

Nicola Demitri

List of Publications by Year in descending order

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180
papers

3,253
citations

147566

31
h-index

223531

46
g-index

187
all docs

187
docs citations

187
times ranked

5042
citing authors

#	ARTICLE	IF	CITATIONS
1	Vitamin B12: Unique Metalorganic Compounds and the Most Complex Vitamins. <i>Molecules</i> , 2010, 15, 3228-3259.	1.7	132
2	Hierarchical organization of perylene bisimides and polyoxometalates for photo-assisted water oxidation. <i>Nature Chemistry</i> , 2019, 11, 146-153.	6.6	132
3	Host-Guest Driven Self-Assembly of Linear and Star Supramolecular Polymers. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4504-4508.	7.2	115
4	Identification of Inhibitors of SARS-CoV-2 3CL-Pro Enzymatic Activity Using a Small Molecule in Vitro Repurposing Screen. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 1096-1110.	2.5	101
5	Multi-modal sensing in spin crossover compounds. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7836-7844.	2.7	87
6	Epindolidiones-Versatile and Stable Hydrogen-Bonded Pigments for Organic Field-Effect Transistors and Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2015, 25, 776-787.	7.8	73
7	Simulation of Diffusion Time of Small Molecules in Protein Crystals. <i>Structure</i> , 2006, 14, 393-400.	1.6	62
8	Complex Molecules That Fold Like Proteins Can Emerge Spontaneously. <i>Journal of the American Chemical Society</i> , 2019, 141, 1685-1689.	6.6	62
9	Palladium(II)- ³ -Allyl Complexes Bearing <i>N</i> -Trifluoromethyl <i>N</i> -Heterocyclic Carbenes: A New Generation of Anticancer Agents that Restrain the Growth of High-Grade Serous Ovarian Cancer Tumors. <i>Chemistry - A European Journal</i> , 2020, 26, 11868-11876.	1.7	62
10	Air-stable organic semiconductors based on 6,6-dithienylindigo and polymers thereof. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8089-8097.	2.7	56
11	Synthesis of new allyl palladium complexes bearing purine-based NHC ligands with antiproliferative and proapoptotic activities on human ovarian cancer cell lines. <i>Dalton Transactions</i> , 2018, 47, 13616-13630.	1.6	56
12	Tailoring Colors by O-Annulation of Polycyclic Aromatic Hydrocarbons. <i>Chemistry - A European Journal</i> , 2017, 23, 2363-2378.	1.7	55
13	Electronic structure of MAPbI ₃ and MAPbCl ₃ : importance of band alignment. <i>Scientific Reports</i> , 2019, 9, 15159.	1.6	52
14	Extended O-Doped Polycyclic Aromatic Hydrocarbons. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5947-5951.	7.2	47
15	Structural and Biochemical Analysis of the Dual Inhibition of MG-132 against SARS-CoV-2 Main Protease (M ^{pro} /3CL ^{pro}) and Human Cathepsin-L. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11779.	1.8	47
16	A new soluble and bioactive polymorph of praziquantel. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 127, 19-28.	2.0	45
17	Solvent Polarity Controls the Helical Conformation of Short Peptides Rich in C [±] -Tetrasubstituted Amino Acids. <i>Chemistry - A European Journal</i> , 2007, 13, 407-416.	1.7	43
18	DFT-Assisted Polymorph Identification from Lattice Raman Fingerprinting. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3690-3695.	2.1	42

