Nicola Demitri

List of Publications by Year
in descending order

180	3,253	147566 31	223531 46
papers	citations	h-index	g-index

187	187	187	5042
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fibril Structure Demonstrates the Role of Iodine Labelling on a Pentapeptide Selfâ€Assembly. Chemistry - A European Journal, 2022, 28, .	1.7	9
2	Reactivity of a fluorine-containing dirhodium tetracarboxylate compound with proteins. Dalton Transactions, 2022, 51, 3695-3705.	1.6	7
3	Discovering Crystal Forms of the Novel Molecular Semiconductor OEG-BTBT. Crystal Growth and Design, 2022, 22, 1680-1690.	1.4	6
4	Synthesis, characterization, and anticancer activity of ferrocenyl complexes bearing different organopalladium fragments. Applied Organometallic Chemistry, 2022, 36, .	1.7	3
5	Indenyl and Allyl Palladate Complexes BearingNâ€Heterocyclic Carbene Ligands: an Easily Accessible Class of New Anticancer Drug Candidates. European Journal of Inorganic Chemistry, 2022, 2022, .	1.0	13
6	Digging into protein metalation differences triggered by fluorine containing-dirhodium tetracarboxylate analogues. Dalton Transactions, 2022, 51, 7294-7304.	1.6	9
7	Phenanthrene-Extended Phenazine Dication: An Electrochromic Conformational Switch Presenting Dual Reactivity. Journal of the American Chemical Society, 2022, 144, 7295-7301.	6.6	13
8	High-resolution crystal structure of a 20â€‰kDa superfluorinated gold nanocluster. Nature Communications, 2022, 13, 2607.	5.8	10
9	Hydrogen and halogen bond synergy in the self-assembly of 3,5-dihalo-tyrosines: structural and theoretical insights. CrystEngComm, 2022, 24, 7255-7260.	1.3	1
10	Cationic palladium(<scp>ii</scp>)-indenyl complexes bearing phosphines as ancillary ligands: synthesis, and study of indenyl amination and anticancer activity. Dalton Transactions, 2022, 51, 11135-11151.	1.6	3
11	The folding and aggregation properties of a single KH-domain protein: Ribosome binding factor A (RbfA) from Pseudomonas aeruginosa. Biochimica Et Biophysica Acta - General Subjects, 2021, 1865, 129780.	1.1	2
12	Lightâ€Controlled Regioselective Synthesis of Fullerene Bisâ€Adducts. Angewandte Chemie - International Edition, 2021, 60, 313-320.	7.2	26
13	Cold Crystallization of the Organic n-Type Small Molecule Semiconductor 2-Decyl-7-phenyl-[1]benzothieno[3,2-b][1]benzothiophene S,S,Sâ€²,Sâ€²-Tetraoxide. Crystal Growth and Design, 2021, 21, 325-332.	1.4	8
14	BNâ€Doped Metalâ€“Organic Frameworks: Tailoring 2D and 3D Porous Architectures through Molecular Editing of Borazines. Chemistry - A European Journal, 2021, 27, 4124-4133.	1.7	8
15	Investigational Studies on a Hit Compound Cyclopropaneâ€“Carboxylic Acid Derivative Targeting O-Acetylserine Sulfhydrylase as a Colistin Adjuvant. ACS Infectious Diseases, 2021, 7, 281-292.	1.8	13
16	Analysis of External and Internal Disorder to Understand Bandâ€Like Transport in nâ€Type Organic Semiconductors. Advanced Materials, 2021, 33, 2007870.	11.1	24
17	The structural and functional characterization of Malus domestica double bond reductase MdDBR provides insights towards the identification of its substrates. International Journal of Biological Macromolecules, 2021, 171, 89-99.	3.6	6
18	Identification of Inhibitors of SARS-CoV-2 3CL-Pro Enzymatic Activity Using a Small Molecule in Vitro Repurposing Screen. ACS Pharmacology and Translational Science, 2021, 4, 1096-1110.	2.5	101

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19	Probing the Surface of a Parasite Drug Target Thioredoxin Glutathione Reductase Using Small Molecule Fragments. ACS Infectious Diseases, 2021, 7, 1932-1944.	1.8	9
