Matteo Savastano

List of Publications by Year
in descending order

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41	740	430754	552653
papers	citations	18 h-index	26 g-index

43	43	43	622
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thermodynamics of Anionâ^Ï€ Interactions in Aqueous Solution. Journal of the American Chemical Society, 2013, 135, 102-105.	6.6	71
2	Iodide and triiodide anion complexes involving anionâ€“Ï€ interactions with a tetrazine-based receptor. Dalton Transactions, 2017, 46, 4518-4529.	1.6	56
3	Anion-Ï€ and lone pair-Ï€ interactions with s-tetrazine-based ligands. Coordination Chemistry Reviews, 2019, 397, 112-137.	9.5	50
4	Anion Complexes with Tetrazine-Based Ligands: Formation of Strong Anionâ^Ï€ Interactions in Solution and in the Solid State. Inorganic Chemistry, 2016, 55, 8013-8024.	1.9	47
5	Recycling of waste automobile tires: Transforming char in oxygen reduction reaction catalysts for alkaline fuel cells. Journal of Power Sources, 2019, 427, 85-90.	4.0	32
6	Construction of green nanostructured heterogeneous catalysts via non-covalent surface decoration of multi-walled carbon nanotubes with Pd(II) complexes of azamacrocycles. Journal of Catalysis, 2017, 353, 239-249.	3.1	27
7	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. RSC Advances, 2014, 4, 58505-58513.	1.7	26
8	Formation of Double-Strand Dimetallic Helicates with a Terpyridine-Based Macrocycle. Inorganic Chemistry, 2014, 53, 12215-12224.	1.9	25
9	Halide and hydroxide anion binding in water. Dalton Transactions, 2018, 47, 3329-3338.	1.6	24
10	Tales of the Unexpected: The Case of Zirconium(IV) Complexes with Desferrioxamine. Molecules, 2019, 24, 2098.	1.7	24
11	myo-inositol hexakisphosphate: Coordinative versatility of a natural product. Coordination Chemistry Reviews, 2020, 419, 213403.	9.5	24
12	Words in supramolecular chemistry: the ineffable advances of polyiodide chemistry. Dalton Transactions, 2021, 50, 1142-1165.	1.6	24
13	MWCNTs-Supported Pd(II) Complexes with High Catalytic Efficiency in Oxygen Reduction Reaction in Alkaline Media. Inorganic Chemistry, 2018, 57, 14484-14488.	1.9	23
14	Interplay between salt bridge, hydrogen bond and anion-Ï€ interactions in thiocyanate binding. Inorganica Chimica Acta, 2018, 470, 133-138.	1.2	22
15	Stabilization of Supramolecular Networks of Polyiodides with Protonated Small Tetra-azacyclophanes. Inorganics, 2019, 7, 48.	1.2	21
16	Sensing Zn2+ in Aqueous Solution with a Fluorescent Scorpiand Macrocyclic Ligand Decorated with an Anthracene Bearing Tail. Molecules, 2020, 25, 1355.	1.7	21
17	Polyfunctional Tetraaza-Macrocyclic Ligands: Zn(II), Cu(II) Binding and Formation of Hybrid Materials with Multiwalled Carbon Nanotubes. ACS Omega, 2017, 2, 3868-3877.	1.6	20
18	Supramolecular forces and their interplay in stabilizing complexes of organic anions: tuning binding selectivity in water. Organic Chemistry Frontiers, 2019, 6, 75-86.	2.3	20

