

# Joachim Kusz

## List of Publications by Year in descending order

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217  
papers

2,595  
citations

279701

23  
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360920

35  
g-index

220  
all docs

220  
docs citations

220  
times ranked

2796  
citing authors

#	ARTICLE	IF	CITATIONS
1	X-ray structure study of the light-induced metastable states of the spin-crossover compound [Fe(mtz) <sub>6</sub> ](BF <sub>4</sub> ) <sub>2</sub> . Journal of Applied Crystallography, 2001, 34, 229-238.	1.9	94
2	Crystal and Molecular Structure Analysis of 2-Methylimidazole. Journal of Chemical Crystallography, 2010, 40, 201-206.	0.5	91
3	Iron(II) Metallomesogens Exhibiting Coupled Spin State and Liquid Crystal Phase Transitions near Room Temperature. Advanced Functional Materials, 2008, 18, 2089-2101.	7.8	87
4	X-ray study of the light-induced metastable state of a spin-crossover compound. Journal of Applied Crystallography, 2000, 33, 201-205.	1.9	61
5	Structural Investigations of Tetrazole Complexes of Iron(II). Topics in Current Chemistry, 0, , 129-153.	4.0	61
6	Synthesis, Structure and Cytotoxic Activity of New Acetylenic Derivatives of Betulin. Molecules, 2013, 18, 4526-4543.	1.7	61
7	Elbrusite-(Zr)—A new uranian garnet from the Upper Chegem caldera, Kabardino-Balkaria, Northern Caucasus, Russia. American Mineralogist, 2010, 95, 1172-1181.	0.9	45
8	Entrapment of [Ru(bpy) <sub>3</sub> ] <sup>2+</sup> in the anionic metal-organic framework: Novel photoluminescence behavior exhibiting dual emission at room temperature. Dalton Transactions, 2011, 40, 6952.	1.6	42
9	Moraskoite, Na <sub>2</sub> Mg(PO <sub>4</sub> ) <sub>4</sub> F, a new mineral from the Morasko IAB-MG iron meteorite (Poland). Mineralogical Magazine, 2015, 79, 387-398.	0.6	39
10	Silicocarnotite, Ca <sub>5</sub> [(SiO <sub>4</sub> )(PO <sub>4</sub> )](PO <sub>4</sub> ), a new „old” mineral from the Negev Desert, Israel, and the ternesite-silicocarnotite solid solution: indicators of high-temperature alteration of pyrometamorphic rocks of the Hatrurim Complex, Southern Levant. European Journal of Mineralogy, 2016, 28, 105-123.	0.4	39
11	The LIESST state of [Fe(pic) <sub>3</sub> ]Cl <sub>2</sub> .EtOH—the superstructure under continuous irradiation. Journal of Applied Crystallography, 2005, 38, 528-536.	1.9	36
12	Zinc(II) Complexes with Amino Acids for Potential Use in Dermatology: Synthesis, Crystal Structures, and Antibacterial Activity. Molecules, 2020, 25, 951.	1.7	36
13	Novel oxorhenium complexes with 2-(2-hydroxyphenyl)-2-benzothiazolinato ligand: X-ray studies, spectroscopic characterization and DFT calculations. Polyhedron, 2008, 27, 1679-1689.	1.0	35
14	Synthesis, spectroscopic characterization, X-ray structure and DFT calculations of copper(II) complex with 2-(2-pyridyl)benzimidazole. Polyhedron, 2009, 28, 1348-1354.	1.0	32
15	On the Role of Intermolecular Interactions on Structural and Spin-Crossover Properties of 2D Coordination Networks [Fe(bbtr) <sub>3</sub> ]A <sub>2</sub> (bbtr=1,4-bis(1,2,3-triazol-4-yl)butane;) Tj <a href="#">TjTQq110784314</a> 17, 6807-6820.	1.7	32
16	Spin- and phase transition in the spin crossover complex [Fe(ptz) <sub>6</sub> ](BF <sub>4</sub> ) <sub>2</sub> studied by nuclear inelastic scattering of synchrotron radiation and by DFT calculations. Chemical Physics Letters, 2006, 429, 189-193.	1.2	31
17	X-Ray Crystal Structure of Betulin-DMSO Solvate. Journal of Chemical Crystallography, 2012, 42, 345-351.	0.5	30
18	Czochralskiite, Na <sub>4</sub> Ca <sub>3</sub> Mg(PO <sub>4</sub> ) <sub>4</sub> , a second new mineral from the Morasko IAB-MG iron meteorite (Poland). European Journal of Mineralogy, 2016, 28, 969-977.	0.4	30