20	Efficient One-Pot Microwave-Assisted Synthesis, Crystallographic, and Spectroscopic Characterization of Novel Antitumor and Antimicrobial (3E)-5-Hydroxy-1-Isopropyl-3-[(5-Methyl-2-Thienyl)Methylene]-5-Phenylpyrrolidin-2-One. Journal of Applied Spectroscopy, 2021, 88, 414-423.	0.3	1
21	Photoinduced Electron vs. Concerted Proton Electron Transfer Pathways in Sn IV (l â€Tryptophanato) 2 Porphyrin Conjugates. Chemistry - A European Journal, 2021, 27, 7872-7881.	1.7	6
22	Underlining the Importance of Peripheral Protic Functional Groups to Enhance the Proton Exchange of Gd-Based MRI Contrast Agents. Inorganic Chemistry, 2021, 60, 13626-13636.	1.9	5
23	Synthesis and anticancer activity of Pt(0)â€olefin complexes bearing 1,3,5â€triazaâ€7â€phosphaadamantane and Nâ€heterocyclic carbene ligands. Applied Organometallic Chemistry, 2021, 35, e6438.	1.7	3
24	Synthesis, characterization and anticancer activity of palladium allyl complexes bearing benzimidazole-based N-heterocyclic carbene (NHC) ligands. Polyhedron, 2021, 207, 115381.	1.0	10
25	Imidazo[1,5-a]pyridine-3-ylidenes and dipyridoimidazolinylidenes as ancillary ligands in Palladium allyl complexes with potent in vitro anticancer activity. Journal of Organometallic Chemistry, 2021, 952, 122014.	0.8	6
26	H-Bonding and intramolecular catalysis of proton exchange affect the CEST properties of Eu^{III} complexes with HP-DO3A-like ligands. Chemical Communications, 2021, 57, 3287-3290.	2.2	3
27	Mechanochemical Synthesis and Physicochemical Characterization of Previously Unreported Praziquantel Solvates with 2-Pyrrolidone and Acetic Acid. Pharmaceutics, 2021, 13, 1606.	2.0	10
28	Structure and metal-binding properties of PA4063, a novel player in periplasmic zinc trafficking byPseudomonas aeruginosa. Acta Crystallographica Section D: Structural Biology, 2021, 77, 1401-1410.	1.1	6
29	Structural and Biochemical Analysis of the Dual Inhibition of MG-132 against SARS-CoV-2 Main Protease (Mpro/3CLpro) and Human Cathepsin-L. International Journal of Molecular Sciences, 2021, 22, 11779.	1.8	47
30	Spectroscopic/Computational Characterization and the X-ray Structure of the Adduct of the V^{IV}Oâ€“Picolinato Complex with RNase A. Inorganic Chemistry, 2021, 60, 19098-19109.	1.9	12
31	Crystal alignment of surface stabilized polymorph in thioindigo films. Dyes and Pigments, 2020, 172, 107847.	2.0	9
32	Halogen bonding as a key interaction in the selfâ€assembly of iodinated diphenylalanine peptides. Peptide Science, 2020, 112, e24127.	1.0	13
33	Oâ€Doped Nanographenes: A Pyrano/Pyrylium Route Towards Semiconducting Cationic Mixedâ€Valence Complexes. Angewandte Chemie, 2020, 132, 4135-4143.	1.6	20
34	Oâ€Doped Nanographenes: A Pyrano/Pyrylium Route Towards Semiconducting Cationic Mixedâ€Valence Complexes. Angewandte Chemie - International Edition, 2020, 59, 4106-4114.	7.2	33
35	From solid state to in vitro anticancer activity of copper(<scp>ii</scp>) compounds with electronically-modulated NNO Schiff base ligands. Dalton Transactions, 2020, 49, 14626-14639.	1.6	17
36	Redistribution reaction on a six-fold coordinated Sn(IV) atom and reactions towards axially unsymmetric substituted Sn(IV) porphyrins. Journal of Organometallic Chemistry, 2020, 925, 121470.	0.8	1

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37	Unraveling the Origin of High-Efficiency Photoluminescence in Mixed-Stack Isostructural Crystals of Organic Charge-Transfer Complex: Fine-Tuning of Isometric Donorâ€“Acceptor Pairs. Journal of Physical Chemistry C, 2020, 124, 20377-20387.	1.5	10
