

Michal Dusek

List of Publications by Year in descending order

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515
papers

9,634
citations

87843

38
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54882

84
g-index

528
all docs

528
docs citations

528
times ranked

10907
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystallographic Computing System JANA2006: General features. Zeitschrift Fur Kristallographie - Crystalline Materials, 2014, 229, 345-352.	0.4	3,399
2	Thermally stimulated tunneling in rare-earth-doped oxyorthosilicates. Physical Review B, 2008, 78, .	1.1	139
3	A Highly Luminescent Hexanuclear Molybdenum Cluster – A Promising Candidate toward Photoactive Materials. European Journal of Inorganic Chemistry, 2012, 2012, 3107-3111.	1.0	123
4	Refinement of modulated structures against X-ray powder diffraction data with JANA2000. Journal of Applied Crystallography, 2001, 34, 398-404.	1.9	109
5	Ternary alkali lead chlorides: Crystal growth, crystal structure, absorption and emission properties. Progress in Crystal Growth and Characterization of Materials, 1995, 30, 1-22.	1.8	108
6	Bambus[<i>n</i>]urils: a New Family of Macrocyclic Anion Receptors. Organic Letters, 2011, 13, 4000-4003.	2.4	107
7	Three tetracoordinate Co(II) complexes [Co(biq)X ₂] (X = Cl, Br, I) with easy-plane magnetic anisotropy as field-induced single-molecule magnets. Dalton Transactions, 2015, 44, 17565-17571.	1.6	100
8	Incommensurate versus Commensurate Description of the AxBX ₃ Hexagonal Perovskite-Type Structure. Sr _{1.2872} NiO ₃ Incommensurate Composite Compound Example. Chemistry of Materials, 1998, 10, 3068-3076.	3.2	91
9	Antiferrodistortive phase transition in EuTiO ₃ . $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$. Physical Review B, 2012, 86, .	1.1	87
10	Anion-Free Bambus[6]uril and Its Supramolecular Properties. Chemistry - A European Journal, 2011, 17, 5605-5612.	1.7	79
11	Tunneling process in thermally stimulated luminescence of mixed Lu _{0.5} Y _{1.5} AlO ₃ :Ce crystals. Physical Review B, 2000, 61, 8081-8086.	1.1	70
12	The modulated structure of Ba _{0.39} Sr _{0.61} Nb ₂ O ₆ . I. Harmonic solution. Acta Crystallographica Section B: Structural Science, 2003, 59, 28-35.	1.8	70
13	Design and synthesis of a novel trinuclear palladium(II) complex containing an oxime chelate ligand: determining the interaction mechanism with the DNA groove and BSA site I by spectroscopic and molecular dynamics simulation approaches. New Journal of Chemistry, 2015, 39, 8708-8719.	1.4	66
14	[Ru(py) ₄ Cl(NO)](PF ₆) ₂ ·0.5H ₂ O: a model system for structural determination and <i>ab initio</i> calculations of photo-induced linkage NO isomers. Acta Crystallographica Section B: Structural Science, 2009, 65, 612-623.	1.8	65
15	Sodium carbonate revisited. Acta Crystallographica Section B: Structural Science, 2003, 59, 337-352.	1.8	62
16	Synthesis, characterization, antibacterial and cytotoxic activity of new palladium(II) complexes with dithiocarbamate ligands: X-ray structure of bis(dibenzyl-1-S- ϵ^2 -dithiocarbamate)Pd(II). Journal of Organometallic Chemistry, 2007, 692, 3019-3026.	0.8	60
17	Synthesis and Characterization of a Helicene-Based Imidazolium Salt and Its Application in Organic Molecular Electronics. Chemistry - A European Journal, 2015, 21, 2343-2347.	1.7	58
18	Crystallographic computing system Jana2006: solution and refinement of twinned structures. Zeitschrift Fur Kristallographie - Crystalline Materials, 2016, 231, 583-599.	0.4	58