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19	A halogen bond-donor amino acid for organocatalysis in water. <i>Chemical Communications</i> , 2018, 54, 10718-10721.	2.2	42
20	Crystallographic Study of Manganese(III) Acetylacetonate: An Advanced Undergraduate Project with Unexpected Challenges. <i>Journal of Chemical Education</i> , 2005, 82, 460.	1.1	41
21	Biscoumarin-containing acenes as stable organic semiconductors for photocatalytic oxygen reduction to hydrogen peroxide. <i>Journal of Materials Chemistry A</i> , 2017, 5, 20780-20788.	5.2	41
22	Borazino-Doped Polyphenylenes. <i>Journal of the American Chemical Society</i> , 2017, 139, 5503-5519.	6.6	39
23	Impact of aromaticity on anticancer activity of polypyridyl ruthenium(II) complexes: synthesis, structure, DNA/protein binding, lipophilicity and anticancer activity. <i>Journal of Biological Inorganic Chemistry</i> , 2017, 22, 1007-1028.	1.1	38
24	Halogen bonding modulates hydrogel formation from Fmoc amino acids. <i>CrystEngComm</i> , 2017, 19, 1870-1874.	1.3	37
25	A turn-on green channel Zn ²⁺ sensor and the resulting zinc(II) complex as a red channel HPO ₄ ²⁻ ion sensor: a new approach. <i>RSC Advances</i> , 2017, 7, 25528-25534.	1.7	37
26	Recent Advances in the Understanding of the Influence of Electric and Magnetic Fields on Protein Crystal Growth. <i>Crystal Growth and Design</i> , 2017, 17, 135-145.	1.4	37
27	Heterometallic In(III)-Pd(II) Porous Metal-Organic Framework with Square-Octahedron Topology Displaying High CO ₂ Uptake and Selectivity toward CH ₄ and N ₂ . <i>Inorganic Chemistry</i> , 2018, 57, 7244-7251.	1.9	37
28	A structural, functional, and computational analysis suggests pore flexibility as the base for the poor selectivity of CNG channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E3619-28.	3.3	35
29	Palladacyclopentadienyl complexes bearing purine-based N-heterocyclic carbenes: A new class of promising antiproliferative agents against human ovarian cancer. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4902.	1.7	35
30	Halogenation dictates the architecture of amyloid peptide nanostructures. <i>Nanoscale</i> , 2017, 9, 9805-9810.	2.8	33
31	Synthesis of novel allyl palladium complexes bearing purine based NHC and a water soluble phosphine and their catalytic activity in the Suzuki-Miyaura coupling in water. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4034.	1.7	33
32	O ₂ -Doped Nanographenes: A Pyrano/Pyrylium Route Towards Semiconducting Cationic Mixed-Valence Complexes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4106-4114.	7.2	33
33	Palladium (0) olefin complexes bearing purine-based N-heterocyclic carbenes and 1,3,5-triaza-7-phosphaadamantane (PTA): Synthesis, characterization and antiproliferative activity toward human ovarian cancer cell lines. <i>Journal of Organometallic Chemistry</i> , 2019, 899, 120857.	0.8	32
34	Investigating Drug-Target Residence Time in Kinases through Enhanced Sampling Simulations. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 4646-4659.	2.3	32
35	The anticancer activity of an air-stable Pd(II)-NHC (NHC = N-heterocyclic carbene) dimer. <i>Chemical Communications</i> , 2020, 56, 12238-12241.	2.2	31
36	Allyl palladium complexes bearing carbohydrate-based N-heterocyclic carbenes: Anticancer agents for selective and potent <i>in vitro</i> cytotoxicity. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5876.	1.7	30