38	The anticancer activity of an air-stable Pd(<scp>i</scp>)-NHC (NHC = N-heterocyclic carbene) dimer. Chemical Communications, 2020, 56, 12238-12241.	2.2	31
39	Synthesis of some tropane-based compounds targeting colon cancer. Future Medicinal Chemistry, 2020, 12, 2123-2140.	1.1	5
40	Palladium(II)â€Î·³â€Allyl Complexes Bearing Nâ€Trifluoromethyl Nâ€Heterocyclic Carbenes: A New Generation of Anticancer Agents that Restrain the Growth of Highâ€Grade Serous Ovarian Cancer Tumoroids. Chemistry - A European Journal, 2020, 26, 11868-11876.	1.7	62
41	O-Annulation to Polycyclic Aromatic Hydrocarbons: A Tale of Optoelectronic Properties from Five- to Seven-Membered Rings. Organic Letters, 2020, 22, 4283-4288.	2.4	27
42	Synthesis and comparative study of the anticancer activity of Î·3-allyl palladium(II) complexes bearing N-heterocyclic carbenes as ancillary ligands. Polyhedron, 2020, 186, 114607.	1.0	18
43	Isselite, Cu₆(SO₄)(OH)₁₀(H₂O)₄â‹…H₂O, a new mineral species from Eastern Liguria, Italy. Mineralogical Magazine, 2020, 84, 653-661.	0.6	1
44	Allyl palladium complexes bearing carbohydrateâ€based Nâ€heterocyclic carbenes: Anticancer agents for selective and potent in vitro cytotoxicity. Applied Organometallic Chemistry, 2020, 34, e5876.	1.7	30
45	Halogenation of the N â€Terminus Tyrosine 10 Promotes Supramolecular Stabilization of the Amyloidâ€Î²2 Sequence 7â€“12. ChemistryOpen, 2020, 9, 253-260.	0.9	6
46	The Structure of Sucrose-Soaked Levansucrase Crystals from Erwinia tasmaniensis reveals a Binding Pocket for Levanbiose. International Journal of Molecular Sciences, 2020, 21, 83.	1.8	15
47	A novel class of selective CK2 inhibitors targeting its open hinge conformation. European Journal of Medicinal Chemistry, 2020, 195, 112267.	2.6	15
48	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
49	High Amino Acid Lattice Loading at Nonambient Conditions Causes Changes in Structure and Expansion Coefficient of Calcite. Chemistry of Materials, 2020, 32, 4205-4212.	3.2	14
50	Boronâ€“Nitrogenâ€Doped Nanographenes: A Synthetic Tale from Borazine Precursors. Chemistry - A European Journal, 2020, 26, 6608-6621.	1.7	20
51	A novel water-resistant and thermally stable black lead halide perovskite, phenyl viologen lead iodide C₂₂H₁₈N₂(PbI₃)₂. Dalton Transactions, 2020, 49, 2616-2627.	1.6	14
52	Heliophyllite: a discredited mineral species identical to ecdemite. European Journal of Mineralogy, 2020, 32, 265-273.	0.4	1
53	Tight Xenon Confinement in a Crystalline Sandwichâ€like Hydrogenâ€Bonded Dimeric Capsule of a Cyclic Peptide. Angewandte Chemie - International Edition, 2019, 58, 14472-14476.	7.2	12
54	Crossed 2D versus Slipped 1D Ï€â€Stacking in Polymorphs of Crystalline Organic Thin Films: Impact on the Electronic and Optical Response. Advanced Optical Materials, 2019, 7, 1900749.	3.6	13

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55	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. Journal of Organometallic Chemistry, 2019, 899, 120857.	0.8	32
56	Crystal-chemical study of ecdemite from Harstigen, a new natural member of the layered lead oxyhalides group. European Journal of Mineralogy, 2019, 31, 609-617.	0.4	4
57	Investigating Drugâ€“Target Residence Time in Kinases through Enhanced Sampling Simulations. Journal of Chemical Theory and Computation, 2019, 15, 4646-4659.	2.3	32
58	Stepwise Evolution of Molecular Nanoaggregates Inside the Pores of a Highly Flexible Metalâ€“Organic Framework. Angewandte Chemie - International Edition, 2019, 58, 17342-17350.	7.2	16