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19	Coordination studies of 5,6-diphenyl-3-(2-pyridyl)-1,2,4-triazine towards Cu <sup>2+</sup> cation. X-ray studies, spectroscopic characterization and DFT calculations. <i>Polyhedron</i> , 2008, 27, 2959-2967.	1.0	28
20	Variable-temperature X-ray crystal structure determinations of {Fe[tren(6-Mepy)3]}(ClO <sub>4</sub> ) <sub>2</sub> and {Zn[tren(6-Mepy)3]}(ClO <sub>4</sub> ) <sub>2</sub> compounds: correlation of the structural data with magnetic and Mössbauer spectroscopy data. <i>Journal of Applied Crystallography</i> , 2007, 40, 1135-1145.	1.9	27
21	Structural phase transition to disorder low-temperature phase in [Fe(ptz) <sub>6</sub> ](BF <sub>4</sub> ) <sub>2</sub> spin-crossover compounds. <i>Acta Crystallographica Section B: Structural Science</i> , 2012, 68, 40-56.	1.8	27
22	Elucidating the Davydov-coupling mechanism in hydrogen bond dimers: Experimental and theoretical investigation of the polarized IR spectra of 3-thiopheneacetic and 3-thiopheneacrylic acid crystals. <i>Journal of Physics and Chemistry of Solids</i> , 2015, 77, 68-84.	1.9	27
23	Linear and bent oxo-bridged dinuclear rhenium(V) complexes with terminal and bridging pyrazole ligands. <i>Inorganica Chimica Acta</i> , 2004, 357, 1011-1022.	1.2	24
24	New phosphate derivatives of betulin as anticancer agents: Synthesis, crystal structure, and molecular docking study. <i>Bioorganic Chemistry</i> , 2019, 87, 613-628.	2.0	24
25	Reactivity of [ReOX <sub>3</sub> (PPh <sub>3</sub> ) <sub>2</sub> ] and [ReOX <sub>3</sub> (AsPh <sub>3</sub> ) <sub>2</sub> ] towards 2-(2-hydroxyphenyl)-1H-benzimidazole: Synthesis, X-ray studies, spectroscopic characterization and DFT calculations for [ReOX <sub>2</sub> (hpb)(EPh <sub>3</sub> )] and [ReO(OMe)(hpb) <sub>2</sub> ]. <i>Polyhedron</i> , 2009, 28, 2949-2964.	1.0	23
26	Normal and reverse spin crossover induced by two different structural events in iron(II) coordination polymer. <i>Chemical Communications</i> , 2019, 55, 7033-7036.	2.2	23
27	THE SYNTHESIS, CRYSTAL, MOLECULAR AND ELECTRONIC STRUCTURE OF TRICHLORO(NITROSYL)BIS(TRIPHENYL-PHOSPHINE OXIDE)RHENIUM(II). <i>Journal of Coordination Chemistry</i> , 1999, 48, 125-135.	0.8	22
28	THE SYNTHESIS, CRYSTAL, MOLECULAR AND ELECTRONIC STRUCTURES OF TRIBROMO(NITROSYL)BIS(TRIPHENYLPHOSPHINE OXIDE) RHENIUM(II) AND TRIBROMO(NITROSYL)BIS(TRIPHENYLPHOSPHINE)RHENIUM(I). <i>Journal of Coordination Chemistry</i> , 2001, 52, 361-373.	0.8	22
29	Arbutin: Isolation, X-ray structure and computational studies. <i>Journal of Molecular Structure</i> , 2010, 980, 13-17.	1.8	22
30	New synthetic routes to some nitrosyl rhenium complexes. Crystal, molecular and electronic structure of [ReCl <sub>3</sub> (NO)(PPh <sub>3</sub> ) <sub>2</sub> ] and [ReCl <sub>2</sub> (CO)(NO)(PPh <sub>3</sub> ) <sub>2</sub> ] complexes. <i>Polyhedron</i> , 1999, 18, 2313-2320.	1.0	21
31	Control of the spin state by charge and ligand substitution: two-step spin crossover behaviour in a novel neutral iron(II) complex. <i>Dalton Transactions</i> , 2014, 43, 16387-16394.	1.6	21
32	Alkynyloxy derivatives of 5,8-quinolinedione: Synthesis, in vitro cytotoxicity studies and computational molecular modeling with NAD(P)H:Quinone oxidoreductase 1. <i>European Journal of Medicinal Chemistry</i> , 2017, 126, 969-982.	2.6	21
33	An isomerization <sup>1,3</sup> -dipolar cycloaddition tandem reaction towards the synthesis of 3-aryl-4-methyl-5-O-substituted isoxazolines from O-allyl compounds. <i>Tetrahedron</i> , 2012, 68, 6018-6031.	1.0	20
34	Mononuclear Complexes of Iron(II) Based on Symmetrical Tripodand Ligands: Novel Parent Systems for the Development of New Spin Crossover Metallomesogens. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 965-976.	0.6	19
35	Double spin transition in a two dimensional Fe(II) coordination network. <i>Chemical Communications</i> , 2018, 54, 3895-3898.	2.2	19
36	Biological Evaluation of 3-Benzylidenechromanones and Their Spiropyrazolines-Based Analogues. <i>Molecules</i> , 2020, 25, 1613.	1.7	19

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37	Molecular Structure, In Vitro Anticancer Study and Molecular Docking of New Phosphate Derivatives of Betulin. <i>Molecules</i> , 2021, 26, 737.	1.7	19
38	Isostructural phase transition in the spin crossover compound [Fe(dpp) <sub>2</sub> (NCS) <sub>2</sub> ] · py. <i>Zeitschrift für Kristallographie</i> , 2011, 226, 576-584.	1.1	18
39	Spontaneous magnetostriction and thermal expansibility of TmFeO <sub>3</sub> and LuFeO <sub>3</sub> rare earth orthoferrites. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 234, 443-453.	1.0	17
40	Unusual Spin Transition Behavior in 2,6-Bis((pyrazol-3-yl)-pyridine) Iron(II)-bis-oxalato-platinate(II) · 6H <sub>2</sub> O. <i>Journal of Physical Chemistry B</i> , 2007, 111, 6738-6747.	1.2	17
41	Synthesis, spectroscopic characterisation, crystal and molecular structure of [ReOBr(quin-2-c) <sub>2</sub> ] and [ReOCl(quin-2-c) <sub>2</sub> ] complexes: DFT and TD-DFT calculations for [ReOBr(quin-2-c) <sub>2</sub> ]. <i>Polyhedron</i> , 2008, 27, 187-195.	1.0	17
42	Vorlanite, (CaU <sup>6+</sup> )O <sub>4</sub> , from Jabel Harmun, Palestinian Autonomy, Israel. <i>American Mineralogist</i> , 2013, 98, 1938-1942.	0.9	17
43	Crystal-Structure Studies of Mononuclear Iron(II) Complexes with Two-Step Spin Crossover: [Fe{5-NO <sub>2</sub> -sal-N(1,4,7,10)}] Revisited. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 832-842.	1.0	17
44	Synthesis, Structure and Cytotoxic Activity of Mono- and Dialkoxy Derivatives of 5,8-Quinolinedione. <i>Molecules</i> , 2016, 21, 156.	1.7	17
45	New Acetylenic Amine Derivatives of 5,8-Quinolinediones: Synthesis, Crystal Structure and Antiproliferative Activity. <i>Crystals</i> , 2017, 7, 15.	1.0	17
46	The deformation tensor $\hat{\alpha}^{\check{S}}$ of the spin transition in the mixed crystal [Fe <sub>0.46</sub> Zn <sub>0.54</sub> (ptz) <sub>6</sub> ](BF <sub>4</sub> ) <sub>2</sub> . <i>Journal of Applied Crystallography</i> , 2004, 37, 589-595.	1.9	16
47	Reactivity of oxorhenium(V) complexes towards quinoline carboxylic acids. X-ray structure of [ReOCl <sub>2</sub> (hquin-7-COOH)(PPh <sub>3</sub> )] · OPPh <sub>3</sub> , [ReOBr <sub>2</sub> (hquin-7-COOH)(PPh <sub>3</sub> )] and [ReOX <sub>2</sub> (hmquin-7-COOH)(PPh <sub>3</sub> )]. DFT and TD-DFT calculations for [ReOCl <sub>2</sub> (hquin-7-COOH)(PPh <sub>3</sub> )]. <i>Polyhedron</i> , 2008, 27, 1121-1130.	1.0	16
48	Comparison of magnetic and transport properties of Gd <sub>6</sub> YPd <sub>3</sub> and Gd <sub>7</sub> Pd <sub>3</sub> single crystals. <i>Journal of Alloys and Compounds</i> , 2008, 460, 1-7.	2.8	16
49	Preparation, Crystal Structure and Explosive Properties of Copper(II) Perchlorate Complex with 4-Amino-1,2,4-Triazole and Water. <i>Propellants, Explosives, Pyrotechnics</i> , 2011, 36, 151-159.	1.0	16
50	Synthesis, crystal structure and infrared spectra of new 6- and 7-propylamine-5,8-quinolinediones. <i>Journal of Molecular Structure</i> , 2014, 1067, 160-168.	1.8	16
51	Spectroscopic characterization and crystal structures of two cathinone derivatives: N-ethyl-2-amino-1-phenylpropan-1-one (ethcathinone) hydrochloride and N-ethyl-2-amino-1-(4-chlorophenyl)propan-1-one (4-CEC) hydrochloride. <i>Forensic Toxicology</i> , 2017, 35, 114-124.	1.4	16
52	Reactivity of [ReOX <sub>3</sub> (AsPh <sub>3</sub> ) <sub>2</sub> ] (X=Cl, Br) complexes towards gaseous nitric oxide.. <i>Polyhedron</i> , 2002, 21, 2617-2629.	1.0	15
53	X-ray structure, spectroscopic characterisation and DFT calculations of the [Re(CO) <sub>3</sub> (dppt)Cl] complex. <i>Polyhedron</i> , 2007, 26, 1590-1596.	1.0	15
54	Synthesis, crystal structure, magnetic properties and EPR studies of Cu/Hg bimetallic thiocyanato-bridged coordination polymer. <i>Inorganica Chimica Acta</i> , 2009, 362, 1369-1373.	1.2	15

