

Giuseppe Sciortino

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62

papers

685

citations

15

h-index

21

g-index

74

ext. papers

1,011

ext. citations

6.1

avg, IF

4.9

L-index

#	Paper	IF	Citations
62	Prediction of the interaction of metallic moieties with proteins: An update for protein-ligand docking techniques. <i>Journal of Computational Chemistry</i> , 2018 , 39, 42-51	3.5	44
61	Direct Asymmetric Hydrogenation of N-Methyl and N-Alkyl Imines with an Ir(III)H Catalyst. <i>Journal of the American Chemical Society</i> , 2018 , 140, 16967-16970	16.4	36
60	Elucidation of Binding Site and Chiral Specificity of Oxidovanadium Drugs with Lysozyme through Theoretical Calculations. <i>Inorganic Chemistry</i> , 2017 , 56, 12938-12951	5.1	33
59	Polyoxovanadates with emerging biomedical activities. <i>Coordination Chemistry Reviews</i> , 2021 , 447, 214143.2	43.2	30
58	Nonoxido V(IV) Complexes: Prediction of the EPR Spectrum and Electronic Structure of Simple Coordination Compounds and Amavadin. <i>Inorganic Chemistry</i> , 2016 , 55, 7373-87	5.1	29
57	VO complexes with antibacterial quinolone ligands and their interaction with serum proteins. <i>Dalton Transactions</i> , 2018 , 47, 2164-2182	4.3	27
56	Validation and Applications of Protein-Ligand Docking Approaches Improved for Metalloligands with Multiple Vacant Sites. <i>Inorganic Chemistry</i> , 2019 , 58, 294-306	5.1	25
55	Decoding Surface Interaction of VO Metallodrug Candidates with Lysozyme. <i>Inorganic Chemistry</i> , 2018 , 57, 4456-4469	5.1	22
54	Interaction of Vanadium(IV) Species with Ubiquitin: A Combined Instrumental and Computational Approach. <i>Inorganic Chemistry</i> , 2019 , 58, 8064-8078	5.1	19
53	Integrated ESI-MS/EPR/computational characterization of the binding of metal species to proteins: vanadium drug/hemoglobin application. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 1561-1578	6.8	19
52	New V, VO, VO, and VO Systems: Exploring their Interconversion in Solution, Protein Interactions, and Cytotoxicity. <i>Inorganic Chemistry</i> , 2020 , 59, 14042-14057	5.1	18
51	Iridium-Catalyzed Isomerization of N-Sulfonyl Aziridines to Allyl Amines. <i>Organic Letters</i> , 2018 , 20, 5747-5751	5.1	18
50	Functionalized Artificial Bidomain Proteins Based on an α -Solenoid Protein Repeat Scaffold: A New Class of Artificial Diels-Alderases. <i>ACS Omega</i> , 2019 , 4, 4437-4447	3.9	17
49	Effect of secondary interactions, steric hindrance and electric charge on the interaction of VIVO species with proteins. <i>New Journal of Chemistry</i> , 2019 , 43, 17647-17660	3.6	15
48	DFT Protocol for EPR Prediction of Paramagnetic Cu(II) Complexes and Application to Protein Binding Sites. <i>Magnetochemistry</i> , 2018 , 4, 55	3.1	15
47	Chemistry of mixed-ligand oxidovanadium(IV) complexes of aroylhydrazones incorporating quinoline derivatives: Study of solution behavior, theoretical evaluation and protein/DNA interaction. <i>Journal of Inorganic Biochemistry</i> , 2019 , 199, 110786	4.2	14
46	ESI-MS Study of the Interaction of Potential Oxidovanadium(IV) Drugs and Amavadin with Model Proteins. <i>Inorganic Chemistry</i> , 2020 , 59, 9739-9755	5.1	13