59	Electronic structure of MAPbI3 and MAPbCl3: importance of band alignment. Scientific Reports, 2019, 9, 15159.	1.6	52
60	Stepwise Evolution of Molecular Nanoaggregates Inside the Pores of a Highly Flexible Metalâ€“Organic Framework. Angewandte Chemie, 2019, 131, 17503-17511.	1.6	11
61	Exploring mechanochemical parameters using a DoE approach: Crystal structure solution from synchrotron XRPD and characterization of a new praziquantel polymorph. European Journal of Pharmaceutical Sciences, 2019, 140, 105084.	1.9	21
62	Tight Xenon Confinement in a Crystalline Sandwichâ€like Hydrogenâ€Bonded Dimeric Capsule of a Cyclic Peptide. Angewandte Chemie, 2019, 131, 14614-14618.	1.6	2
63	X-Ray Crystal Structures and Organogelator Properties of (R)-9-Hydroxystearic Acid. Molecules, 2019, 24, 2854.	1.7	3
64	The importance of the electronic and steric features of the ancillary ligands on the rate of cisâ€“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
65	MOF transmetalation beyond cation substitution: defective distortion of IRMOF-9 in the spotlight. CrystEngComm, 2019, 21, 827-834.	1.3	16
66	Synthesis and in-depth studies on the anticancer activity of novel palladacyclopentadienyl complexes stabilized by N-Heterocyclic carbene ligands. European Journal of Medicinal Chemistry, 2019, 179, 325-334.	2.6	28
67	Photoactive Boronâ€“Nitrogenâ€“Carbon Hybrids: From Azo-borazines to Polymeric Materials. Journal of Organic Chemistry, 2019, 84, 9101-9116.	1.7	13
68	Structural Properties of Highly Doped Borazino Polyphenylenes Obtained through Condensation Reaction. ACS Omega, 2019, 4, 9343-9351.	1.6	8
69	Rare Example of Stereoisomeric 2 + 2 Metallacycles of Porphyrins Featuring Chiral-at-Metal Octahedral Ruthenium Corners. Inorganic Chemistry, 2019, 58, 7357-7367.	1.9	5
70	Palladacyclopentadienyl complexes bearing purineâ€based Nâ€heterocyclic carbenes: A new class of promising antiproliferative agents against human ovarian cancer. Applied Organometallic Chemistry, 2019, 33, e4902.	1.7	35
71	Sn(IV) Multiporphyrin Arrays as Tunable Photoactive Systems. Inorganic Chemistry, 2019, 58, 4399-4411.	1.9	17
72	Arabidopsis and Chlamydomonas phosphoribulokinase crystal structures complete the redox structural proteome of the Calvinâ€“Benson cycle. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8048-8053.	3.3	25

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73	The structure of Erwinia amylovora AvrRpt2 provides insight into protein maturation and induced resistance to fire blight by Malusâ€Ã—â€robusta 5. Journal of Structural Biology, 2019, 206, 233-242.	1.3	12
74	Bioreduction of precious and heavy metals by Candida species under oxidative stress conditions. Microbial Biotechnology, 2019, 12, 1164-1179.	2.0	7
75	Leveraging Fluorescent Emission to Unitary Yield: Dimerization of Polycyclic Aromatic Hydrocarbons. Helvetica Chimica Acta, 2019, 102, e1900004.	1.0	3
76	Complex Molecules That Fold Like Proteins Can Emerge Spontaneously. Journal of the American Chemical Society, 2019, 141, 1685-1689.	6.6	62
77	Enantioselective Synthesis and Xâ€ray Structure of (+)((4aS,5S,8aS)â€5,8aâ€Dimethylâ€7â€methyleneoctahydroâ€2Hâ€spiro[naphthaleneâ€1,2â€?â€[1,3]dia European Journal of Organic Chemistry, 2019, 2019, 1594-1599.	2.8	3
78	Comparison of the Levansucrase from the epiphyte Erwinia tasmaniensis vs its homologue from the phytopathogen Erwinia amylovora. International Journal of Biological Macromolecules, 2019, 127, 496-501.	3.6	13