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37	Rational Synthesis of AB-Type <i>N</i> -Substituted Core-Functionalized Naphthalene Diimides (cNDIs). <i>Organic Letters</i> , 2015, 17, 1870-1873.	2.4	28
38	Synthesis and in-depth studies on the anticancer activity of novel palladacyclopentadienyl complexes stabilized by N-Heterocyclic carbene ligands. <i>European Journal of Medicinal Chemistry</i> , 2019, 179, 325-334.	2.6	28
39	O-Annulation to Polycyclic Aromatic Hydrocarbons: A Tale of Optoelectronic Properties from Five- to Seven-Membered Rings. <i>Organic Letters</i> , 2020, 22, 4283-4288.	2.4	27
40	A complete structural characterization of the desferrioxamine E biosynthetic pathway from the fire blight pathogen <i>Erwinia amylovora</i> . <i>Journal of Structural Biology</i> , 2018, 202, 236-249.	1.3	26
41	Light-Controlled Regioselective Synthesis of Fullerene Bis-Adducts. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 313-320.	7.2	26
42	Pd-Catalyzed <i>Z</i> -Selective Semihydrogenation of Alkynes: Determining the Type of Active Species. <i>ChemCatChem</i> , 2015, 7, 2095-2107.	1.8	25
43	<i>Arabidopsis</i> and <i>Chlamydomonas</i> phosphoribulokinase crystal structures complete the redox structural proteome of the Calvin-Benson cycle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8048-8053.	3.3	25
44	Analysis of External and Internal Disorder to Understand Band-Like Transport in <i>n</i> -Type Organic Semiconductors. <i>Advanced Materials</i> , 2021, 33, 2007870.	11.1	24
45	Phosphonium-based tetrakis dibenzoylmethane Eu(III) and Sm(III) complexes: synthesis, crystal structure and photoluminescence properties in a weakly coordinating phosphonium ionic liquid. <i>RSC Advances</i> , 2015, 5, 60898-60907.	1.7	22
46	A Triazolotriazine-Based Dual GSK-3 β /CK-1 γ Ligand as a Potential Neuroprotective Agent Presenting Two Different Mechanisms of Enzymatic Inhibition. <i>ChemMedChem</i> , 2019, 14, 310-314.	1.6	22
47	Extended O-Doped Polycyclic Aromatic Hydrocarbons. <i>Angewandte Chemie</i> , 2016, 128, 6051-6055.	1.6	21
48	Exploring mechanochemical parameters using a DoE approach: Crystal structure solution from synchrotron XRPD and characterization of a new praziquantel polymorph. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 140, 105084.	1.9	21
49	O-Doped Nanographenes: A Pyrano/Pyrylium Route Towards Semiconducting Cationic Mixed-Valence Complexes. <i>Angewandte Chemie</i> , 2020, 132, 4135-4143.	1.6	20
50	Boron-Nitrogen-Doped Nanographenes: A Synthetic Tale from Borazine Precursors. <i>Chemistry - A European Journal</i> , 2020, 26, 6608-6621.	1.7	20
51	Surface induces different crystal structures in a room temperature switchable spin crossover compound. <i>Dalton Transactions</i> , 2016, 45, 134-143.	1.6	19
52	Glucose Isomerase Polymorphs Obtained Using an Ad Hoc Protein Crystallization Temperature Device and a Growth Cell Applying an Electric Field. <i>Crystal Growth and Design</i> , 2016, 16, 1679-1686.	1.4	18
53	Synthesis and comparative study of the anticancer activity of η^3 -allyl palladium(II) complexes bearing N-heterocyclic carbenes as ancillary ligands. <i>Polyhedron</i> , 2020, 186, 114607.	1.0	18
54	Crystal chemistry and temperature behavior of the natural hydrous borate colemanite, a mineral commodity of boron. <i>Physics and Chemistry of Minerals</i> , 2018, 45, 405-422.	0.3	17