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55	Synthesis, spectroscopic characterization, crystal and molecular structure of [ReOBr(hmqin-7-COOH) <sub>2</sub> ] and [ReOCl(hmqin-7-COOH) <sub>2</sub> ] $\cdot$ MeCN complexes. DFT and TD-DFT calculations for [ReOBr(hmqin-7-COOH) <sub>2</sub> ]. Polyhedron, 2009, 28, 493-500.	1.0	15
56	Novel oxorhenium complexes with 2-(2-hydroxy-5-methylphenyl)benzotriazolato ligand. X-ray studies, spectroscopic characterization and DFT calculations. Polyhedron, 2009, 28, 1211-1220.	1.0	15
57	Nitrile-Rich Coordination Polymer $[Fe(CH_3)_3CN]_4(pyrazine)(ClO_4)_2$ Exhibiting a HS $\leftrightarrow$ LS Transition. Inorganic Chemistry, 2010, 49, 11267-11269.		15
58	X-Ray Diffraction and Infrared Spectroscopy of N,N- Dimethylformamide and Dimethyl Sulfoxide Solvatomorphs of Betulonic Acid. Journal of Pharmaceutical Sciences, 2012, 101, 4458-4471.	1.6	15
59	Two-Step Spin Transition in an Iron(II) Coordination Network Based on Flexible Bitopic Ligand 1-(Tetrazol-1-yl)-3-(1,2,3-triazol-1-yl)propane. European Journal of Inorganic Chemistry, 2013, 2013, 884-893.	1.0	15
60	Synthesis, spectroscopy and computational studies of selected hydroxyquinolines and their analogues. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 117, 351-359.	2.0	15
61	Mayenite supergroup, part IV: Crystal structure and Raman investigation of Al-free eltyubuite from the Shadil-Khokh volcano, Kel' Plateau, Southern Ossetia, Russia. European Journal of Mineralogy, 2015, 27, 137-143.	0.4	15
62	Title is missing!. Transition Metal Chemistry, 2003, 28, 939-947.	0.7	14
63	Seven-coordinate rhenium(III) complexes of 1-(2-pyridylazo)-2-naphtholate: X-ray studies, spectroscopic characterization and DFT calculations. Polyhedron, 2008, 27, 3013-3019.	1.0	14
64	Synthesis, spectroscopy and computational studies of some biologically important hydroxyhaloquinolines and their novel derivatives. Journal of Molecular Structure, 2010, 969, 130-138.	1.8	14
65	Heterobimetallic Cu(II)-Hg(II) polynuclear complexes containing Hg(SCN) <sub>4</sub> unit. Synthesis, spectroscopic investigations, X-ray studies and magnetic properties. Polyhedron, 2010, 29, 2023-2032.	1.0	14
66	Influence of conformational changes on spin crossover properties and superstructure formation in 2D coordination polymers [Fe(hbtz) <sub>2</sub> (RCN) <sub>2</sub> ](ClO <sub>4</sub> ) <sub>2</sub> . Dalton Transactions, 2015, 44, 18563-18575.	1.6	14
67	Synthesis, structure and cytotoxic activity of acetylenic derivatives of betulonic and betulinic acids. Journal of Molecular Structure, 2016, 1106, 210-219.	1.8	14
68	Synthesis, Spectroscopic Analysis and Assessment of the Biological Activity of New Hydrazine and Hydrazide Derivatives of 3-Formylchromone. Molecules, 2018, 23, 2067.	1.7	14
69	Oxorhenium complexes with the 8-quinolinolato ligand. X-ray structure and DFT calculations for [ReOX <sub>2</sub> (hqn)(AsPh <sub>3</sub> )] and [ReOX <sub>2</sub> (hqn)(PPh <sub>3</sub> )] complexes. Polyhedron, 2007, 26, 2837-2844.	1.0	13
70	New oxorhenium complexes with 2-(2-hydroxyphenyl)-2-benzoxazolinato ligand. X-ray structure and DFT calculations for [ReOX <sub>2</sub> (hbo)(AsPh <sub>3</sub> )] and [ReOX <sub>2</sub> (hbo)(PPh <sub>3</sub> )] complexes. Polyhedron, 2007, 26, 3455-3464.	1.0	13
71	Iron(II) Spin Transition Complexes with Dendritic Ligands, Part I. European Journal of Inorganic Chemistry, 2008, 2008, 1613-1622.	1.0	13
72	Reactivity of oxorhenium(V) complexes towards 8-hydroxyquinoline-2-carboxylic acid: X-ray structure of [ReOCl <sub>2</sub> (hquin-2-COOH)(AsPh <sub>3</sub> )] $\cdot$ MeCN and [ReOCl <sub>2</sub> (hquin-2-COOH)(PPh <sub>3</sub> )] $\cdot$ MeCN complexes. DFT and TDDFT calculations for [ReOCl <sub>2</sub> (hquin-2-COOH)(AsPh <sub>3</sub> )]. Polyhedron, 2008, 27, 366-374.	1.0	13

