

# Joachim Kusz

## List of Publications by Year in descending order

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217  
papers

2,595  
citations

279487

23  
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360668

35  
g-index

220  
all docs

220  
docs citations

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times ranked

2796  
citing authors

#	ARTICLE	IF	CITATIONS
1	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 (±-PiHP) and 2-(methylamino)-1-(4-methylphenyl)pentan-1-one (4-MPD). Acta Crystallographica Section C, Structural Chemistry, 2022, 78, 56-62.	0.2	2
2	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> . Dalton Transactions, 2022, 51, 958-968.	1.6	2
3	Calciolangbeinite-O, a natural orthorhombic modification of K <sub>2</sub> Ca <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> , and the langbeinite-calcio-langbeinite solid-solution system. Mineralogical Magazine, 2022, 86, 557-569.	0.6	5
4	Multifunctional Silver(I) Complexes with Metronidazole Drug Reveal Antimicrobial Properties and Antitumor Activity against Human Hepatoma and Colorectal Adenocarcinoma Cells. Cancers, 2022, 14, 900.	1.7	7
5	Biochemical, Structural Analysis, and Docking Studies of Spiropyrazoline Derivatives. International Journal of Molecular Sciences, 2022, 23, 6061.	1.8	1
6	Amino- and polyaminophthalazin-1(2 <i>H</i> )-ones: synthesis, coordination properties, and biological activity. Beilstein Journal of Organic Chemistry, 2021, 17, 558-568.	1.3	4
7	Synthesis, Spectroscopy, Single-Crystal Structure Analysis and Antibacterial Activity of Two Novel Complexes of Silver(I) with Miconazole Drug. International Journal of Molecular Sciences, 2021, 22, 1510.	1.8	6
8	Direct Amination of Nitroquinoline Derivatives via Nucleophilic Displacement of Aromatic Hydrogen. Molecules, 2021, 26, 1857.	1.7	1
9	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. Materials, 2021, 14, 2749.	1.3	4
10	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
11	Molecular Structure, In Vitro Anticancer Study and Molecular Docking of New Phosphate Derivatives of Betulin. Molecules, 2021, 26, 737.	1.7	19
12	Aromatic C-H...N, C-H...O and parallel aromatic-aromatic interactions in the crystal structure of meso-tetrakis[4-(benzyloxy)phenyl]porphyrin. Journal of Chemical Crystallography, 2020, 50, 21-27.	0.5	12
13	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**. Chemistry - A European Journal, 2020, 26, 14419-14434.	1.7	6
14	Synthesis, crystal structure and characterization of monocrystalline ZnCr <sub>2</sub> Se <sub>4</sub> doped with neodymium. Journal of Solid State Chemistry, 2020, 292, 121661.	1.4	3
15	Synthesis, Spectroscopy, Light Stability, Single-Crystal Analysis, and In Vitro Cytotoxic Activity on HepG2 Liver Cancer of Two Novel Silver(I) Complexes of Miconazole. International Journal of Molecular Sciences, 2020, 21, 3629.	1.8	13
16	Synthesis, Electrochemical and Spectroscopic Characterization of Selected Quinolinecarbaldehydes and Their Schiff Base Derivatives. Molecules, 2020, 25, 2053.	1.7	9
17	Crystal Chemistry of an Erythrite-K <sub>2</sub> ttigite Solid Solution (Co <sub>3-x</sub> Zn <sub>x</sub> )(AsO <sub>4</sub> ) <sub>2</sub> ·8H <sub>2</sub> O. Minerals (Basel), Tj ETQq1 0.784314 rgB (0.8)	1.0	0
18	Two ways of spin crossover in an iron(II) coordination polymer associated with conformational changes of a bridging ligand. Dalton Transactions, 2020, 49, 9811-9819.	1.6	7