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55	Sn(IV) Multiporphyrin Arrays as Tunable Photoactive Systems. <i>Inorganic Chemistry</i> , 2019, 58, 4399-4411.	1.9	17
56	From solid state to <i>in vitro</i> anticancer activity of copper(II) compounds with electronically-modulated NNO Schiff base ligands. <i>Dalton Transactions</i> , 2020, 49, 14626-14639.	1.6	17
57	Trans and cis influences and effects in cobalamins and in their simple models. <i>Journal of Inorganic Biochemistry</i> , 2012, 116, 215-227.	1.5	16
58	Methyltriphenylphosphonium Methylcarbonate, an All-in-One Wittig Vinylation Reagent. <i>ChemSusChem</i> , 2015, 8, 3963-3966.	3.6	16
59	Neutral 1,3,5-Triaza-7-phosphaadamantane-Ruthenium(II) Complexes as Precursors for the Preparation of Highly Water-Soluble Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 2850-2860.	1.0	16
60	Formation of a long-lived radical pair in a Sn(IV) porphyrin-di-tyrosinato conjugate driven by proton-coupled electron-transfer. <i>Chemical Communications</i> , 2018, 54, 6148-6152.	2.2	16
61	Halogen bonding at the wet interfaces of an amyloid peptide structure. <i>CrystEngComm</i> , 2018, 20, 5321-5326.	1.3	16
62	Stepwise Evolution of Molecular Nanoaggregates Inside the Pores of a Highly Flexible Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17342-17350.	7.2	16
63	MOF transmetalation beyond cation substitution: defective distortion of IRMOF-9 in the spotlight. <i>CrystEngComm</i> , 2019, 21, 827-834.	1.3	16
64	The Structure of Sucrose-Soaked Levansucrase Crystals from <i>Erwinia tasmaniensis</i> reveals a Binding Pocket for Levanbiose. <i>International Journal of Molecular Sciences</i> , 2020, 21, 83.	1.8	15
65	A novel class of selective CK2 inhibitors targeting its open hinge conformation. <i>European Journal of Medicinal Chemistry</i> , 2020, 195, 112267.	2.6	15
66	Isolation and characterization of major diterpenes from <i>C. canephora</i> roasted coffee oil. <i>Tetrahedron: Asymmetry</i> , 2016, 27, 649-656.	1.8	14
67	High Amino Acid Lattice Loading at Nonambient Conditions Causes Changes in Structure and Expansion Coefficient of Calcite. <i>Chemistry of Materials</i> , 2020, 32, 4205-4212.	3.2	14
68	A novel water-resistant and thermally stable black lead halide perovskite, phenyl viologen lead iodide $C_{22}H_{18}N_2(PbI_3)_2$. <i>Dalton Transactions</i> , 2020, 49, 2616-2627.	1.6	14
69	New Insight into a Deceptively Simple Reaction: The Coordination of bpy to Ru^{II} -Carbonyl Precursors: The Central Role of the σ -fac-[$Ru(bpy)Cl(CO)_3$] ⁺ Intermediate and the Chloride Rebound Mechanism. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4296-4311.	1.0	13
70	Copper-Catalyzed C-N Bond Formation via C-H Functionalization: Facile Synthesis of Multisubstituted Imidazo[1,2-a]pyridines from N-(2-Pyridinyl)enaminones. <i>Synthesis</i> , 2018, 50, 3513-3519.	1.2	13
71	Crossed 2D versus Slipped 1D π -Stacking in Polymorphs of Crystalline Organic Thin Films: Impact on the Electronic and Optical Response. <i>Advanced Optical Materials</i> , 2019, 7, 1900749.	3.6	13
72	Photoactive Boron-Nitrogen-Carbon Hybrids: From Azo-borazines to Polymeric Materials. <i>Journal of Organic Chemistry</i> , 2019, 84, 9101-9116.	1.7	13