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73	Effects of Dynamical Couplings in IR Spectra of the Hydrogen Bond in N-Phenylacrylamide Crystals. <i>Journal of Physical Chemistry A</i> , 2011, 115, 4202-4213.	1.1	13
74	Structural, vibrational and quantum chemical investigations for 6,7-dichloro-2-methyl-5,8-quinolinedione. Cytotoxic and molecular docking studies. <i>Journal of Molecular Structure</i> , 2018, 1168, 73-83.	1.8	13
75	Synthesis, Spectroscopy, Light Stability, Single-Crystal Analysis, and In Vitro Cytotoxic Activity on HepG2 Liver Cancer of Two Novel Silver(I) Complexes of Miconazole. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3629.	1.8	13
76	The reactivity of mer-[ReOBr <sub>3</sub> (bipy)] towards gaseous nitric oxide. The crystal, molecular and electronic structure of mer-[ReOBr <sub>3</sub> (bipy)] and [ReBr <sub>4</sub> (bipy)]. <i>Polyhedron</i> , 2003, 22, 2573-2580.	1.0	12
77	Oxorhenium(V) complexes with 2-(1-H-pyrazol-3-yl)phenolato ligand. X-ray structures of [ReOCl <sub>2</sub> (C <sub>9</sub> H <sub>7</sub> N <sub>2</sub> O)(PPh <sub>3</sub> )]·MeCN and [ReOX <sub>2</sub> (C <sub>9</sub> H <sub>7</sub> N <sub>2</sub> O)(AsPh <sub>3</sub> )]·MeCN (X=Cl, Br) complexes. DFT and TD-DFT calculations for [ReOCl <sub>2</sub> (C <sub>9</sub> H <sub>7</sub> N <sub>2</sub> O)(PPh <sub>3</sub> )]. <i>Polyhedron</i> , 2008, 27, 923-932.	1.0	12
78	Tricarbonyl rhenium complexes of bis(pyrazol-1-yl)methane and bis(3,5-dimethylpyrazol-1-yl)methane. Synthesis, spectroscopic characterization, X-ray structure and DFT calculations. <i>Polyhedron</i> , 2008, 27, 1767-1778.	1.0	12
79	Spin-glass-like behaviour in tin doped ZnCr <sub>2</sub> Se <sub>4</sub> single crystals. <i>Journal of Alloys and Compounds</i> , 2015, 635, 238-244.	2.8	12
80	Spectroscopic and crystallographic characterization of two cathinone derivatives: 1-(4-fluorophenyl)-2-(methylamino)pentan-1-one (4-FPD) hydrochloride and 1-(4-methylphenyl)-2-(ethylamino)pentan-1-one (4-MEAP) hydrochloride. <i>Forensic Toxicology</i> , 2018, 36, 141-150.	1.4	12
81	Aromatic C-H...O and parallel aromatic...aromatic interactions in the crystal structure of meso-tetrakis[4-(benzyloxy)phenyl]porphyrin. <i>Journal of Chemical Crystallography</i> , 2020, 50, 21-27.	0.5	12
82	Synthesis, crystal, molecular, and electronic structure of [ReOCl <sub>3</sub> (bpzm)] complex. <i>Polyhedron</i> , 2007, 26, 2581-2588.	1.0	11
83	Novel rhenium(III) complexes with 5,6-diphenyl-3-(2-pyridyl)-1,2,4-triazine: X-ray structures and DFT calculations for [ReCl <sub>3</sub> (OPPh <sub>3</sub> )(dppt)] and [ReCl <sub>3</sub> (PPh <sub>3</sub> )(dppt)] complexes. <i>Polyhedron</i> , 2007, 26, 4427-4435.	1.0	11
84	Synthesis, spectroscopic characterization, crystal and molecular structure of [ReOX <sub>2</sub> (bopyH)(PPh <sub>3</sub> )] complexes: DFT calculations for [ReOCl <sub>2</sub> (bopyH)(PPh <sub>3</sub> )]. <i>Polyhedron</i> , 2008, 27, 1262-1269.	1.0	11
85	Synthesis, spectroscopic characterization, X-ray structure and DFT calculations of rhenium(III) complex with 1-isoquinolinyl phenyl ketone. <i>Polyhedron</i> , 2008, 27, 1739-1746.	1.0	11
86	An anomalous linear dichroic effect in the polarized IR spectra of 2-furancarboxylic acid crystals: Proton transfer induced by co-operative interactions involving hydrogen bonds. <i>Vibrational Spectroscopy</i> , 2009, 49, 174-182.	1.2	11
87	X-ray studies, spectroscopic characterization and DFT calculations for Mn(II), Ni(II) and Cu(II) complexes with 2-benzoylpyridine. <i>Polyhedron</i> , 2011, 30, 410-418.	1.0	11
88	How Nonequivalency of the Flexibility of the Ligand Bridges Leads to Anisotropy of Perturbation Transmission in a 3D Spin-Crossover Coordination Network. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 875-883.	1.0	11
89	Preparation of 2-phenyl-3-hydroxyquinoline-4(1H)-one-5-carboxamides as potential anticancer and fluorescence agents. <i>RSC Advances</i> , 2015, 5, 48861-48867.	1.7	11
90	Phosphorescence of a ruthenium(II) hydride-carbonyl complex with 3-hydroxy-2-quinoxalinecarboxylic acid as a co-ligand. <i>Mendeleev Communications</i> , 2015, 25, 103-105.	0.6	11