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19	Low-temperature structure of solid C70. <i>Chemical Physics Letters</i> , 1994, 223, 323-328.	1.2	56
20	Five-dimensional structure refinement of natural melilite, (Ca _{1.89} Sr _{0.01} Na _{0.08} K _{0.02})(Mg _{0.92} Al _{0.08})(Si _{1.98} Al _{0.02})O ₇ . <i>Acta Crystallographica Section B: Structural Science</i> , 2001, 57, 739-746.	1.8	56
21	Photoluminescence of Bi ³⁺ in Y ₃ Ga ₅ O ₁₂ single-crystal host. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 3367-3375.	0.7	53
22	Homodinuclear Ni (II) and Cu (II) Schiff base complexes derived from O-vanillin with a pyrazole bridge: Preparation, crystal structures, DNA and protein (BSA) binding, DNA cleavage, molecular docking and cytotoxicity study. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 374, 145-160.	2.0	53
23	Synthesis, coordination and catalytic use of 1-(diphenylphosphino)-1- ϵ^2 -carbamoylferrocenes with pyridyl-containing N-substituents. <i>Dalton Transactions</i> , 2007, , 2802-2811.	1.6	51
24	Determination of the modulated structure of Sr _{14/11} CoO ₃ through a (3 + 1)-dimensional space description and using non-harmonic ADPs. <i>Acta Crystallographica Section B: Structural Science</i> , 1999, 55, 841-848.	1.8	50
25	Antimicrobial activity of aroylhydrazone-based oxido vanadium(v) complexes: in vitro and in silico studies. <i>New Journal of Chemistry</i> , 2016, 40, 2401-2412.	1.4	49
26	First Crystal Structures of Pharmaceutical Ibrutinib: Systematic Solvate Screening and Characterization. <i>Crystal Growth and Design</i> , 2017, 17, 3116-3127.	1.4	49
27	Crystal growth and luminescence properties of Li ₂ B ₄ O ₇ single crystals doped with Ce, In, Ni, Cu and Ti ions. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 486, 264-267.	0.7	47
28	The synthesis, characterization, DNA/BSA/HSA interactions, molecular modeling, antibacterial properties, and <i>in vitro</i> cytotoxic activities of novel parent and niosome nano-encapsulated Ho(sc^{iii}) complexes. <i>RSC Advances</i> , 2020, 10, 22891-22908.	1.7	45
29	Synthesis, crystal structure, antimicrobial activity and electrochemistry study of chromium(III) and copper(II) complexes based on semicarbazone Schiff base and azide ligands. <i>Inorganica Chimica Acta</i> , 2013, 394, 563-568.	1.2	44
30	Synthesis, spectral characterization, structural studies, molecular docking and antimicrobial evaluation of new dioxidouranium(sc^{vi}) complexes incorporating tetradentate N ₂ O ₂ Schiff base ligands. <i>RSC Advances</i> , 2015, 5, 95104-95117.	1.7	44
31	Reactions of copper(II), nickel(II), and zinc(II) acetates with a new water-soluble 4-phenylthiosemicarbazone Schiff base ligand: Synthesis, characterization, unexpected cyclization, antimicrobial, antioxidant, and anticancer activities. <i>Polyhedron</i> , 2017, 124, 156-165.	1.0	43
32	A new series of 3,5-diamino-1,2,4-triazolium(1+) inorganic salts and their potential in crystal engineering of novel NLO materials. <i>CrystEngComm</i> , 2012, 14, 4625.	1.3	41
33	Discontinuous modulation functions and their application for analysis of modulated structures with the computing system JANA2006. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2016, 231, 301-312.	0.4	41
34	Photoluminescence and decay kinetics of CsPbCl ₃ single crystals. <i>Chemical Physics Letters</i> , 1994, 220, 14-18.	1.2	40
35	Synthesis and characterization of single crystals of the layered copper hydroxide acetate Cu ₂ (OH) ₃ (CH ₃ COO) ₂ ·H ₂ O. <i>Crystal Research and Technology</i> , 2011, 46, 1051-1057.	0.6	40
36	New silver complexes with bioactive glycine and nicotinamide molecules – Characterization, DNA binding, antimicrobial and anticancer evaluation. <i>Journal of Inorganic Biochemistry</i> , 2017, 168, 1-12.	1.5	40