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73	Comparison of the Levansucrase from the epiphyte <i>Erwinia tasmaniensis</i> vs its homologue from the phytopathogen <i>Erwinia amylovora</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 127, 496-501.	3.6	13
74	Halogen bonding as a key interaction in the self-assembly of iodinated diphenylalanine peptides. <i>Peptide Science</i> , 2020, 112, e24127.	1.0	13
75	Investigational Studies on a Hit Compound Cyclopropane- α -Carboxylic Acid Derivative Targeting <i>O</i> -Acetylserine Sulfhydrylase as a Colistin Adjuvant. <i>ACS Infectious Diseases</i> , 2021, 7, 281-292.	1.8	13
76	Janus-Type Dendrimers Based on Highly Branched Fluorinated Chains with Tunable Self-Assembly and ^{19}F Nuclear Magnetic Resonance Properties. <i>Macromolecules</i> , 0, , .	2.2	13
77	Indenyl and Allyl Palladate Complexes Bearing <i>N</i> -Heterocyclic Carbene Ligands: an Easily Accessible Class of New Anticancer Drug Candidates. <i>European Journal of Inorganic Chemistry</i> , 2022, , .	1.0	13
78	Phenanthrene-Extended Phenazine Dication: An Electrochromic Conformational Switch Presenting Dual Reactivity. <i>Journal of the American Chemical Society</i> , 2022, 144, 7295-7301.	6.6	13
79	Biosynthesis of micro- and nanocrystals of Pb (PbS), Hg (HgS) and Cd (CdS) sulfides in four <i>Candida</i> species: a comparative study of <i>in vivo</i> and <i>in vitro</i> approaches. <i>Microbial Biotechnology</i> , 2017, 10, 405-424.	2.0	12
80	Coordination Driven Capture of Nicotine Inside a Mesoporous MOF. <i>Materials</i> , 2017, 10, 727.	1.3	12
81	Synthesis and characterization of novel olefin complexes of palladium(0) with chelating bis(<i>N</i> -heterocyclic carbenes) as spectator ligands. <i>Polyhedron</i> , 2018, 154, 382-389.	1.0	12
82	Tight Xenon Confinement in a Crystalline Sandwich-like Hydrogen-Bonded Dimeric Capsule of a Cyclic Peptide. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14472-14476.	7.2	12
83	The structure of <i>Erwinia amylovora</i> AvrRpt2 provides insight into protein maturation and induced resistance to fire blight by <i>Malus domestica</i> cv. 'Robusta 5'. <i>Journal of Structural Biology</i> , 2019, 206, 233-242.	1.3	12
84	Spectroscopic/Computational Characterization and the X-ray Structure of the Adduct of the $\text{V}^{\text{IV}}\text{O}^2+$ -Picolinato Complex with RNase A. <i>Inorganic Chemistry</i> , 2021, 60, 19098-19109.	1.9	12
85	Nitrate as a probe of cytochrome c surface: Crystallographic identification of crucial "hot spots" for protein-protein recognition. <i>Journal of Inorganic Biochemistry</i> , 2014, 135, 58-67.	1.5	11
86	Solvent-dependent moulding of porphyrin-based nanostructures: solid state, solution and on surface self-assembly. <i>Supramolecular Chemistry</i> , 2016, 28, 753-761.	1.5	11
87	Engineering methionine S^3 -lyase from <i>Citrobacter freundii</i> for anticancer activity. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2018, 1866, 1260-1270.	1.1	11
88	Stepwise Evolution of Molecular Nanoaggregates Inside the Pores of a Highly Flexible Metal-Organic Framework. <i>Angewandte Chemie</i> , 2019, 131, 17503-17511.	1.6	11
89	Polymorphism of terthiophene with surface confinement. <i>IUCr</i> , 2018, 5, 304-308.	1.0	11
90	Structural and photophysical characterization of a tin(IV) porphyrin-rhenium(I)(diimine) conjugate. <i>Inorganica Chimica Acta</i> , 2016, 439, 61-68.	1.2	10