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91	Solventless synthesis, morphology, structure and magnetic properties of iron oxide nanoparticles. <i>Solid State Sciences</i> , 2017, 74, 62-69.	1.5	11
92	Two polymorphs of anhydrous 4-pyridone at 100 K. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008, 64, o661-o664.	0.4	10
93	Synthesis, spectroscopic characterization, X-ray structure and DFT calculations of five-coordinated chlorocopper(II) complex with bis(3,5-dimethylpyrazol-1-yl)methane. <i>Polyhedron</i> , 2008, 27, 2513-2518.	1.0	10
94	Synthesis, spectroscopic characterization, X-ray structure and DFT calculations of [Re(CO)3L2Cl] (L=1,2,4-triazolo-[1,5-a]pyrimidine). <i>Polyhedron</i> , 2009, 28, 2571-2578.	1.0	10
95	Crystal structure of betulinic acid-DMSO solvate. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2012, 227, 379-384.	0.4	10
96	Mayenite supergroup, part II: Chlorkyuygenite from Upper Chegem, Northern Caucasus, Kabardino-Balkaria, Russia, a new microporous mineral with zeolitic H <sub>2</sub> O. <i>European Journal of Mineralogy</i> , 2015, 27, 113-122.	0.4	10
97	p-Tolyimido rhenium(III) complexes with phenolate-based ligands: synthesis, X-ray studies and catalytic activity in oxidation with tert-butylhydroperoxide. <i>Dalton Transactions</i> , 2016, 45, 334-351.	1.6	10
98	Iron(II) Spin-Transition Complexes with Dendritic Ligands, Part II. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3930-3941.	1.0	9
99	Novel rhenium oxocomplexes of 2-hydroxymethylbenzimidazole. Synthesis, X-ray studies, spectroscopic characterization and DFT calculations. <i>Polyhedron</i> , 2010, 29, 1619-1629.	1.0	9
100	Synthesis, spectroscopy and computational studies of some novel phosphorylated derivatives of quinoline-5,8-diones. <i>Journal of Molecular Structure</i> , 2011, 986, 39-48.	1.8	9
101	Evidence of Ligand Elasticity Occurring in Temperature, Light, and Pressure-Induced Spin Crossover in 1D Coordination Polymers [Fe(3ditz) <sub>3</sub> ] <sub>2</sub> X <sub>2</sub> (X = ClO <sub>4</sub> <sup>-</sup> ), <i>Inorg Chem</i> , 2011, 50, 7843-7851.	1.0	9
102	Polymorphs of oxindole as the core structures in bioactive compounds. <i>CrystEngComm</i> , 2018, 20, 1739-1745.	1.3	9
103	Sliding Polymeric Layers and Anion Displacement Coupled with Spin Crossover in Two-Dimensional Networks of [Fe(hbtz) <sub>2</sub> (CH <sub>3</sub> CN) <sub>2</sub> ](BF <sub>4</sub> ) <sub>2</sub> . <i>Chemistry - A European Journal</i> , 2019, 25, 2250-2261.	1.7	9
104	Synthesis, Electrochemical and Spectroscopic Characterization of Selected Quinolinecarbaldehydes and Their Schiff Base Derivatives. <i>Molecules</i> , 2020, 25, 2053.	1.7	9
105	Reactivity of [ReOX <sub>3</sub> (PPh <sub>3</sub> ) <sub>2</sub> ] complexes towards pyridazine. X-ray structures of [ReOCl <sub>2</sub> ] <sub>2</sub> (1/4-O)(1/4-pyd) <sub>2</sub> ·C <sub>6</sub> H <sub>6</sub> and [ReOBr <sub>2</sub> ] <sub>2</sub> (1/4-O)(1/4-pyd) <sub>2</sub> ·CH <sub>3</sub> CN, and DFT calculations for [ReOCl <sub>2</sub> ] <sub>2</sub> (1/4-O)(1/4-pyd) <sub>2</sub> . <i>Polyhedron</i> , 2007, 26, 3054-3062.	1.0	8
106	Novel dioxorhenium complex with bis(3,5-dimethylpyrazol-1-yl)methane ligand. Synthesis, spectroscopic characterization, X-ray structure and DFT calculations. <i>Polyhedron</i> , 2008, 27, 797-804.	1.0	8
107	Novel rhenium(III) complexes with the picolinate ligand: Synthesis, spectroscopic investigations, X-ray structures and DFT calculations for [ReX <sub>2</sub> (pic)(PPh <sub>3</sub> ) <sub>2</sub> ] complexes. <i>Polyhedron</i> , 2009, 28, 2377-2384.	1.0	8
108	Coordination chemistry of di-2-pyridylketone. Synthesis, spectroscopic investigations, X-ray studies and DFT calculations of Re(III) and Re(V) complexes. <i>Polyhedron</i> , 2009, 28, 2821-2830.	1.0	8

#	ARTICLE	IF	CITATIONS
109	Single and double crown macrocyclic derivatives of cyclotriphosphazene as receptors of silver( $\text{Ag}^+$ ) ions. <i>RSC Advances</i> , 2015, 5, 38435-38442.	1.7	8
110	Structural determinants influencing halogen bonding: a case study on azinesulfonamide analogs of aripiprazole as 5-HT <sub>1A</sub> , 5-HT <sub>7</sub> , and D <sub>2</sub> receptor ligands. <i>Chemistry Central Journal</i> , 2018, 12, 55.	2.6	8
111	Structural and spectral characterisation of 2-amino-2H-[1,2,3]triazolo[4,5-g]quinoline-4,9-dione polymorphs. Cytotoxic activity and molecular docking study with NQO1 enzyme. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 230, 118038.	2.0	8
112	Reversal of exciton coupling effect in the IR spectra of the hydrogen bond cyclic dimers; polarized IR spectra of 3-hydroxy-4-methyl-2(3H)-thiazolethione crystals. <i>Vibrational Spectroscopy</i> , 2007, 44, 108-120.	1.2	7
113	A novel tricarbonyl rhenium complex of 2-thienyl-N,N-bis(2-thienylmethylene)methanediamine: X-ray structure, spectroscopic characterisation and DFT calculations. <i>Polyhedron</i> , 2007, 26, 2543-2549.	1.0	7
114	Attempts of synthesis of Hg(SCN) <sub>4</sub> -based coordination polymers in conjunction with [Cu(L) <sub>2</sub> ] <sup>2+</sup> building blocks. <i>Polyhedron</i> , 2010, 29, 2157-2165.	1.0	7
115	The crystal structure and spectroscopic properties of catena-(2-methylimidazolium) Tj ETQq1 1 0.784314 rgBT / Overlock 10,7f 50 50	0.4	7
116	Spectroscopic characterization and crystal structures of four hydrochloride cathinones: N-ethyl-2-amino-1-phenylhexan-1-one (hexen, NEH), N-methyl-2-amino-1-(4-methylphenyl)-3-methoxypropan-1-one (mexedrone), N-ethyl-2-amino-1-(3,4-methylenedioxyphenyl)pentan-1-one (ephylone) and N-butyl-2-amino-1-(4-chlorophenyl)propan-1-one (4-chlorobutylcathinone). <i>Forensic Toxicology</i> , 2019, 37, 456-464.	1.4	7
117	Solventless synthesis and characterization of $\text{Fe}^{\pm 2}$ -Fe, $\text{Fe}^{\pm 3}$ -Fe, magnetite and hematite using iron(III)citrate. <i>Solid State Sciences</i> , 2019, 95, 105932.	1.5	7
118	Two ways of spin crossover in an iron( $\text{Fe}^{\pm 2}$ ) coordination polymer associated with conformational changes of a bridging ligand. <i>Dalton Transactions</i> , 2020, 49, 9811-9819.	1.6	7
119	Multifunctional Silver(I) Complexes with Metronidazole Drug Reveal Antimicrobial Properties and Antitumor Activity against Human Hepatoma and Colorectal Adenocarcinoma Cells. <i>Cancers</i> , 2022, 14, 900.	1.7	7
120	Synthesis and spectroscopic investigation of the pyrazole complexes. The X-ray structure of [ReOBr <sub>3</sub> (OAsPh <sub>3</sub> )(pzH)]. <i>Inorganic Chemistry Communication</i> , 2003, 6, 1436-1440.	1.8	6
121	A novel terpyridyl rhenium(II) complex: Synthesis, spectroscopic characterization and X-ray structure. <i>Inorganic Chemistry Communication</i> , 2007, 10, 918-920.	1.8	6
122	Synthesis, spectroscopic characterization, X-ray structure and DFT calculations of rhenium(III) complex with bis(3,5-dimethylpyrazol-1-yl)methane. <i>Structural Chemistry</i> , 2008, 19, 165-170.	1.0	6
123	Mono- and di-nuclear oxorhenium(V) complexes of 4,7-diphenyl-1,10-phenanthroline. <i>Polyhedron</i> , 2009, 28, 3999-4009.	1.0	6
124	Dzhuluite, Ca <sub>3</sub> SbSnFe <sub>3</sub> +3O <sub>12</sub> , a new bitikleite-group garnet from the Upper Chegem Caldera, Northern Caucasus, Kabardino-Balkaria, Russia. <i>European Journal of Mineralogy</i> , 2013, 25, 231-239.	0.4	6
125	Comparative study of the microstructural and magnetic properties of fly ashes obtained from different thermal power plants in West Bengal, India. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 8673-8683.	1.3	6
126	H/D isotopic recognition and temperature effects in IR spectra of hydrogen-bonded cyclic dimers in crystals: 3-Methylcinnamic acid and 4-phenylbutyric acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 134, 592-597.	2.0	6



