

Matteo Savastano

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Bidimensional Polyiodide Netting Stabilized by a Cu(II) Macrocyclic Complex. <i>Inorganics</i> , 2022, 10, 12.	1.2	3
2	Assembly of Polyiodide Networks with Cu(II) Complexes of Pyridinol-Based Tetraaza Macrocycles. <i>Inorganic Chemistry</i> , 2022, 61, 368-383.	1.9	10
3	Supramolecular interaction of inositol phosphates with Cu(II): comparative study of In_6P_6 and In_3P_3 . <i>CrystEngComm</i> , 2022, 24, 2126-2137.	1.3	1
4	Novel cyclen-polyiodide complexes: a reappraisal of I covalent and secondary bond limits. <i>Dalton Transactions</i> , 2022, 51, 10728-10739.	1.6	4
5	Metal Coordination Properties of a Chromophoric Desferrioxamine (DFO) Derivative: Insight on the Coordination Stoichiometry and Thermodynamic Stability of Zr^{4+} Complexes. <i>Molecules</i> , 2022, 27, 184.	1.7	5
6	Magnetic Field Effect on the Handedness of Electrodeposited Heusler Alloy. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5640.	1.3	3
7	Words in supramolecular chemistry: the ineffable advances of polyiodide chemistry. <i>Dalton Transactions</i> , 2021, 50, 1142-1165.	1.6	24
8	Linear, tripodal, macrocyclic: Ligand geometry and ORR activity of supported Pd(II) complexes. <i>Inorganica Chimica Acta</i> , 2021, 518, 120250.	1.2	5
9	On the Oxygen Reduction Reaction Mechanism Catalyzed by Pd Complexes on 2D Carbon. A Theoretical Study. <i>Catalysts</i> , 2021, 11, 764.	1.6	7
10	Infinite supramolecular pseudo-polyrotaxane with poly[3]catenane axle: assembling nanosized rings from mono- and diatomic I^{sup}_2 and I^{sub}_2 tectons. <i>Chemical Communications</i> , 2020, 56, 551-554.	2.2	17
11	Stabilisation of Exotic Tribromide (Br_3^{sup}) Anions via Supramolecular Interaction with a Tosylated Macrocyclic Pyridinophane. A Serendipitous Case. <i>Molecules</i> , 2020, 25, 3155.	1.7	13
12	Stabilization of polyiodide networks with Cu(II) complexes of small methylated polyazacyclophanes: shifting directional control from H-bonds to I interactions. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 4239-4255.	3.0	12
13	Comment on "Investigation of Zr^{IV} and Zr^{IV} complexation with hydroxamates: progress towards designing a better chelator than desferrioxamine B for immuno-PET imaging" by F. Guérard, Y.-S. Lee, R. Tripier, L. P. Szajek, J. R. Deschamps and M. W. Brechbiel, <i>Chem. Commun.</i> , 2013, 49, 1002. <i>Chemical Communications</i> , 2020, 56, 12664-12666.	2.2	5
14	Multi-Walled Carbon Nanotubes Supported Pd(II) Complexes: A Supramolecular Approach towards Single-Ion Oxygen Reduction Reaction Catalysts. <i>Energies</i> , 2020, 13, 5539.	1.6	9
15	Synthesis and coordination properties of a new ligand designed for surface functionalization of carbon substrates. <i>Inorganica Chimica Acta</i> , 2020, 511, 119793.	1.2	6
16	myo-inositol hexakisphosphate: Coordinative versatility of a natural product. <i>Coordination Chemistry Reviews</i> , 2020, 419, 213403.	9.5	24
17	Genesis of Complex Polyiodide Networks: Insights on the Blue Box/ I_2 Ternary System. <i>Crystals</i> , 2020, 10, 387.	1.0	17
18	Porous Frameworks Based on Supramolecular Ball Joints: Bringing Flexibility to Ordered 3D Lattices. <i>Chemistry - A European Journal</i> , 2020, 26, 5994-6005.	1.7	8