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91	Naphthalimide-Based Turn-On Fluorosensor for Aqueous Sulfide Ions for Staining in Living Cells. <i>ChemistrySelect</i> , 2017, 2, 9977-9983.	0.7	10
92	Reactivity of N-heterocyclic carbene-pyridine palladacyclopentadiene complexes toward halogen addition. The unpredictable course of the reaction. <i>Dalton Transactions</i> , 2017, 46, 10399-10407.	1.6	10
93	Unraveling the Origin of High-Efficiency Photoluminescence in Mixed-Stack Isostructural Crystals of Organic Charge-Transfer Complex: Fine-Tuning of Isometric Donor-Acceptor Pairs. <i>Journal of Physical Chemistry C</i> , 2020, 124, 20377-20387.	1.5	10
94	Synthesis, characterization and anticancer activity of palladium allyl complexes bearing benzimidazole-based N-heterocyclic carbene (NHC) ligands. <i>Polyhedron</i> , 2021, 207, 115381.	1.0	10
95	Mechanochemical Synthesis and Physicochemical Characterization of Previously Unreported Praziquantel Solvates with 2-Pyrrolidone and Acetic Acid. <i>Pharmaceutics</i> , 2021, 13, 1606.	2.0	10
96	High-resolution crystal structure of a 20-kDa superfluorinated gold nanocluster. <i>Nature Communications</i> , 2022, 13, 2607.	5.8	10
97	Coordination chemistry to palladium(II) of pyridylbenzamidine ligands and the related reactivity with ethylene. <i>Inorganica Chimica Acta</i> , 2015, 431, 206-218.	1.2	9
98	¹⁵ N NMR spectroscopy unambiguously establishes the coordination mode of the diimine linker 2-(2-pyridyl)pyrimidine-4-carboxylic acid (cppH) in Ru complexes. <i>Dalton Transactions</i> , 2015, 44, 15671-15682.	1.6	9
99	Stereospecific Winding of Polycyclic Aromatic Hydrocarbons into Trinacria Propellers. <i>Chemistry - A European Journal</i> , 2017, 23, 15348-15354.	1.7	9
100	Bio-Patterning of Metallic Substrates through Metal Coordination of Decoupled Borazines. <i>Chemistry - A European Journal</i> , 2018, 24, 9565-9571.	1.7	9
101	Crystal alignment of surface stabilized polymorph in thioindigo films. <i>Dyes and Pigments</i> , 2020, 172, 107847.	2.0	9
102	Probing the Surface of a Parasite Drug Target Thioredoxin Glutathione Reductase Using Small Molecule Fragments. <i>ACS Infectious Diseases</i> , 2021, 7, 1932-1944.	1.8	9
103	Fibril Structure Demonstrates the Role of Iodine Labelling on a Pentapeptide Self-Assembly. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	9
104	Digging into protein metalation differences triggered by fluorine containing-dirhodium tetracarboxylate analogues. <i>Dalton Transactions</i> , 2022, 51, 7294-7304.	1.6	9
105	Carbamylation of N-Terminal Proline. <i>ACS Medicinal Chemistry Letters</i> , 2010, 1, 254-257.	1.3	8
106	Proof of the Structure of the <i>Stemodia chilensis</i> Tetracyclic Diterpenoid (+)-19-Acetoxytremodan-12-ol by Synthesis from (+)-Podocarpic Acid: X-ray Structure Determination of a Key Intermediate. <i>Journal of Natural Products</i> , 2016, 79, 1155-1159.	1.5	8
107	XRD- and infrared-probed anisotropic thermal expansion properties of an organic semiconducting single crystal. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 1984-1992.	1.3	8
108	Incorporation of Co in the rosasite-malachite carbonate group of minerals: crystal structure studies of kolwezite and synthetic cobaltoan malachites. <i>European Journal of Mineralogy</i> , 2018, 30, 609-620.	0.4	8