#	ARTICLE	IF	CITATIONS
127	Chlorellestadite, Ca <sub>5</sub> (SiO <sub>4</sub> ) <sub>1.5</sub> (SO <sub>4</sub> ) <sub>1.5</sub> Cl, a new ellestadite-group mineral from the Shadil-Khokh volcano, South Ossetia. <i>Mineralogy and Petrology</i> , 2018, 112, 743-752.	0.4	6
128	Spectroscopic characterization and crystal structures of two cathinone derivatives: 1-(4-chlorophenyl)-2-(1-pyrrolidinyl)-pentan-1-one (4-chloro- $\pm$ -PVP) sulfate and 1-(4-methylphenyl)-2-(dimethylamino)-propan-1-one (4-MDMC) hydrochloride salts, seized on illicit drug market. <i>Forensic Toxicology</i> , 2018, 36, 178-184.	1.4	6
129	Spatiotemporal Studies of the One-Dimensional Coordination Polymer [Fe(ebtz) <sub>2</sub> (C <sub>2</sub> H <sub>5</sub> CN) <sub>2</sub> ](BF <sub>4</sub> ) <sub>2</sub> : Tug of War between the Nitrile Reorientation Versus Crystal Lattice as a Tool for Tuning the Spin Crossover Properties**. <i>Chemistry - A European Journal</i> , 2020, 26, 14419-14434.	1.7	6
130	Synthesis, Spectroscopy, Single-Crystal Structure Analysis and Antibacterial Activity of Two Novel Complexes of Silver(I) with Miconazole Drug. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1510.	1.8	6
131	The Molecular and Electronic Structure of [ReOX <sub>3</sub> (AsPh <sub>3</sub> )(OAsPh <sub>3</sub> )] Complexes (X = Cl, Br). <i>Journal of Coordination Chemistry</i> , 2002, 55, 1315-1325.	0.8	5
132	The synthesis, spectroscopic investigation, crystal and molecular structure of [ReCl <sub>3</sub> (MeCN)(dppe)] complex. <i>Inorganic Chemistry Communication</i> , 2003, 6, 786-789.	1.8	5
133	Anomalies in low-temperature lattice parameters of ErFeO <sub>3</sub> and ErAlO <sub>3</sub> single crystals: correlation with magnetic properties. <i>Solid State Communications</i> , 2005, 134, 277-281.	0.9	5
134	A novel oxo-bridged rhenium complex with Re centers in different coordination environments " Synthesis, spectroscopic characterization and X-ray structure. <i>Inorganic Chemistry Communication</i> , 2007, 10, 494-497.	1.8	5
135	The orthorhombic polymorph of pyrazine-2-carboxylic acid revisited. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3300-o3300.	0.2	5
136	Thioacetanilide at 120 K. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008, 64, o411-o413.	0.4	5
137	3-Methylacetanilide and <i>N</i> -benzylthioacetamide at low temperature. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008, 64, o599-o603.	0.4	5
138	Structural changes at the Verwey transition in Fe <sub>3</sub> O <sub>4</sub> . <i>Radiation Physics and Chemistry</i> , 2009, 78, S93-S96.	1.4	5
139	2-Methyl- and 2-Dimethylaminoquino[4,3- <i>e</i> ]-1,2,4-thiadiazine 4,4-Dioxides " Synthesis, Structure and N-Methylation. <i>Heterocycles</i> , 2010, 81, 1799.	0.4	5
140	Synthesis, crystal structure, spectroscopic, and magnetic properties of a manganese(II) methoxyacetate complex [Mn(C <sub>6</sub> O <sub>6</sub> H <sub>10</sub> )(H <sub>2</sub> O)] <sub>n</sub> . <i>Journal of Coordination Chemistry</i> , 2010, 63, 67-78.	0.8	5
141	High-pressure crystallization of 1-methyl-3-trimethylsilylmethylimidazolium tetrafluoroborate ionic liquid. <i>Chemical Physics Letters</i> , 2012, 546, 150-152.	1.2	5
142	Synthesis, crystal structures and spectroscopic properties of cobalt(II) complexes with chelating sulfonylamidophosphate ligands. <i>Journal of Molecular Structure</i> , 2015, 1100, 145-149.	1.8	5
143	Magnetic Properties of CdMoO <sub>4</sub> :Dy <sup>3+</sup> Single Crystal. <i>Solid State Phenomena</i> , 2016, 257, 107-110.	0.3	5
144	Insight into hydrogen bonding of terephthalamides with amino acids: Synthesis, structural and spectroscopic investigations. <i>Tetrahedron</i> , 2017, 73, 2901-2912.	1.0	5