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37	A Novel Soluble In ⁺ Precursor for P _{in} Ligand Coordination Chemistry. Chemistry - A European Journal, 2010, 16, 13041-13045.	1.7	39
38	Catalytic oxidation of olefins and sulfides in the presence of hydrazone-oxido vanadium(V) complex containing VOCl ₂ ⁺ core. Inorganica Chimica Acta, 2016, 453, 78-85.	1.2	39
39	A new nanohybrid material constructed from Keggin-type polyoxometalate and Cd(II) semicarbazone Schiff base complex with excellent adsorption properties for the removal of cationic dye pollutants. Journal of Molecular Structure, 2017, 1130, 592-602.	1.8	39
40	Scintillation Decay of LiCaAlF ₆ :Ce ³⁺ Single Crystals. Physica Status Solidi A, 2001, 187, R1-R3.	1.7	38
41	Sejkoraite-(Y), a new member of the zippeite group containing trivalent cations from Jachymov (St.) TJ ETQq1 1 0.784314 rgBT /Overlock 2011, 96, 983-991.	0.9	38
42	Synthesis, crystal structure and spectral characteristics of highly fluorescent chalcone-based coumarin in solution and in polymer matrix. Journal of Physics and Chemistry of Solids, 2014, 75, 188-193.	1.9	38
43	Structure determination of KLaS ₂ , KPrS ₂ , KEuS ₂ , KGdS ₂ , KLuS ₂ , KYS ₂ , RbYS ₂ , NaLaS ₂ and crystal-chemical analysis of the group 1 and thallium(I) rare-earth sulfide series. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2014, 70, 360-371.	0.5	37
44	Synthesis, characterization and crystal structure determination of a new vanadium(IV) Schiff base complex (VOL2) and investigation of its catalytic activity in the epoxidation of cyclooctene. Polyhedron, 2013, 51, 54-60.	1.0	36
45	Synthesis, spectral, crystal structure, thermal behavior, antimicrobial and DNA cleavage potential of two octahedral cadmium complexes: A supramolecular structure. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 137, 389-396.	2.0	36
46	Metal-dependent assembly of a tetranuclear copper(II) complex versus a 1D chain coordination polymer of cobalt(III) complex with N ₂ O ₂ -chelating Schiff-base ligand: Synthesis, characterization and crystal structures. Polyhedron, 2010, 29, 807-812.	1.0	35
47	Methods of structural analysis and computer program JANA2000. Zeitschrift Fur Kristallographie - Crystalline Materials, 2004, 219, .	0.4	33
48	Magnetic space and superspace groups, representation analysis: competing or friendly concepts?. Acta Crystallographica Section A: Foundations and Advances, 2010, 66, 649-655.	0.3	33
49	Tetracoordinate Co(II) complexes containing bathocuproine and single molecule magnetism. New Journal of Chemistry, 2016, 40, 6593-6598.	1.4	33
50	Synthesis, characterization and in vitro biological activities of new water-soluble copper(II), zinc(II), and nickel(II) complexes with sulfonato-substituted Schiff base ligand. Inorganica Chimica Acta, 2017, 458, 171-180.	1.2	33
51	Crystal structures and phase transitions of the van der Waals ferromagnet V_3I_3 . Physical Review Materials, 2018, 3,	0.9	33
52	Low-dimensional compounds containing cyano groups. XIV. Crystal structure, spectroscopic, thermal and magnetic properties of [CuL ₂][Pt(CN) ₄] complexes (L=ethylenediamine or N,N-dimethyl-1,2-ethanediamine). Journal of Molecular Structure, 2017, 1130, 592-602.	1.0	33
53	Semi-organic salts of aniline with inorganic acids: prospective materials for the second harmonic generation. CrystEngComm, 2011, 13, 4131.	1.3	32
54	Rationalization of the formation and stability of bosutinib solvated forms. CrystEngComm, 2016, 18, 9260-9274.	1.3	32