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109	Inter-Backbone Charge Transfer as Prerequisite for Long-Range Conductivity in Perylene Bisimide Hydrogels. ACS Nano, 2018, 12, 5800-5806.	7.3	8
110	The importance of the electronic and steric features of the ancillary ligands on the rate of cis \leftrightarrow trans isomerization of olefins coordinated to palladium(0) centre. A study involving (Z)-1,2-ditosylethene as olefin model. Polyhedron, 2019, 173, 114144.	1.0	8
111	Structural Properties of Highly Doped Borazino Polyphenylenes Obtained through Condensation Reaction. ACS Omega, 2019, 4, 9343-9351.	1.6	8
112	Chemoselective oxidative addition of vinyl sulfones mediated by palladium complexes bearing picolyl-N-heterocyclic carbene ligands.. Dalton Transactions, 2020, 49, 5684-5694.	1.6	8
113	Cold Crystallization of the Organic n-Type Small Molecule Semiconductor 2-Decyl-7-phenyl-[1]benzothieno[3,2-b][1]benzothiophene C_{12}S_2 -Tetraoxide. Crystal Growth and Design, 2021, 21, 325-332.	1.4	8
114	BN-Doped Metal-Organic Frameworks: Tailoring 2D and 3D Porous Architectures through Molecular Editing of Borazines. Chemistry - A European Journal, 2021, 27, 4124-4133.	1.7	8
115	A Potent HIV Protease Inhibitor Identified in an Epimeric Mixture by High-Resolution Protein Crystallography. ChemMedChem, 2006, 1, 186-188.	1.6	7
116	Investigation of 2-Fold Disorder of Inhibitors and Relative Potency by Crystallizations of HIV-1 Protease in Ritonavir and Saquinavir Mixtures. Crystal Growth and Design, 2011, 11, 4378-4385.	1.4	7
117	Trans and Cis Effects of Axial Fluoroalkyl Ligands in Vitamin B ₁₂ Analogues: Relationship between Alkyl- and Fluoroalkyl-Cobalamins. Inorganic Chemistry, 2013, 52, 13392-13401.	1.9	7
118	Photolabile Ru(II) Half-Sandwich Complexes Suitable for Developing α -Caged-Compounds: Chemical Investigation and Unexpected Dinuclear Species with Bridging Diamine Ligands. European Journal of Inorganic Chemistry, 2013, 2013, 4743-4753.	1.0	7
119	An irresolute linker: separation, and structural and spectroscopic characterization of the two linkage isomers of a Ru(II)-(2-(2-pyridyl)pyrimidine-4-carboxylic acid) complex. Dalton Transactions, 2014, 43, 12160-12163.	1.6	7
120	In Situ Structural Study of the Synthesis of ZnO Nanoparticles and the Adsorption Process of Thiol Ligands. Journal of Physical Chemistry C, 2017, 121, 14083-14087.	1.5	7
121	A Twisted Bay-Substituted Quaterylene Phosphorescing in the NIR Spectral Region. Helvetica Chimica Acta, 2017, 100, e1700192.	1.0	7
122	Synthesis, antiproliferative activity and 2D-QSAR study of some 8-alkyl-2,4-bisbenzylidene-3-nortropinones. Future Medicinal Chemistry, 2018, 10, 2815-2833.	1.1	7
123	Bioreduction of precious and heavy metals by <i>Candida</i> species under oxidative stress conditions. Microbial Biotechnology, 2019, 12, 1164-1179.	2.0	7
124	Enantioselective Synthesis and X-ray Structure of (+)-((4a <i>S</i> ,5 <i>S</i> ,8a <i>S</i>)-5,8a-dimethyl-7-methyleneoctahydro-2 <i>H</i> -spiro[naphthalene-1,2- <i>c</i> [1,3]dioxole]) European Journal of Organic Chemistry, 2019, 2019, 1594-1599.	1.2	7
125	Reactivity of a fluorine-containing dirhodium tetracarboxylate compound with proteins. Dalton Transactions, 2022, 51, 3695-3705.	1.6	7
126	Unraveling the Peculiarities in the Temperature-Dependent Structural Evolution of Black Phosphorus. Condensed Matter, 2017, 2, 11.	0.8	6

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127	Halogenation of the N-terminus Tyrosine 10 Promotes Supramolecular Stabilization of the Amyloid β Sequence 7-12. <i>ChemistryOpen</i> , 2020, 9, 253-260.	0.9	6
128	The structural and functional characterization of <i>Malus domestica</i> double bond reductase MdDBR provides insights towards the identification of its substrates. <i>International Journal of Biological Macromolecules</i> , 2021, 171, 89-99.	3.6	6
129	Photoinduced Electron vs. Concerted Proton Electron Transfer Pathways in Sn IV (1-tryptophanato) 2 Porphyrin Conjugates. <i>Chemistry - A European Journal</i> , 2021, 27, 7872-7881.	1.7	6
130	Imidazo[1,5-a]pyridine-3-ylidenes and dipyrroimidazolinyldenes as ancillary ligands in Palladium allyl complexes with potent in vitro anticancer activity. <i>Journal of Organometallic Chemistry</i> , 2021, 952, 122014.	0.8	6
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