45	Quantitative prediction of electronic absorption spectra of copper(II)-bioligand systems: Validation and applications. <i>Journal of Inorganic Biochemistry</i> , 2020 , 204, 110953	4.2	13
44	Rationalizing the Decavanadate(V) and Oxidovanadium(IV) Binding to G-Actin and the Competition with Decaniobate(V) and ATP. <i>Inorganic Chemistry</i> , 2021 , 60, 334-344	5.1	13
43	Polyoxido vanadates Interactions with proteins: An overview. <i>Coordination Chemistry Reviews</i> , 2022 , 454, 214344	23.2	12
42	Unveiling V O Binding Modes to Human Serum Albumins by an Integrated Spectroscopic-Computational Approach. <i>Chemistry - A European Journal</i> , 2020 , 26, 11316-11326	4.8	12
41	Through-Space Spin Coupling in a Silver(II) Porphyrin Dimer upon Stepwise Oxidations: Ag ^{III} Ag ^{II} , Ag ^{II} Ag ^{III} , and Ag ^{II} Ag ^{II} Metallophilic Interactions. <i>Chemistry - A European Journal</i> , 2019 , 25, 10098-10110	4.8	11
40	Simple Coordination Geometry Descriptors Allow to Accurately Predict Metal-Binding Sites in Proteins. <i>ACS Omega</i> , 2019 , 4, 3726-3731	3.9	10
39	The binding modes of VO ions in blood proteins and enzymes. <i>Chemical Communications</i> , 2020 , 56, 12218-12221	3.8	10
38	Bonding rearrangements in organometallic reactions: from orbitals to curly arrows. <i>Dalton Transactions</i> , 2019 , 48, 15740-15752	4.3	10
37	Dynamic Stereoselection of Peptide Helicates and Their Selective Labeling of DNA Replication Foci in Cells*. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 8859-8866	16.4	10
36	Binding of vanadium ions and complexes to proteins and enzymes in aqueous solution. <i>Coordination Chemistry Reviews</i> , 2021 , 449, 214192	23.2	10
35	Integrated experimental/computational approaches to characterize the systems formed by vanadium with proteins and enzymes. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 1951-1974	6.8	10
34	Covalent and non-covalent binding in vanadium-protein adducts. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 1189-1196	6.8	9
33	Mechanistic Insights on the Hydration of Terminal and Internal Allenes Catalyzed by [(NHC)Au] ⁺ . <i>Organometallics</i> , 2018 , 37, 3543-3551	3.8	9
32	Computational insight into the interaction of oxaliplatin with insulin. <i>Metallomics</i> , 2019 , 11, 765-773	4.5	7
31	Integrated Computational Study of the Cu-Catalyzed Hydration of Alkenes in Water Solvent and into the Context of an Artificial Metallohydratase. <i>ACS Catalysis</i> , 2019 , 9, 4616-4626	13.1	7
30	Biospeciation of Potential Vanadium Drugs of Acetylacetonate in the Presence of Proteins. <i>Frontiers in Chemistry</i> , 2020 , 8, 345	5	7
29	Stepwise Oxidations in a Cofacial Copper(II) Porphyrin Dimer: Through-Space Spin-Coupling and Interplay between Metal and Radical Spins. <i>Chemistry - A European Journal</i> , 2020 , 26, 7869-7880	4.8	7
28	Catalytic Regioselective Isomerization of 2,2-Disubstituted Oxetanes to Homoallylic Alcohols. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 7521-7527	16.4	7