#	ARTICLE	IF	CITATIONS
145	Different route of hydroxide incorporation and thermal stability of new type of water clathrate: X-ray single crystal and Raman investigation. <i>Scientific Reports</i> , 2017, 7, 9046.	1.6	5
146	Interaction of Arylidenechromanone/Flavanone Derivatives with Biological Macromolecules Studied as Human Serum Albumin Binding, Cytotoxic Effect, Biocompatibility Towards Red Blood Cells. <i>Molecules</i> , 2018, 23, 3172.	1.7	5
147	Crystal structures and other properties of ephedrone (methcathinone) hydrochloride, N-acetyephedrine and N-acetyephedrone. <i>Forensic Toxicology</i> , 2019, 37, 224-230.	1.4	5
148	Calciolangbeinite- <i>O</i> , a natural orthorhombic modification of $K_2Ca_2(SO_4)_3$ , and the langbeinite-calcio-langbeinite solid-solution system. <i>Mineralogical Magazine</i> , 2022, 86, 557-569.	0.6	5
149	Crystal, molecular and electronic structure of $[ReCl_2(\bar{I}-N_2COPh^{\ominus}Na^{\oplus},O)(PPh_3)_2]$ . <i>Journal of Coordination Chemistry</i> , 2008, 61, 1066-1077.	0.8	4
150	Synthesis, spectroscopic characterization, X-ray structure, and DFT calculations of $[ReOBr_2(hmqin-7-COOH)(AsPh_3)]$ . <i>Structural Chemistry</i> , 2009, 20, 361-368.	1.0	4
151	Nucleophilic addition of water to 1-isoquinoliny phenyl ketone. The synthesis, spectroscopic investigation, crystal and molecular structure and DFT calculations of $[ReOBr_2(iquinpk-OH)(PPh_3)]$ . <i>Inorganic Chemistry Communication</i> , 2009, 12, 789-792.	1.8	4
152	Pyrido- and Quino-1,2,4-thiadiazine S,S-Dioxides from Reactions of 4-Chloro-3-pyridinesulfonyl- and 4-Chloro-3-quinolinesulfonyl Chlorides with O-Methylisourea. <i>Heterocycles</i> , 2011, 83, 1819.	0.4	4
153	X-ray analysis at 150ÅK, synthesis and theoretical calculations of 1-naphthaleneacrylic acid. <i>Structural Chemistry</i> , 2012, 23, 325-332.	1.0	4
154	Lup-20(29)-en-28-ol-3-one (betulone). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o795-o796.	0.2	4
155	Spectroscopic and thermal studies on 2- and 4-phenyl-1 H-imidazoles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 183, 378-386.	2.0	4
156	Growth, structure and characterization of physico-chemical and magnetic properties of CdCr <sub>2</sub> Se <sub>4</sub> :Mn single crystals. <i>Journal of Alloys and Compounds</i> , 2018, 735, 480-488.	2.8	4
157	The cytotoxic effect of Ru(II) complexes with 5-(2-hydroxyphenyl)-3-methyl-1-(2-pyridyl)-1H-pyrazole-4-carboxylic acid methyl ester: Synthesis, X-ray structure and DNA damage potential. <i>Polyhedron</i> , 2019, 169, 228-238.	1.0	4
158	Spectroscopic and crystallographic characterization of a new cathinone derivative: 1-phenyl-2-(butylamino)hexan-1-one hydrochloride (N-butylhexedrone). <i>Forensic Toxicology</i> , 2020, 38, 481-489.	1.4	4
159	Role of intermolecular interactions and conformational changes in the polymorphism and vitrification process of 2,2-bis-substituted <i>para</i> -terphenyls. <i>CrystEngComm</i> , 2020, 22, 3164-3178.	1.3	4
160	Amino- and polyaminophthalazin-1(2 <i>H</i> )-ones: synthesis, coordination properties, and biological activity. <i>Beilstein Journal of Organic Chemistry</i> , 2021, 17, 558-568.	1.3	4
161	Study of the Structure, Magnetic, Thermal and Electrical Characterisation of ZnCr <sub>2</sub> Se <sub>4</sub> : Ta Single Crystals Obtained by Chemical Vapour Transport. <i>Materials</i> , 2021, 14, 2749.	1.3	4
162	The Synthesis, Crystal, Molecular and Electronic Structure of $[ReCl_2(NO)(py)_3]$ . <i>Journal of Coordination Chemistry</i> , 2003, 56, 417-425.	0.8	3

#	ARTICLE	IF	CITATIONS
163	A novel rhenium(III) complex with bis(pyrazol-1-yl)methane: X-ray structure and DFT calculations for [ReCl <sub>3</sub> (bpzm)(PPh <sub>3</sub> )]. <i>Polyhedron</i> , 2007, 26, 4833-4840.	1.0	3
164	<i>N</i> -( <i>p</i> -Tolyl)thioacetamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3917-o3917.	0.2	3
165	Low-temperature study of 3-acetylindole at 110 K. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008, 64, o398-o401.	0.4	3
166	Diaquadichloridobis(1H-imidazole)manganese(II) at 100 K. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2009, 65, m215-m218.	0.4	3
167	Synthesis, spectroscopic characterization, X-ray structure and magnetic properties of [Cu(hmqin-7-COOH) <sub>2</sub> (MeOH)] complex. <i>Polyhedron</i> , 2009, 28, 3774-3780.	1.0	3
168	Synthesis, X-ray structure and antiproliferative activity of 3-benzylthio-4-propargylselenoquinoline. <i>Medicinal Chemistry Research</i> , 2010, 19, 551-564.	1.1	3
169	Cu(N <sup>+</sup> N)Cl <sub>2</sub> and Cu(N <sup>+</sup> N)Cl <sub>2</sub> and HgCl <sub>2</sub> building blocks in the synthesis of coordination compounds—X-ray studies and magnetic properties. <i>Journal of Solid State Chemistry</i> , 2010, 183, 2012-2020.	1.4	3
170	Quinoline-8-sulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2826-o2826.	0.2	3
171	Quinoline-2-sulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1357-o1358.	0.2	3
172	Kinetics Study of the Solid State Reaction of Iron(III)Citrate Leading to Hematite Nanoparticles. <i>Current Physical Chemistry</i> , 2019, 8, 290-302.	0.1	3
173	Qatranaitite, CaZn <sub>2</sub> (OH) <sub>6</sub> ·2H <sub>2</sub> O: a new mineral from altered pyrometamorphic rocks of the Hatrurim Complex, Daba-Siwaqa, Jordan. <i>European Journal of Mineralogy</i> , 2019, 31, 575-584.	0.4	3
174	Synthesis, crystal structure and characterization of monocrystalline ZnCr <sub>2</sub> Se <sub>4</sub> doped with neodymium. <i>Journal of Solid State Chemistry</i> , 2020, 292, 121661.	1.4	3
175	Single crystal X-ray structure determination and temperature-dependent structural studies of the smectogenic compound 7OS5. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020, 76, 1128-1135.	0.5	3
176	The synthesis, spectroscopic investigation, crystal and molecular structure of the [ReBrCl <sub>2</sub> (SbPh <sub>3</sub> ) <sub>3</sub> ] complex. <i>Inorganic Chemistry Communication</i> , 2003, 6, 859-863.	1.8	2
177	Long Range Ordering in Spin Crossover Compounds. <i>Solid State Phenomena</i> , 2007, 130, 199-202.	0.3	2
178	<i>N</i> -( <i>m</i> -Tolyl)thioacetamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o4161-o4161.	0.2	2
179	Hydrogen-bonding interactions in (3,4-dimethoxyphenyl)acetic acid monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008, 64, o357-o360.	0.4	2
180	Synthesis, spectroscopic investigation, structural characterization and DFT calculation of the complexes [ReX <sub>2</sub> (N <sub>2</sub> COPH)(4-PhPyr)(PPh <sub>3</sub> ) <sub>2</sub> ] (X=Cl,Br). <i>Polyhedron</i> , 2010, 29, 2629-2636.	1.0	2