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19	A New Heterogeneous Catalyst Obtained via Supramolecular Decoration of Graphene with a Pd2+ Azamacrocyclic Complex. Molecules, 2019, 24, 2714.	1.7	19
20	Infinite supramolecular pseudo-polyrotaxane with poly[3]catenane axle: assembling nanosized rings from mono- and diatomic I^{â¯} and I₂ tectons. Chemical Communications, 2020, 56, 551-554.	2.2	17
21	Genesis of Complex Polyiodide Networks: Insights on the Blue Box/Iâ¯/I2 Ternary System. Crystals, 2020, 10, 387.	1.0	17
22	Stabilisation of Exotic Tribromide (Br3â¯) Anions via Supramolecular Interaction with a Tosylated Macrocyclic Pyridinophane. A Serendipitous Case. Molecules, 2020, 25, 3155.	1.7	13
23	Stabilization of polyiodide networks with Cu(<scp>ii</scp>) complexes of small methylated polyazacyclophanes: shifting directional control from H-bonds to Iâ‹¯I interactions. Inorganic Chemistry Frontiers, 2020, 7, 4239-4255.	3.0	12
24	Network Formation via Anion Coordination: Crystal Structures Based on the Interplay of Non-Covalent Interactions. Molecules, 2018, 23, 572.	1.7	11
25	Solid State and Solution Study on the Formation of Inorganic Anion Complexes with a Series of Tetrazine-Based Ligands. Molecules, 2019, 24, 2247.	1.7	11
26	Assembly of Polyiodide Networks with Cu(II) Complexes of Pyridinol-Based Tetraaza Macrocycles. Inorganic Chemistry, 2022, 61, 368-383.	1.9	10
27	Multi-Walled Carbon Nanotubes Supported Pd(II) Complexes: A Supramolecular Approach towards Single-Ion Oxygen Reduction Reaction Catalysts. Energies, 2020, 13, 5539.	1.6	9
28	Porous Frameworks Based on Supramolecular Ball Joints: Bringing Flexibility to Ordered 3D Lattices. Chemistry - A European Journal, 2020, 26, 5994-6005.	1.7	8
29	On the Oxygen Reduction Reaction Mechanism Catalyzed by Pd Complexes on 2D Carbon. A Theoretical Study. Catalysts, 2021, 11, 764.	1.6	7
30	ATP dephosphorylation can be either enhanced or inhibited by pH-controlled interaction with a dendrimer molecule. Chemical Communications, 2015, 51, 3907-3910.	2.2	6
31	Synthesis and coordination properties of a new ligand designed for surface functionalization of carbon substrates. Inorganica Chimica Acta, 2020, 511, 119793.	1.2	6
32	Comment on â€œInvestigation of Zr(<scp>iv</scp>) and ⁸⁹Zr(<scp>iv</scp>) complexation with hydroxamates: progress towards designing a better chelator than desferrioxamine B for immuno-PET imagingâ€• by F. GuÃ©rard, Y.-S. Lee, R. Tripier, L. P. Szajek, J. R. Deschamps and M. W. Brechbiel, Chem. Commun., 2013, 49, 1002. Chemical Communications, 2020, 56, 12664-12666.	2.2	5
33	Linear, tripodal, macrocyclic: Ligand geometry and ORR activity of supported Pd(II) complexes. Inorganica Chimica Acta, 2021, 518, 120250.	1.2	5
34	Metal Coordination Properties of a Chromophoric Desferrioxamine (DFO) Derivative: Insight on the Coordination Stoichiometry and Thermodynamic Stability of Zr4+ Complexes. Molecules, 2022, 27, 184.	1.7	5
35	Cation, Anion and Ion-Pair Complexes with a G-3 Poly(ethylene imine) Dendrimer in Aqueous Solution. Molecules, 2017, 22, 816.	1.7	4
36	Novel cyclen-polyiodide complexes: a reappraisal of Iâ€“I covalent and secondary bond limits. Dalton Transactions, 2022, 51, 10728-10739.	1.6	4

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37	Inorganic Mercury Sequestration by a Poly(ethylene imine) Dendrimer in Aqueous Solution. Molecules, 2015, 20, 3783-3790.	1.7	3
38	Bidimensional Polyiodide Netting Stabilized by a Cu(II) Macrocyclic Complex. Inorganics, 2022, 10, 12.	1.2	3
39	Polyamine receptors containing anthracene as fluorescent probes for ketoprofen in H2O/EtOH solution.. Chemical Communications, 0, , .	2.2	3
40	Magnetic Field Effect on the Handedness of Electrodeposited Heusler Alloy. Applied Sciences (Switzerland), 2022, 12, 5640.	1.3	3
41	Supramolecular interaction of inositol phosphates with Cu(<scp>ii</scp>): comparative study of InsP₆â€“InsP₃. CrystEngComm, 2022, 24, 2126-2137.	1.3	1