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55	Synthesis and characterization of a series of novel perovskite-type LaMnO_3 /Keggin-type polyoxometalate hybrid nanomaterials for fast and selective removal of cationic dyes from aqueous solutions. <i>Dalton Transactions</i> , 2017, 46, 3252-3264.	1.6	32
56	Synthesis, characterization, crystal structure determination, thermal study and catalytic activity of a new oxidovanadium Schiff base complex. <i>Journal of Molecular Structure</i> , 2014, 1076, 326-332.	1.8	30
57	Sonochemical synthesis of polyoxometalate based of ionic crystal nanostructure: A photocatalyst for degradation of 2,4-dichlorophenol. <i>Ultrasonics Sonochemistry</i> , 2018, 40, 174-183.	3.8	30
58	Synthesis, characterization, crystal structure, and theoretical studies on Schiff-base compound 6-[(5-Bromopyridin-2-yl)iminomethyl]phenol. <i>Structural Chemistry</i> , 2010, 21, 153-157.	1.0	29
59	Single crystal study of the layered heavy fermion compounds Ce_2PdIn_8 , $\text{Ce}_3\text{PdIn}_{11}$, Ce_2PtIn_8 and $\text{Ce}_3\text{PtIn}_{11}$. <i>Journal of Crystal Growth</i> , 2014, 397, 47-52.	0.7	29
60	An exceptional series of phase transitions in hydrophobic amino acids with linear side chains. <i>IUCr</i> , 2016, 3, 341-353.	1.0	29
61	Six-coordinate oxo-vanadium(V) dimer complex with methoxy bridging: Synthesis, crystal structure, biological activity and molecular docking. <i>Inorganic Chemistry Communication</i> , 2017, 76, 1-4.	1.8	29
62	The incommensurately and commensurately modulated crystal structures of chromium(II) diphosphate. <i>Acta Crystallographica Section B: Structural Science</i> , 2006, 62, 556-566.	1.8	28
63	Synthesis, crystal structure, hirshfeld surface analysis, spectroscopic, biological and first-principles studies of novel aminocoumarins. <i>Journal of Molecular Structure</i> , 2020, 1221, 128862.	1.8	28
64	Synthesis of new cobalt(III) Schiff base complex: A new precursor for preparation Co_3O_4 nanoparticles via solid-state thermal decomposition. <i>Journal of Molecular Structure</i> , 2014, 1071, 6-10.	1.8	27
65	Coexistence of Antiferromagnetism and Superconductivity in Heavy Fermion Cerium Compound $\text{Ce}_3\text{PdIn}_{11}$. <i>Scientific Reports</i> , 2015, 5, 15904.	1.6	27
66	Studies on the crystal structure and arrangement of water in sitagliptin-tartrate hydrates. <i>CrystEngComm</i> , 2016, 18, 3819-3831.	1.3	27
67	Adolfpateraite, $\text{K}(\text{UO}_2)(\text{SO}_4)(\text{OH})(\text{H}_2\text{O})$, a new uranyl sulphate mineral from Jachymov, Czech Republic. <i>American Mineralogist</i> , 2012, 97, 447-454.	0.9	26
68	Structural Basis for Inhibition of Mycobacterial and Human Adenosine Kinase by 7-Substituted 7-(Het)aryl-7-deazaadenine Ribonucleosides. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 8268-8279.	2.9	26
69	Hexamethylenetetramine Sebacate, an Incommensurate Structure with Large Nonsinusoidal Modulations: Comparison of Two Refinement Strategies. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 1998, 54, 31-43.	0.3	25
70	Hydrothermal synthesis, structural and physico-chemical characterizations of two Nasicon phosphates: $\text{M}_0.5\text{OIIi}_2(\text{PO}_4)_3$ ($\text{M}=\text{Mn}, \text{Co}$). <i>Materials Research Bulletin</i> , 2009, 44, 1502-1510.	2.7	25
71	Syntheses, spectroscopic study and X-ray crystallography of some new phosphoramidates and lanthanide(III) complexes of $\text{N}-(4\text{-nitrobenzoyl})\text{-N}''\text{-bis(morpholino)phosphoric triamide}$. <i>Acta Crystallographica Section B: Structural Science</i> , 2010, 66, 441-450.	1.8	25
72	Magnetic, thermal and transport properties of $\text{Tb}_3\text{Ru}_4\text{Al}_{12}$ with a distorted kagome lattice. <i>Journal of Alloys and Compounds</i> , 2015, 634, 115-121.	2.8	25

