Giovanni Salassa

List of Publications by Year
in descending order

31	1,480	361413 20	414414 32
papers	citations	h-index	g-index

34	34	34	1990
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A DFT Study on the Mechanism of the Cycloaddition Reaction of CO₂ to Epoxides Catalyzed by Zn(Salphen) Complexes. Chemistry - A European Journal, 2013, 19, 6289-6298.	3.3	271
2	Recent advances with Ï€-conjugated salen systems. Chemical Society Reviews, 2012, 41, 622-631.	38.1	230
3	Mechanism of Ligand Photodissociation in Photoactivable [Ru(bpy)₂L₂]²⁺ Complexes: A Density Functional Theory Study. Journal of the American Chemical Society, 2008, 130, 9590-9597.	13.7	149
4	Effective Chirogenesis in a Bis(metallosalphen) Complex through Hostâ€“Guest Binding with Carboxylic Acids. Angewandte Chemie - International Edition, 2011, 50, 713-716.	13.8	108
5	Extremely Strong Self-Assembly of a Bimetallic Salen Complex Visualized at the Single-Molecule Level. Journal of the American Chemical Society, 2012, 134, 7186-7192.	13.7	80
6	Ligand-Selective Photodissociation from [Ru(bpy)(4AP)4]2+: a Spectroscopic and Computational Study. Inorganic Chemistry, 2009, 48, 1469-1481.	4.0	68
7	Dynamic Nature of Thiolate Monolayer in Au₂₅(SR)₁₈ Nanoclusters. ACS Nano, 2017, 11, 12609-12614.	14.6	63
8	Silver migration between Au₃₈(SC₂H₄Ph)₂₄ and doped Ag_xAu_{38â^'x}(SC₂H₄Ph)₂₄ nanoclusters. Chemical Communications, 2016, 52, 9205-9207.	4.1	57
9	Ligand Migration from Cluster to Support: A Crucial Factor for Catalysis by Thiolateâ€protected Gold Clusters. ChemCatChem, 2018, 10, 5372-5376.	3.7	44
10	Cooperative self-assembly of a macrocyclic Schiff base complex. Dalton Transactions, 2011, 40, 5236.	3.3	37
11	NMR spectroscopy: a potent tool for studying monolayer-protected metal nanoclusters. Nanoscale Horizons, 2018, 3, 457-463.	8.0	32
12	Turning Supramolecular Receptors into Chemosensors by Nanoparticle-Assisted â€œNMR Chemosensingâ€• Journal of the American Chemical Society, 2015, 137, 11399-11406.	13.7	30
13	Structural Investigation of the Ligand Exchange Reaction with Rigid Dithiol on Doped (Pt, Pd) Au₂₅ Clusters. Journal of Physical Chemistry C, 2017, 121, 10919-10926.	3.1	30
14	On the mechanism of rapid metal exchange between thiolate-protected gold and gold/silver clusters: a time-resolved in situ XAFS study. Physical Chemistry Chemical Physics, 2018, 20, 5312-5318.	2.8	27
15	Metal Complexes of Oxadiazole Ligands: An Overview. International Journal of Molecular Sciences, 2019, 20, 3483.	4.1	27
16	Versatile Switching in Substrate Topicity: Supramolecular Chirality Induction in Diâ€•and Trinuclear Host Complexes. Chemistry - A European Journal, 2012, 18, 6805-6810.	3.3	26
17	Merging catalysis and supramolecular aggregation features of triptycene based Zn(salphen)s. Dalton Transactions, 2013, 42, 7962.	3.3	22
18	Covalently bonded multimers of Au₂₅(SBut)₁₈ as a conjugated system. Nanoscale, 2018, 10, 12754-12762.	5.6	22

#	Article	IF	Citations
19	Spectroscopic properties of Zn(salphenazine) complexes and their application in small molecule organic solar cells. Dalton Transactions, 2014, 43, 210-221.	3.3	21
20	Conformational Mobility in Monolayer-Protected Nanoparticles: From Torsional Free Energy Profiles to NMR Relaxation. Journal of Physical Chemistry C, 2015, 119, 20100-20110.	3.1	17
21	A Short Desymmetrization Protocol for the Coordination Environment in Bis-salphen Scaffolds. Journal of Organic Chemistry, 2011, 76, 5404-5412.	3.2	14
22	Supramolecular bulky phosphines comprising 1,3,5-triaza-7-phosphaadamantane and Zn(salphen)s: structural features and application in hydrosilylation catalysis. Dalton Transactions, 2013, 42, 7595.	3.3	13
23	Ligand and support effects on the reactivity and stability of Au38(SR)24 catalysts in oxidation reactions. Catalysis Communications, 2019, 130, 105768.	3.3	13
24	Dynamic Origin of Chirality Transfer between Chiral Surface and Achiral Ligand in Au₃₈ Clusters. ACS Nano, 2019, 13, 7127-7134.	14.6	13
25	Role of Intercluster and Interligand Dynamics of [Ag₂₅(DMBT)₁₈]^{â^'} Nanoclusters by Multinuclear Magnetic Resonance Spectroscopy. Journal of Physical Chemistry C, 2021, 125, 2524-2530.	3.1	9
26	Structure of [Ru(bpy)_n(AP)_(6-2n)]²⁺homogeneous complexes: DFT calculation vs. EXAFS. Journal of Physics: Conference Series, 2009, 190, 012141.	0.4	8
27	Unconventional Approaches in Coordination Chemistry and Organometallic Reactivity. ACS Omega, 2021, 6, 7240-7247.	3.5	8
28	The Zn(II)-1,4,7-Trimethyl-1,4,7-Triazacyclononane Complex: A Monometallic Catalyst Active in Two Protonation States. Frontiers in Chemistry, 2019, 7, 469.	3.6	7
29	Combined spectroscopic studies on post-functionalized Au₂₅ cluster as an ATR-FTIR sensor for cations. Chemical Science, 2021, 12, 7419-7427.	7.4	5
30	Back Cover: Effective Chirogenesis in a Bis(metallosalphen) Complex through Host-Guest Binding with Carboxylic Acids (Angew. Chem. Int. Ed. 3/2011). Angewandte Chemie - International Edition, 2011, 50, 778-778.	13.8	2
31	Ligand Migration from Cluster to Support: A Crucial Factor for Catalysis by Thiolateâ€protected Gold Clusters. ChemCatChem, 2018, 10, 5341-5341.	3.7	0