011, 30, 1646-1657.	1.1	10
29	Octahedral Alkynylphosphine Ruthenium(II) Complexes: Synthesis, Structure, and Electrochemistry. Organometallics, 2011, 30, 4665-4677.	1.1	9
30	The Integration of Whole-Cell Biosensors for the Field-Ready Electrochemical Detection of Arsenic. Journal of the Electrochemical Society, 2021, 168, 067508.	1.3	9
31	Synthesis and properties of new mononuclear Ru(<scpii>)-based photocatalysts containing 4,4â€-diphenyl-2,2â€-bipyridyl ligands. Dalton Transactions, 2016, 45, 5210-5222.	1.6	4
32	Attachment of Luminescent Neutral â€Pt(pq)(Câ%jCtBu)â€-Units to Di and Tri N-Donor Connecting Ligands: Solution Behavior and Photophysical Properties. Inorganics, 2014, 2, 565-590.	1.2	1