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73	Investigation of the complex structure, comparative DNA-binding and DNA cleavage of two water-soluble mono-nuclear lanthanum(III) complexes and cytotoxic activity of chitosan-coated magnetic nanoparticles as drug delivery for the complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 178, 125-135.	2.0	25
74	Copper(II), nickel(II), zinc(II) and vanadium(IV) Schiff base complexes: Synthesis, characterization, crystal structure determination, and thermal studies. <i>Polyhedron</i> , 2018, 146, 19-25.	1.0	25
75	Color centers in LiCaAlF ₆ single crystals and their suppression by doping. <i>Journal of Applied Physics</i> , 2002, 91, 5666-5670.	1.1	24
76	Platinum precursor of anticancer drug: a structure fixed by long intermolecular Nâ€“Hâ€“â€“ and Caâ€“Hâ€“â€“ hydrogen bonds. <i>Structural Chemistry</i> , 2011, 22, 1325-1330.	1.0	24
77	Structure determination of KScS ₂ , RbScS ₂ and KLnS ₂ (Ln = Nd, Sm, Tj) ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 192 Td ((5-bromo-2-hydroxy-1,3-dicyano-2-imino-2-phenylpropan-1-ylidene)amino)ethane-1-thiolate. <i>Structural Chemistry</i> , 2015, 71, 623-630.	0.2	24
78	Synthesis, characterization, crystal structures, QSAR study and antibacterial activities of organotin bisphosphoramidates. <i>Journal of Organometallic Chemistry</i> , 2016, 806, 33-44.	0.8	24
79	A detailed study on the interaction of a novel water-soluble glycine bridged zinc(II) Schiff base coordination polymer with BSA: Synthesis, crystal structure, molecular docking and cytotoxicity effect against A549, Jurkat and Raji cell lines. <i>Inorganica Chimica Acta</i> , 2017, 465, 50-60.	1.2	24
80	Growth and Characterization of Crystals of Incongruently Melting Ternary Alkali Lead Chlorides. <i>Physica Status Solidi A</i> , 1993, 135, 565-571.	1.7	23
81	The crystal structure of franckeite, Pb _{21.7} Sn _{9.3} Fe _{4.0} Sb _{8.1} S _{56.9} . <i>American Mineralogist</i> , 2011, 96, 1686-1702.	0.9	23
82	Self-Assembled <i>p</i> -Carborane Analogue of <i>p</i> -Mercaptobenzoic Acid on Au{111}. <i>Chemistry of Materials</i> , 2015, 27, 5425-5435.	3.2	23
83	Crystal structure, spectroscopic and theoretical studies on two Schiff base compounds of 2,6-dichlorobenzylidene-2,4-dichloroaniline and 2,4-dichlorobenzylidene-2,4-dichloroaniline. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 139, 271-278.	2.0	23
84	First organicaâ€“inorganic hybrid nanomaterial constructed from a Keggin-type polyoxometallate and a copper-dithiocarbamate complex: Sonochemical synthesis, crystal structure and its adsorption performance for organic dye pollutants. <i>Polyhedron</i> , 2017, 126, 227-238.	1.0	23
85	Ibrutinib Polymorphs: Crystallographic Study. <i>Crystal Growth and Design</i> , 2018, 18, 1315-1326.	1.4	23
86	Superspace-symmetry determination and multidimensional refinement of the incommensurately modulated structure of natural fresnoite. <i>Acta Crystallographica Section B: Structural Science</i> , 2006, 62, 1031-1037.	1.8	22
87	Polynuclear oxovanadium(IV) Schiff base complex [VOL ₂] _n (L =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 192 Td ((5-bromo-2-hydroxy-1,3-dicyano-2-imino-2-phenylpropan-1-ylidene)amino)ethane-1-thiolate catalytic properties and thermal decomposition into V ₂ O ₅ nano-particles. <i>Inorganic Chemistry Communication</i> , 2013, 27, 82-87.	1.8	22
88	Multiple anion...â€“ interactions in tris(1,10-phenanthroline-â€“ ²)iron(II) bis[1,1,3,3-tetracyano-2-(2-hydroxyethyl)propenide] monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013, 69, 1351-1356.	0.4	22
89	Iron titanium phosphates as high-specific-capacity electrode materials for lithium ion batteries. <i>Journal of Alloys and Compounds</i> , 2014, 585, 434-441.	2.8	22
90	Antimicrobial activity, DNA cleavage, thermal analysis data and crystal structure of some new CdLX ₂ complexes: A supramolecular network. <i>Materials Science and Engineering C</i> , 2015, 55, 462-470.	3.8	22