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19	Sensing Zn ²⁺ in Aqueous Solution with a Fluorescent Scorpionate Macrocyclic Ligand Decorated with an Anthracene Bearing Tail. <i>Molecules</i> , 2020, 25, 1355.	1.7	21
20	Anion-π and lone pair-π interactions with s-tetrazine-based ligands. <i>Coordination Chemistry Reviews</i> , 2019, 397, 112-137.	9.5	50
21	A New Heterogeneous Catalyst Obtained via Supramolecular Decoration of Graphene with a Pd ²⁺ -Azamacrocyclic Complex. <i>Molecules</i> , 2019, 24, 2714.	1.7	19
22	Supramolecular forces and their interplay in stabilizing complexes of organic anions: tuning binding selectivity in water. <i>Organic Chemistry Frontiers</i> , 2019, 6, 75-86.	2.3	20
23	Solid State and Solution Study on the Formation of Inorganic Anion Complexes with a Series of Tetrazine-Based Ligands. <i>Molecules</i> , 2019, 24, 2247.	1.7	11
24	Stabilization of Supramolecular Networks of Polyiodides with Protonated Small Tetra-azacyclophanes. <i>Inorganics</i> , 2019, 7, 48.	1.2	21
25	Tales of the Unexpected: The Case of Zirconium(IV) Complexes with Desferrioxamine. <i>Molecules</i> , 2019, 24, 2098.	1.7	24
26	Recycling of waste automobile tires: Transforming char in oxygen reduction reaction catalysts for alkaline fuel cells. <i>Journal of Power Sources</i> , 2019, 427, 85-90.	4.0	32
27	Halide and hydroxide anion binding in water. <i>Dalton Transactions</i> , 2018, 47, 3329-3338.	1.6	24
28	Interplay between salt bridge, hydrogen bond and anion-π interactions in thiocyanate binding. <i>Inorganica Chimica Acta</i> , 2018, 470, 133-138.	1.2	22
29	MWCNTs-Supported Pd(II) Complexes with High Catalytic Efficiency in Oxygen Reduction Reaction in Alkaline Media. <i>Inorganic Chemistry</i> , 2018, 57, 14484-14488.	1.9	23
30	Network Formation via Anion Coordination: Crystal Structures Based on the Interplay of Non-Covalent Interactions. <i>Molecules</i> , 2018, 23, 572.	1.7	11
31	Iodide and triiodide anion complexes involving anion-π interactions with a tetrazine-based receptor. <i>Dalton Transactions</i> , 2017, 46, 4518-4529.	1.6	56
32	Polyfunctional Tetraaza-Macrocyclic Ligands: Zn(II), Cu(II) Binding and Formation of Hybrid Materials with Multiwalled Carbon Nanotubes. <i>ACS Omega</i> , 2017, 2, 3868-3877.	1.6	20
33	Construction of green nanostructured heterogeneous catalysts via non-covalent surface decoration of multi-walled carbon nanotubes with Pd(II) complexes of azamacrocycles. <i>Journal of Catalysis</i> , 2017, 353, 239-249.	3.1	27
34	Cation, Anion and Ion-Pair Complexes with a G-3 Poly(ethylene imine) Dendrimer in Aqueous Solution. <i>Molecules</i> , 2017, 22, 816.	1.7	4
35	Anion Complexes with Tetrazine-Based Ligands: Formation of Strong Anion-π Interactions in Solution and in the Solid State. <i>Inorganic Chemistry</i> , 2016, 55, 8013-8024.	1.9	47
36	Inorganic Mercury Sequestration by a Poly(ethylene imine) Dendrimer in Aqueous Solution. <i>Molecules</i> , 2015, 20, 3783-3790.	1.7	3

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37	ATP dephosphorylation can be either enhanced or inhibited by pH-controlled interaction with a dendrimer molecule. <i>Chemical Communications</i> , 2015, 51, 3907-3910.	2.2	6
38	Binding and removal of octahedral, tetrahedral, square planar and linear anions in water by means of activated carbon functionalized with a pyrimidine-based anion receptor. <i>RSC Advances</i> , 2014, 4, 58505-58513.	1.7	26
39	Formation of Double-Strand Dimetallic Helicates with a Terpyridine-Based Macrocyclic. <i>Inorganic Chemistry</i> , 2014, 53, 12215-12224.	1.9	25
40	Thermodynamics of Anion-π Interactions in Aqueous Solution. <i>Journal of the American Chemical Society</i> , 2013, 135, 102-105.	6.6	71
41	Polyamine receptors containing anthracene as fluorescent probes for ketoprofen in H ₂ O/EtOH solution. <i>Chemical Communications</i> , 0, , .	2.2	3