

# 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	The Integration of Whole-Cell Biosensors for the Field-Ready Electrochemical Detection of Arsenic. <i>Journal of the Electrochemical Society</i> , 2021, 168, 067508.	1.3	9
2	Ferrocenyl helquats: unusual chiral organometallic nonlinear optical chromophores. <i>Dalton Transactions</i> , 2017, 46, 1052-1064.	1.6	19
3	Electron-accepting $\pi$ -conjugated species with 1,8-naphthalic anhydride or diketophosphanyl units. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2324-2334.	3.2	12
4	Tunable Chiral Second-Order Nonlinear Optical Chromophores Based on Helquat Dications. <i>Journal of Physical Chemistry A</i> , 2017, 121, 5842-5855.	1.1	11
5	Binuclear Complexes and Extended Chains Featuring Pt <sup>II</sup> -Ti <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
6	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
7	Alkynyl bridged cyclometalated Ir <sub>2</sub> M <sub>2</sub> clusters: impact of the heterometal in the photo- and electro-luminescence properties. <i>Dalton Transactions</i> , 2016, 45, 3251-3255.	1.6	11
8	Synthesis and properties of new mononuclear Ru( $\eta^5$ )-based photocatalysts containing 4,4'-diphenyl-2,2'-bipyridyl ligands. <i>Dalton Transactions</i> , 2016, 45, 5210-5222.	1.6	4
9	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
10	Uniting Ruthenium(II) and Platinum(II) Polypyridine Centers in Heteropolymetallic Complexes Giving Strong Two-Photon Absorption. <i>Inorganic Chemistry</i> , 2015, 54, 11450-11456.	1.9	11
11	Synthesis, Characterization, and Properties of Doubly Alkynyl Bridging Dinuclear Cyclometalated Iridium(III) Complexes. <i>Organometallics</i> , 2015, 34, 1766-1778.	1.1	27
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	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
14	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
15	Attachment of Luminescent Neutral $\eta^5$ -Pt(pq)(C <sub>6</sub> H <sub>4</sub> CtBu)-Units to Di and Tri N-Donor Connecting Ligands: Solution Behavior and Photophysical Properties. <i>Inorganics</i> , 2014, 2, 565-590.	1.2	1
16	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
17	Synthesis, Structural, and Photophysical Studies of Phenylquinoline and Phenylquinolinyl Alkynyl Based Pt(II) Complexes. <i>Organometallics</i> , 2014, 33, 3078-3090.	1.1	22
18	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

#	ARTICLE	IF	CITATIONS
19	Unexpected Formation of Ferrocenyl(vinyl)benzoquinoline Ligands by Oxidation of an Alkyne Benzoquinolate Platinum(II) Complex. <i>Organometallics</i> , 2013, 32, 3943-3953.	1.1	13
20	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
21	Reactivity of the phosphinito bridged Pt( $\eta^5$ -Cp) <sub>2</sub> complex [(PhCp) <sub>2</sub> Pt( $\eta^5$ -PCy) <sub>2</sub> ]{ $\eta^5$ -P,O- $\eta^5$ -P(O)Cy) <sub>2</sub> Pt(PhCp) <sub>2</sub> }(Pt $\eta^5$ -Cp) towards Au( $\eta^5$ -Cp) and Ag( $\eta^5$ -Cp) electrophiles. <i>Dalton Transactions</i> , 2013, 42, 2502-2511.		
22	New Trans-Configured Acetylide-Cyanide Platinum(II) Anions: Spectroscopic and Optical Studies. <i>Organometallics</i> , 2013, 32, 835-845.	1.1	18
23	Novel mixed anion [trans-Pt(Ci $\eta^5$ -CTol)2(CN)2] <sup>2-</sup> as a building block of new luminescent PtII-Tl and PtII-PbII coordination polymers. <i>Chemical Communications</i> , 2012, 48, 6384.	2.2	18
24	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
25	Luminescent Cycloplatinated Complexes Containing Poly(pyrazolyl)-borate and -methane Ligands. <i>Organometallics</i> , 2011, 30, 5776-5792.	1.1	47
26	Remarkable Influence of the Cyclometalating Ligand on the Nuclearity and Properties of Heterobridged ( $\eta^5$ -X)( $\eta^5$ -C <sub>6</sub> H <sub>4</sub> CR) Platinum(II) Complexes. <i>Organometallics</i> , 2011, 30, 1646-1657.	1.1	10
27	Octahedral Alkynylphosphine Ruthenium(II) Complexes: Synthesis, Structure, and Electrochemistry. <i>Organometallics</i> , 2011, 30, 4665-4677.	1.1	9
28	High-Nuclearity Pt <sup>II</sup> -Tl <sup>+</sup> -Fe Complexes: Structural, Electrochemistry, and Spectroelectrochemistry Studies. <i>Inorganic Chemistry</i> , 2010, 49, 11606-11618.	1.9	26
29	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
30	Platinum complexes having redox-active PPh <sub>2</sub> Ci $\eta^5$ -CFc and/or Ci $\eta^5$ -CFc as terminal or bridging ligands. <i>Dalton Transactions</i> , 2009, , 3434.	1.6	28
31	Complexes of platinum(ii) containing ferrocenylethynyl ligands: synthesis, characterization and spectroscopic and electrochemical properties. <i>Dalton Transactions</i> , 2008, , 4926.	1.6	35
32	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