27	VIVO and VIV Species Formed in Aqueous Solution by the Tridentate GlutaroimideDioxime Ligand An Instrumental and Computational Characterization. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 1805-1816	2.3	7
26	BioMetAll: Identifying Metal-Binding Sites in Proteins from Backbone Preorganization. <i>Journal of Chemical Information and Modeling</i> , 2021 , 61, 311-323	6.1	7
25	Directed Self-Assembly of Trimeric DNA-Bindingchiral Miniprotein Helicates. <i>Frontiers in Chemistry</i> , 2018 , 6, 520	5	7
24	Accurate prediction of vertical electronic transitions of Ni(II) coordination compounds via time dependent density functional theory. <i>International Journal of Quantum Chemistry</i> , 2018 , 118, e25655	2.1	7
23	Comparative Mechanistic Study on the [Au(NHC)]+-Catalyzed Hydration of Alkynes, Alkenes, and Allenes. <i>Organometallics</i> , 2020 , 39, 3469-3479	3.8	6
22	GARLEEK: Adding an extra flavor to ONIOM. <i>Journal of Computational Chemistry</i> , 2019 , 40, 381-386	3.5	6
21	Tridentate (O,N,O) ligands as potential chelator compounds for iron overload. <i>Polyhedron</i> , 2017 , 123, 192-205	2.7	5
20	Studying the reactivity of "old" Cu(II) complexes for "novel" anticancer purposes. <i>Journal of Inorganic Biochemistry</i> , 2019 , 195, 51-60	4.2	5
19	An Artificial Hemoprotein with Inducible Peroxidase- and Monooxygenase-Like Activities. <i>Chemistry - A European Journal</i> , 2020 , 26, 14929-14937	4.8	5
18	Dynamic Stereoselection of Peptide Helicates and Their Selective Labeling of DNA Replication Foci in Cells**. <i>Angewandte Chemie</i> , 2021 , 133, 8941-8948	3.6	5
17	Copper(II) „-Chelating Complexes as Potential Anticancer Agents. <i>Inorganic Chemistry</i> , 2021 , 60, 2939-2952	5.2	5
16	Mild Iridium-Catalysed Isomerization of Epoxides. Computational Insights and Application to the Synthesis of β -Alkyl Amines. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 3624-3631	5.6	4
15	Computational Study of Homogeneous Multimetallic Cooperative Catalysis. <i>Topics in Catalysis</i> ,1	2.3	4
14	Spectroscopic/Computational Characterization and the X-ray Structure of the Adduct of the VO-Picolinato Complex with RNase A. <i>Inorganic Chemistry</i> , 2021 ,	5.1	3
13	Ambiphilic boryl groups in a neutral Ni(II) complex: a new activation mode of H. <i>Chemical Science</i> , 2020 , 12, 2540-2548	9.4	3
12	Mo(VI) Potential Metallodrugs: Explaining the Transport and Cytotoxicity by Chemical Transformations.. <i>Inorganic Chemistry</i> , 2022 ,	5.1	3
11	Computational Studies of Artificial Metalloenzymes: From Methods and Models to Design and Optimization 2018 , 99-136		2
10	GPPathFinder: Identification of Ligand-Binding Pathways by a Multi-Objective Genetic Algorithm. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	2

9	Synthesis and characterization of new Pd(II) and Pt(II) complexes with 3-substituted 1-(2-pyridyl)imidazo[1,5-a]pyridine ligands. <i>Dalton Transactions</i> , 2021 , 50, 4859-4873	4.3	2
8	Chiral Cyclobutane-Containing Cell-Penetrating Peptides as Selective Vectors for Anti-Drug Delivery Systems. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
7	Impact of Cu(II) and Al(III) on the conformational landscape of amyloid- β . <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 13023-13032	3.6	1
6	New mixed ligand oxidovanadium(IV) complexes: Solution behavior, protein interaction and cytotoxicity. <i>Journal of Inorganic Biochemistry</i> , 2022 , 111853	4.2	1
5	Ferromagnetic Coupling in Oxidovanadium(IV)-Porphyrin Radical Dimers. <i>Inorganic Chemistry</i> , 2021 , 60, 16492-16506	5.1	0
4	Stereoselective Self-Assembly of DNA Binding Helicates Directed by the Viral Φ -Annulus Trimeric Peptide Motif. <i>Bioconjugate Chemistry</i> , 2021 , 32, 1564-1569	6.3	0
3	Catalysis by Metal-Organic Cages: A Computational Perspective 2022 , 271-285		0
2	Catalytic Regioselective Isomerization of 2,2-Disubstituted Oxetanes to Homoallylic Alcohols. <i>Angewandte Chemie</i> , 2020 , 132, 7591-7597	3.6	
1	Through-Space Spin Coupling in a Silver(II) Porphyrin Dimer upon Stepwise Oxidations: Ag(II)-Ag(II), Ag(II)-Ag(III), and Ag(III)-Ag(III) Metallophilic Interactions. <i>Chemistry - A European Journal</i> , 2019 , 25, 10025-10025	4.8	