

Silvia Ruggieri

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Sulfoxonium ylides: simple compounds with chameleonic reactivity. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 8793-8809.	2.8	86
2	The role of gold in transition metal carbonyl clusters. <i>Coordination Chemistry Reviews</i> , 2018, 355, 27-38.	18.8	31
3	From Mononuclear Complexes to Molecular Nanoparticles: The Buildup of Atomically Precise Heterometallic Rhodium Carbonyl Nanoclusters. <i>Accounts of Chemical Research</i> , 2018, 51, 2748-2755.	15.6	26
4	Interstitial Bismuth Atoms in Icosahedral Rhodium Cages: Syntheses, Characterizations, and Molecular Structures of the $[\text{Bi@Rh}_{12}(\text{CO})_{27}]^{3+}$, $[(\text{Bi@Rh}_{12}(\text{CO})_{26})_2\text{Bi}]^{5+}$, $[\text{Bi@Rh}_{14}(\text{CO})_{27}\text{Bi}_2]^{3+}$, and $[\text{Bi@Rh}_{17}(\text{CO})_{33}\text{Bi}_2]^{4+}$ Carbonyl Clusters. <i>Inorganic Chemistry</i> , 2017, 56, 6343-6351.	4.0	21
5	Functionalization, Modification, and Transformation of Platinum Chini Clusters. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3285-3296.	2.0	18
6	Alternative synthetic route for the heterometallic CO-releasing $[\text{Sb@Rh}_{12}(\text{CO})_{27}]^{3+}$ icosahedral carbonyl cluster and synthesis of its new unsaturated $[\text{Sb@Rh}_{12}(\text{CO})_{24}]^{4+}$ and dimeric $[\{\text{Sb@Rh}_{12}\text{Sb}(\text{CO})_{25}\}_2\text{Rh}(\text{CO})_2\text{PPh}_3]^{7+}$ derivatives. <i>Progress in Natural Science: Materials International</i> , 2016, 26, 461-466.	4.4	13
7	Highly Active Catalysts Based on the $\text{Rh}_4(\text{CO})_{12}$ Cluster Supported on $\text{Ce}_{0.5}\text{Zr}_{0.5}$ and Zr Oxides for Low-Temperature Methane Steam Reforming. <i>Catalysts</i> , 2019, 9, 800.	3.5	13
8	Water soluble derivatives of platinum carbonyl Chini clusters: synthesis, molecular structures and cytotoxicity of $[\text{Pt}_{12}(\text{CO})_{20}(\text{PTA})_4]^{2+}$ and $[\text{Pt}_{15}(\text{CO})_{25}(\text{PTA})_5]^{2+}$. <i>Dalton Transactions</i> , 2018, 47, 4467-4477.	3.3	11
9	Structural Diversity in Molecular Nickel Phosphide Carbonyl Nanoclusters. <i>Inorganic Chemistry</i> , 2020, 59, 16016-16026.	4.0	10
10	Insertion of germanium atoms in high-nuclearity rhodium carbonyl compounds: synthesis, characterization and preliminary biological activity of the heterometallic $[\text{Rh}_{13}\text{Ge}(\text{CO})_{25}]^{3+}$, $[\text{Rh}_{14}\text{Ge}_2(\text{CO})_{30}]^{2+}$ and $[\text{Rh}_{12}\text{Ge}(\text{CO})_{27}]^{4+}$ clusters. <i>Dalton Transactions</i> , 2018, 47, 15737-15744.	3.3	8
11	Catalyst- and Substrate-Dependent Chemodivergent Reactivity of Stabilised Sulfur Ylides with Salicylaldehydes. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3053-3059.	4.3	7
12	Enantioselective Cytotoxicity of Chiral Diphosphine Ruthenium(II) Complexes Against Cancer Cells. <i>Chemistry - A European Journal</i> , 2022, , .	3.3	7
13	$\text{Rh}^{\text{II}}\text{Sb}$ Nanoclusters: Synthesis, Structure, and Electrochemical Studies of the Atomically Precise $[\text{Rh}_{20}\text{Sb}_3(\text{CO})_{36}]^{3+}$ and $[\text{Rh}_{21}\text{Sb}_2(\text{CO})_{38}]^{5+}$ Carbonyl Compounds. <i>Inorganic Chemistry</i> , 2020, 59, 4300-4310.	4.0	6
14	Heterometallic rhodium clusters as electron reservoirs: Chemical, electrochemical, and theoretical studies of the centered-icosahedral $[\text{Rh}_{12}\text{E}(\text{CO})_{27}]^{n+}$ atomically precise carbonyl compounds. <i>Journal of Chemical Physics</i> , 2021, 155, 104301.	3.0	6
15	Group 9 and 10 Carbonyl Clusters. , 2022, , 205-270.		2