79	A Triazolotriazineâ€Based Dual GSKâ€3Î²/CKâ€1Î´ Ligand as a Potential Neuroprotective Agent Presenting Two Different Mechanisms of Enzymatic Inhibition. ChemMedChem, 2019, 14, 310-314.	1.6	22
80	Hierarchical organization of perylene bisimides and polyoxometalates for photo-assisted water oxidation. Nature Chemistry, 2019, 11, 146-153.	6.6	132
81	Parapierrotite from the Monte Arsiccio mine (Apuan Alps, Tuscany, Italy): occurrence and new data on its crystal-chemistry. European Journal of Mineralogy, 2019, 31, 1055-1065.	0.4	3
82	Substrate-induced polymorphism of organic electronic molecules. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, e661-e661.	0.0	0
83	A complete structural characterization of the desferrioxamine E biosynthetic pathway from the fire blight pathogen Erwinia amylovora. Journal of Structural Biology, 2018, 202, 236-249.	1.3	26
84	A new soluble and bioactive polymorph of praziquantel. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 127, 19-28.	2.0	45
85	XRD- and infrared-probed anisotropic thermal expansion properties of an organic semiconducting single crystal. Physical Chemistry Chemical Physics, 2018, 20, 1984-1992.	1.3	8
86	Synthesis of novel allyl palladium complexes bearing purine based NHC and a water soluble phosphine and their catalytic activity in the Suzukiâ€Miyaura coupling in water. Applied Organometallic Chemistry, 2018, 32, e4034.	1.7	33
87	Crystal chemistry and temperature behavior of the natural hydrous borate colemanite, a mineral commodity of boron. Physics and Chemistry of Minerals, 2018, 45, 405-422.	0.3	17
88	Incorporation of Co in the rosasiteâ€“malachite carbonate group of minerals: crystal structure studies of kolwezite and synthetic cobaltoan malachites. European Journal of Mineralogy, 2018, 30, 609-620.	0.4	8
89	3D to 2D reorganization of silverâ€“thiol nanostructures, triggered by solvent vapor annealing. Nanoscale, 2018, 10, 23018-23026.	2.8	3
90	Gabrielsonite revisited: crystal-structure determination and redefinition of chemical formula. European Journal of Mineralogy, 2018, 30, 1173-1180.	0.4	1

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91	Leadâ€“Antimony Sulfosalts from Tuscany (Italy). XXIV. Crystal Structure of Thallium-Bearing Chovanite, TlPb26(Sb,As)31S72O, from the Monte Arsiccio Mine, Apuan Alps. Minerals (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.8	3
92	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
93	Engineering methionine Î³-lyase from Citrobacter freundii for anticancer activity. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2018, 1866, 1260-1270.	1.1	11
94	Conformation-directing chiral groups in bis(naphthaldiminato)nickel(<scp>ii</scp>) complexes: a rare example with 16 crystallographically independent units (Zâ€²). CrystEngComm, 2018, 20, 6122-6125.	1.3	3
95	Novel Devices for Transporting Protein Crystals to the Synchrotron Facilities and Thermal Protection of Protein Crystals. Crystals, 2018, 8, 340.	1.0	2
96	A halogen bond-donor amino acid for organocatalysis in water. Chemical Communications, 2018, 54, 10718-10721.	2.2	42
97	Synthesis of new allyl palladium complexes bearing purine-based NHC ligands with antiproliferative and proapoptotic activities on human ovarian cancer cell lines. Dalton Transactions, 2018, 47, 13616-13630.	1.6	56
98	Formation of a long-lived radical pair in a Sn(<scp>iv</scp>) porphyrinâ€“di(<scp>l</scp>-tyrosinato) conjugate driven by proton-coupled electron-transfer. Chemical Communications, 2018, 54, 6148-6152.	2.2	16