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181	Synthesis, characterization and molecular structure of Re(III) complexes containing 2-benzoylpyridine. <i>Inorganic Chemistry Communication</i> , 2010, 13, 231-235.	1.8	2
182	High Temperature Study of Metamict Steenstrupine. <i>Solid State Phenomena</i> , 2010, 163, 253-255.	0.3	2
183	6-Chloro-2-oxindole: X-ray and DFT-calculated study. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2011, 67, o413-o416.	0.4	2
184	meso-5,10,15,20-Tetrakis(4-hydroxy-3-methoxyphenyl)porphyrin propionic acid monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2797-o2798.	0.2	2
185	Structural phase transition and related electronic properties in quasi-one-dimensional (NbSe <sub>4</sub> ) <sub>10/3</sub> I. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2013, 69, 229-237.	0.5	2
186	The relationship between Hirshfeld potential and cytotoxic activity: a study along a series of flavonoid and chromanone derivatives. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2020, 76, 723-733.	0.2	2
187	Levulinic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1406-o1406.	0.2	2
188	Study of 2-aminoquinolin-4(1H)-one under Mannich and retro-Mannich reaction. <i>PLoS ONE</i> , 2017, 12, e0175364.	1.1	2
189	Interactions in flavanone and chalcone derivatives: Hirshfeld surface analysis, energy frameworks and global reactivity descriptors. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2020, 76, 212-224.	0.2	2
190	Crystallographic characterization of three cathinone hydrochlorides new on the NPS market: 1-(4-methylphenyl)-2-(pyrrolidin-1-yl)hexan-1-one (4-MPHP), 4-methyl-1-phenyl-2-(pyrrolidin-1-yl)pentan-1-one (1±-PiHP) and 2-(methylamino)-1-(4-methylphenyl)pentan-1-one (4-MPD). <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2022, 78, 56-62.	0.2	2
191	Single crystal-to-single crystal transformation “ from two distinct to three distinct spin crossover centers in 2D coordination polymer [Fe(bbtr) <sub>3</sub> ](CF <sub>3</sub> SO <sub>3</sub> ) <sub>2</sub> . <i>Dalton Transactions</i> , 2022, 51, 958-968.	1.6	2
192	<i>N</i> -Methylthiobenzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o4030-o4030.	0.2	1
193	Redetermination of trans-1 <sup>2</sup> -hydromuconic acid. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008, 64, o459-o462.	0.4	1
194	Synthesis, spectroscopic characterization, X-ray structure and DFT calculations of [ReOCl <sub>2</sub> (8-Sqn)(OPPh <sub>3</sub> )]. <i>Structural Chemistry</i> , 2009, 20, 911-918.	1.0	1
195	Quinolin-6-ol at 100 K. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2009, 65, o66-o69.	0.4	1
196	Spin State Transition Studied by Means of Optical Microscope. <i>Solid State Phenomena</i> , 2010, 163, 46-50.	0.3	1
197	High Temperature Study of Metamict Rinkite. <i>Solid State Phenomena</i> , 2013, 203-204, 331-334.	0.3	1
198	Polymorphic forms of lupane triterpenoid betulonic aldehyde (betulonal). <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 847-851.	0.2	1

#	ARTICLE	IF	CITATIONS
199	Structural, thermal, dielectric and ferroelectric properties of Na <sub>0.5</sub> K <sub>0.5</sub> NbO <sub>3</sub> and Na <sub>0.5</sub> K <sub>0.5</sub> NbO <sub>3</sub> +0.5mol%MnO <sub>2</sub> ceramics. Phase Transitions, 2014, 87, 992-1001.	0.6	1
200	Solid-State Thermal Reaction of a Molecular Material and Solventless Synthesis of Iron Oxide. International Journal of Thermophysics, 2016, 37, 1.	1.0	1
201	Crystal structure of sparteinium tetrachlorocuprate monohydrate-packing polymorph. Monatshefte für Chemie, 2019, 150, 1249-1254.	0.9	1
202	Direct Amination of Nitroquinoline Derivatives via Nucleophilic Displacement of Aromatic Hydrogen. Molecules, 2021, 26, 1857.	1.7	1
203	Zinc(II) and nickel(II) complexes of 3,5-dimethyl-1-(pyridin-2-yl)-1 <i>H</i> -pyrazole: relationship between fluorescence and crystal packing. Acta Crystallographica Section C, Structural Chemistry, 2021, 77, 321-330.	0.2	1
204	Synthesis and Transformations of 2-Oxo-2,3-dihydro-(1 <i>H</i> ,3 <i>H</i> )-quino[4,3- <i>e</i> ]-1,2,4-thiadiazine 4,4-Dioxide to N-Methyl-, 2-Chloro- and 2-Aminoquino[4,3- <i>e</i> ]-1,2,4-thiadiazine 4,4-Dioxides. Heterocycles, 2015, 91, 2097.	0.4	1
205	Biochemical, Structural Analysis, and Docking Studies of Spiropyrazoline Derivatives. International Journal of Molecular Sciences, 2022, 23, 6061.	1.8	1
206	<sup>57</sup> Fe Mössbauer spectroscopy predicts superstructure for K <sub>0.08</sub> [CuII(N <sub>2</sub> )Cl] <sub>2</sub> [FeIII(CN) <sub>6</sub> ]·0.92H <sub>3</sub> O·3H <sub>2</sub> O. Chemical Communications, 2007, , 1444-1446.	2.2	0
207	N-Benzylacetamide. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3713-o3713.	0.2	0
208	N-Benzylthioformamide. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4587-o4587.	0.2	0
209	N-Benzylformamide at 150 K. Acta Crystallographica Section C: Crystal Structure Communications, 2008, 64, o633-o636.	0.4	0
210	XRD Multi-Temperatures Study of N,N'-bis(2-Hydroxyethyl)Benzene-1,4-Dicarboxamide. Solid State Phenomena, 2010, 163, 256-259.	0.3	0
211	Crystal structure of 2-dimethylamino-1-methyl-1 <i>H</i> -quino[4,3- <i>e</i> ]-1,2,4-thiadiazine 4,4-dioxide, C <sub>13</sub> H <sub>14</sub> N <sub>4</sub> O <sub>2</sub> S. Zeitschrift Für Kristallographie - New Crystal Structures, 2012, 227, .	0.1	0
212	Preparation and Oxidative-Chlorination Splitting of Nitro Derivatives OF 1,4-Dithiino[2,3- <i>C</i> :5,6- <i>C</i> ']Diquinoline as a Source of 4-Substituted 5- and 8-Nitro-3-Quinolinesulfonic Acid Derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2012, 187, 1208-1225.	0.8	0
213	anti-Ethyl acetohydroximate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1418-o1418.	0.2	0
214	Magnetic particulate matters in the ashes of few commonly used Indian cigarettes. Environmental Monitoring and Assessment, 2014, 186, 7399-7411.	1.3	0
215	Structural and Electronic Properties of Qatranait. Advances in Materials Science and Engineering, 2019, 2019, 1-6.	1.0	0
216	Crystal Chemistry of an Erythrite-K <sub>2</sub> U <sub>2</sub> O <sub>7</sub> Solid Solution (Co <sub>1-x</sub> Zn <sub>x</sub> )(AsO <sub>4</sub> ) <sub>2</sub> ·8H <sub>2</sub> O. Minerals (Basel), 2020, 10, 108.	0.8	0

#	ARTICLE	IF	CITATIONS
217	N,Nâ€²-Bis(2-hydroxyethyl)benzene-1,4-dicarboxamide. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1277-o1277.	0.2	0