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91	Assignment of f^{\sim} bands in Ce-doped		

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109	Synthesis, characterization, crystal structure, catalytic activity in oxidative bromination, and thermal study of a new oxidovanadium Schiff base complex containing O, N-bidentate Schiff base ligand. <i>Journal of Coordination Chemistry</i> , 2014, 67, 3664-3677.	0.8	17
110	Redetermination of NaGdS ₂ , NaLuS ₂ and NaYS ₂ . <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 533-535.	0.2	17
111	A new copper(II) Schiff base complex containing asymmetrical tetradentate N ₂ O ₂ Schiff base ligand: Synthesis, characterization, crystal structure and DFT study. <i>Journal of Molecular Structure</i> , 2015, 1082, 91-96.	1.8	17
112	Synthesis and structure elucidation of a novel mixed-ligand Cu(II) Schiff base complex and its catalytic performance for the synthesis of 2-amino-4H-pyrans and tetrahydro-4H-chromenes. <i>Polyhedron</i> , 2018, 146, 73-80.	1.0	17
113	Sonochemical Synthesis of Bismuth(III) Nano Coordination Compound and Direct Synthesis of Bi ₂ O ₃ Nanoparticles from a Bismuth(III) Nano Coordination Compound Precursor. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015, 25, 1226-1232.	1.9	16
114	Structural investigation of oxovanadium(IV) Schiff base complexes: X-ray crystallography, electrochemistry and kinetic of thermal decomposition. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 625-634.	2.0	16
115	Novel inorganic precursors [Co _{4.32} Zn _{1.68} (HCO ₂) ₁₈ (C ₂ H ₈ N) ₆]/SiO ₂ and Co _{4.32} Zn _{1.68} (HCO ₂) ₁₈ (C ₂ H ₈ N) ₆ /Al ₂ O ₃ for Fischer-Tropsch synthesis. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 685-694.	3.8	16
116	A novel water-soluble tetranuclear copper (II) Schiff base cluster bridged by 2, 6-bis-[(2-hydroxyethylimino)methyl]-4-methylphenol in interaction with BSA: Synthesis, X-ray crystallography, docking and cytotoxicity studies. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 361, 93-104.	2.0	16
117	Structural phase transitions in Sr _{1-x} Ca _x As ₂ As ₂ . <i>Physical Review B</i> , 2012, 85, 114407.	1.1	15
118	Two coordination polymers based on semicarbazone Schiff base and azide: synthesis, crystal structure, electrochemistry, magnetic properties and biological activity. <i>Journal of Coordination Chemistry</i> , 2013, 66, 748-762.	0.8	15
119	Diastereoselective and one-pot synthesis of trans-isoquinolonic acids via three-component condensation of homophthalic anhydride, aldehydes, and ammonium acetate catalyzed by aspartic acid. <i>Tetrahedron</i> , 2013, 69, 6541-6544.	1.0	15
120	Revision of the crystal structure and chemical formula of haiweeite, Ca(UO ₂) ₂ (Si ₅ O ₁₂)(OH) ₂ ·6H ₂ O. <i>American Mineralogist</i> , 2013, 98, 718-723.	0.9	15
121	The $\hat{1} \hat{+} \hat{2}$ phase transitions of Zn ₂ P ₂ O ₇ revisited: existence of an additional intermediate phase with an incommensurately modulated structure. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2014, 70, 539-554.	0.5	15
122	Low-dimensional compounds containing cyanido groups. XXVI. Crystal structure, spectroscopic and magnetic properties of Co(II) complexes with non-linear pseudohalide ligands. <i>Polyhedron</i> , 2014, 81, 396-408.	1.0	15
123	A $\hat{3}$ -cyclodextrin duplex connected with two disulfide bonds: synthesis, structure and inclusion complexes. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2980-2985.	1.5	15
124	Synthesis and characterization of two new tetrapyrrolic macrocycles for the selective extraction of cesium cation. <i>Tetrahedron</i> , 2016, 72, 3966-3973.	1.0	15
125	Generalized bond-strength model of Vickers hardness: Application to Cr ₄ B, CrB, CrB ₂ , CrB ₄ , Mo ₂ B, MoB ₂ , OsB ₂ , ReB ₂ , WB ₂ , WB ₃ and Ti _{1.87} B ₅ O. <i>Mechanics of Materials</i> , 2017, 112, 71-75.	1.7	15
126	Preparation of magnetically recyclable ZnFe ₂ O ₄ nanoparticles by easy single-step coprecipitation method and their catalytic performance in the synthesis of 2-aminothiophenes. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4047.	1.7	15