99	Copper-Catalyzed Câ€“N Bond Formation via Câ€“H Functionalization: Facile Synthesis of Multisubstituted Imidazo[1,2-a]pyridines from N-(2-Pyridinyl)enaminones. Synthesis, 2018, 50, 3513-3519.	1.2	13
100	Halogen bonding at the wet interfaces of an amyloid peptide structure. CrystEngComm, 2018, 20, 5321-5326.	1.3	16
101	Synthesis and characterization of novel olefin complexes of palladium(0) with chelating bis(N-heterocyclic carbenes) as spectator ligands. Polyhedron, 2018, 154, 382-389.	1.0	12
102	Heterometallic In(III)â€“Pd(II) Porous Metalâ€“Organic Framework with Square-Octahedron Topology Displaying High CO₂ Uptake and Selectivity toward CH₄ and N₂. Inorganic Chemistry, 2018, 57, 7244-7251.	1.9	37
103	Inter-Backbone Charge Transfer as Prerequisite for Long-Range Conductivity in Perylene Bisimide Hydrogels. ACS Nano, 2018, 12, 5800-5806.	7.3	8
104	BNâ€Patterning of Metallic Substrates through Metal Coordination of Decoupled Borazines. Chemistry - A European Journal, 2018, 24, 9565-9571.	1.7	9
105	Polymorphism of terthiophene with surface confinement. IUCrJ, 2018, 5, 304-308.	1.0	11
106	Guest loading into highly flexible MOF pores driven by molecular recognition: a stepwise SCXRD investigation. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, e359-e359.	0.0	0
107	Biosynthesis of microâ€•and nanocrystals of Pb (<scp>II</scp>), Hg (<scp>II</scp>) and Cd (<scp>II</scp>) sulfides in four Candida species: a comparative study of inÂvivo and inÂvitro approaches. Microbial Biotechnology, 2017, 10, 405-424.	2.0	12
108	Halogen bonding modulates hydrogel formation from Fmoc amino acids. CrystEngComm, 2017, 19, 1870-1874.	1.3	37

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109	Borazino-Doped Polyphenylenes. Journal of the American Chemical Society, 2017, 139, 5503-5519.	6.6	39
110	A turn-on green channel Zn²⁺ sensor and the resulting zinc(<scp>ii</scp>) complex as a red channel HPO₄^{2â¯} ion sensor: a new approach. RSC Advances, 2017, 7, 25528-25534.	1.7	37
111	Tailoring Colors by O Annulation of Polycyclic Aromatic Hydrocarbons. Chemistry - A European Journal, 2017, 23, 2363-2378.	1.7	55
112	Halogenation dictates the architecture of amyloid peptide nanostructures. Nanoscale, 2017, 9, 9805-9810.	2.8	33
113	Stereospecific Winding of Polycyclic Aromatic Hydrocarbons into Trinacria Propellers. Chemistry - A European Journal, 2017, 23, 15348-15354.	1.7	9
114	Enantiospecific recognition of 2-butanol by an inherently chiral cavitand in the solid state. CrystEngComm, 2017, 19, 3355-3361.	1.3	2
115	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
116	Recent Advances in the Understanding of the Influence of Electric and Magnetic Fields on Protein Crystal Growth. Crystal Growth and Design, 2017, 17, 135-145.	1.4	37
117	Naphthalimide-Based Turn-On Fluorosensor for Aqueous Sulfide Ions for Staining in Living Cells. ChemistrySelect, 2017, 2, 9977-9983.	0.7	10
118	Biscoumarin-containing acenes as stable organic semiconductors for photocatalytic oxygen reduction to hydrogen peroxide. Journal of Materials Chemistry A, 2017, 5, 20780-20788.	5.2	41
119	Stereospecific Winding of Polycyclic Aromatic Hydrocarbons into Trinacria Propellers. Chemistry - A European Journal, 2017, 23, 15237-15237.	1.7	0
120	A Twisted Bayâ€Substituted Quaterrylene Phosphorescing in the <scp>NIR</scp> Spectral Region. Helvetica Chimica Acta, 2017, 100, e1700192.	1.0	7
121	DFT-Assisted Polymorph Identification from Lattice Raman Fingerprinting. Journal of Physical Chemistry Letters, 2017, 8, 3690-3695.	2.1	42
122	Reactivity of N-heterocyclic carbeneâ€“pyridine palladacyclopentadiene complexes toward halogen addition. The unpredictable course of the reaction. Dalton Transactions, 2017, 46, 10399-10407.	1.6	10
123	Impact of aromaticity on anticancer activity of polypyridyl ruthenium(II) complexes: synthesis, structure, DNA/protein binding, lipophilicity and anticancer activity. Journal of Biological Inorganic Chemistry, 2017, 22, 1007-1028.	1.1	38
124	Coordination Driven Capture of Nicotine Inside a Mesoporous MOF. Materials, 2017, 10, 727.	1.3	12
125	Unraveling the Peculiarities in the Temperature-Dependent Structural Evolution of Black Phosphorus. Condensed Matter, 2017, 2, 11.	0.8	6
126	The crystal structure of Erwinia amylovora AmyR, a member of the YbjN protein family, shows similarity to type III secretion chaperones but suggests different cellular functions. PLoS ONE, 2017, 12, e0176049.	1.1	3

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127	Adding flavours to our MOFs. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C841-C841.	0.0	0
128	On the Crystal-Chemistry of Rosasite and ParÃ¡dsasvÃ¡rite. Canadian Mineralogist, 2017, 55, 1027-1040.	0.3	6
129	Halogenation as a new tool to control peptide self-assembly. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C1335-C1335.	0.0	0
130	Developing HIV-1 Protease Inhibitors through Stereospecific Reactions in Protein Crystals. Molecules, 2016, 21, 1458.	1.7	0
131	Extended Oâ€Doped Polycyclic Aromatic Hydrocarbons. Angewandte Chemie, 2016, 128, 6051-6055.	1.6	21
132	Synthesis and Investigation ofN,Nâ€™-benzylated Epindolidione Derivatives as Organic Semiconductors. ChemistrySelect, 2016, 1, 6349-6355.	0.7	2
133	Proof of the Structure of the Stemodia chilensis Tetracyclic Diterpenoid (+)-19-Acetoxystemodan-12-ol by Synthesis from (+)-Podocarpic Acid: X-ray Structure Determination of a Key Intermediate. Journal of Natural Products, 2016, 79, 1155-1159.	1.5	8
134	Neutral 1,3,5â€Triazaâ€7â€phosphaadamantaneâ€Ruthenium(II) Complexes as Precursors for the Preparation of Highly Waterâ€Soluble Derivatives. European Journal of Inorganic Chemistry, 2016, 2016, 2850-2860.	1.0	16
135	Isolation and characterization of major diterpenes from C. canephora roasted coffee oil. Tetrahedron: Asymmetry, 2016, 27, 649-656.	1.8	14
136	Extended Oâ€Doped Polycyclic Aromatic Hydrocarbons. Angewandte Chemie - International Edition, 2016, 55, 5947-5951.	7.2	47
137	Surface induces different crystal structures in a room temperature switchable spin crossover compound. Dalton Transactions, 2016, 45, 134-143.	1.6	19
138	Solvent-dependent moulding of porphyrin-based nanostructures: solid state, solution and on surface self-assembly. Supramolecular Chemistry, 2016, 28, 753-761.	1.5	11
139	Glucose Isomerase Polymorphs Obtained Using an Ad Hoc Protein Crystallization Temperature Device and a Growth Cell Applying an Electric Field. Crystal Growth and Design, 2016, 16, 1679-1686.	1.4	18
140	Recognition of C₆₀ by tetra- and tri-quinoxaline cavitands. Supramolecular Chemistry, 2016, 28, 601-607.	1.5	5
141	Structural and photophysical characterization of a tin(IV) porphyrinâ€“rhenium(I)(diimine) conjugate. Inorganica Chimica Acta, 2016, 439, 61-68.	1.2	10
142	Structural insights into the pathology ofErwinia amylovora, the causative agent of Fire Blight. Acta Crystallographica Section A: Foundations and Advances, 2015, 71, s236-s236.	0.0	0
143	A general exit strategy of monoheme cytochromes c and c₂ in electron transfer complexes?. IUBMB Life, 2015, 67, 694-700.	1.5	1
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