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127	Decay kinetics of Ce ³⁺ ions under gamma and KrF excimer laser excitation in CeF ₃ single crystals. <i>Journal of Physics Condensed Matter</i> , 1995, 7, 6355-6364.	0.7	14
128	Fluorosilyl-Substituted Cyclopentadienyltitanium(IV) Complexes: Synthesis, Structure, and Styrene Polymerization Behavior. <i>Organometallics</i> , 2007, 26, 2735-2741.	1.1	14
129	Two new X ^P (O)[NHC(CH ₃) ₃] ₂ phosphoramidates, with X = (CH ₃) ₂ N and [(CH ₃) ₃ CNH] ₂ P(O)(O). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2012, 68, o164-o169.	0.4	14
130	Årpite, U(AsO ₃ OH) ₂ ·4H ₂ O, from Jáchymov, Czech Republic: the first natural arsenate of tetravalent uranium. <i>Mineralogical Magazine</i> , 2013, 77, 137-152.	0.6	14
131	Synthesis, structural investigation and kinetic studies of uranyl(VI) unsymmetrical Schiff base complexes. <i>Journal of Chemical Sciences</i> , 2014, 126, 1673-1683.	0.7	14
132	The crystal structure of rabejacite, the Ca ²⁺ -dominant member of the zippeite group. <i>Mineralogical Magazine</i> , 2014, 78, 1249-1264.	0.6	14
133	Isolation, spectroscopic characterization, X-ray, theoretical studies as well as in vitro cytotoxicity of Samarcandin. <i>Bioorganic Chemistry</i> , 2016, 66, 27-32.	2.0	14
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363	Acetyltriphenylphosphonium nitrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o303-o303.	0.2	3
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365	A new phenoxo-bridged dicopper Schiff base complex: Synthesis, crystal structure, DNA/BSA interaction, cytotoxicity assay and catecholase activity. <i>Polyhedron</i> , 2022, 221, 115891.	1.0	3
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378	(E)-2-Cyano-3-(2,3-dimethoxyphenyl)acrylic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o3508-o3509.	0.2	2

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420	1,1'-[[[(2,3,3 <i>a</i> ,4,5,6,7,7 <i>a</i> -Octahydro-1 <i>H</i> -1,3-benzimidazole-1,3-diyl)bis(methylene)]bis(1 <i>H</i> -benzotriazole)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o3071-o3071.	0.2	1
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