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19	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
20	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
21	Zinc(II) Complexes with Amino Acids for Potential Use in Dermatology: Synthesis, Crystal Structures, and Antibacterial Activity. <i>Molecules</i> , 2020, 25, 951.	1.7	36
22	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
23	Biological Evaluation of 3-Benzylidenechromanones and Their Spiropyrazolines-Based Analogues. <i>Molecules</i> , 2020, 25, 1613.	1.7	19
24	Role of intermolecular interactions and conformational changes in the polymorphism and vitrification process of 2,2'-bis-substituted <i>para-para</i> -terphenyls. <i>CrystEngComm</i> , 2020, 22, 3164-3178.	1.3	4
25	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
26	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
27	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
28	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
29	Solventless synthesis and characterization of $\hat{1}\pm\text{-Fe}$ , $\hat{1}^3\text{-Fe}$ , magnetite and hematite using iron(III)citrate. <i>Solid State Sciences</i> , 2019, 95, 105932.	1.5	7
30	Crystal structure of sparteinium tetrachlorocuprate monohydrate-packing polymorph. <i>Monatshefte für Chemie</i> , 2019, 150, 1249-1254.	0.9	1
31	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
32	Normal and reverse spin crossover induced by two different structural events in iron( $\text{scp}$ ) coordination polymer. <i>Chemical Communications</i> , 2019, 55, 7033-7036.	2.2	23
33	Structural and Electronic Properties of Qatranaitite. <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-6.	1.0	0
34	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
35	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
36	Qatranaitite, $\text{CaZn}_2(\text{OH})_6 \cdot 2\text{H}_2\text{O}$ : 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

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37	Sliding Polymeric Layers and Anion Displacement Coupled with Spin Crossover in Two-Dimensional Networks of $[\text{Fe}(\text{hbtz})_2(\text{CH}_3)_2(\text{CN})_2](\text{BF}_4)_2$ . Chemistry - A European Journal, 2019, 25, 2250-2261.	1.7	9
38	Polymorphs of oxindole as the core structures in bioactive compounds. CrystEngComm, 2018, 20, 1739-1745.	1.3	9
39	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. Forensic Toxicology, 2018, 36, 141-150.	1.4	12
40	Chlorellestadite, $\text{Ca}_5(\text{SiO}_4)_{1.5}(\text{SO}_4)_{1.5}\text{Cl}$ , a new ellestadite-group mineral from the Shadil-Khokh volcano, South Ossetia. Mineralogy and Petrology, 2018, 112, 743-752.	0.4	6
41	Double spin transition in a two dimensional $\text{Fe}(\text{ii})$ coordination network. Chemical Communications, 2018, 54, 3895-3898.	2.2	19
42	Spectroscopic characterization and crystal structures of two cathinone derivatives: 1-(4-chlorophenyl)-2-(1-pyrrolidinyl)-pentan-1-one (4-chloro-1-PVP) sulfate and 1-(4-methylphenyl)-2-(dimethylamino)-propan-1-one (4-MDMC) hydrochloride salts, seized on illicit drug market. Forensic Toxicology, 2018, 36, 178-184.	1.4	6
43	Growth, structure and characterization of physico-chemical and magnetic properties of $\text{CdCr}_2\text{Se}_4\text{:Mn}$ single crystals. Journal of Alloys and Compounds, 2018, 735, 480-488.	2.8	4
44	Interaction of Arylidenechromanone/Flavanone Derivatives with Biological Macromolecules Studied as Human Serum Albumin Binding, Cytotoxic Effect, Biocompatibility Towards Red Blood Cells. Molecules, 2018, 23, 3172.	1.7	5
45	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
46	Structural, vibrational and quantum chemical investigations for 6,7-dichloro-2-methyl-5,8-quinolinedione. Cytotoxic and molecular docking studies. Journal of Molecular Structure, 2018, 1168, 73-83.	1.8	13
47	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. Chemistry Central Journal, 2018, 12, 55.	2.6	8
48	Insight into hydrogen bonding of terephthalamides with amino acids: Synthesis, structural and spectroscopic investigations. Tetrahedron, 2017, 73, 2901-2912.	1.0	5
49	Spectroscopic and thermal studies on 2- and 4-phenyl-1 H -imidazoles. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 183, 378-386.	2.0	4
50	Evidence of Ligand Elasticity Occurring in Temperature, Light, and Pressure-Induced Spin Crossover in 1D Coordination Polymers $[\text{Fe}(\text{3ditz})_3\text{X}]_n$ (X = $\text{ClO}_4$ , $\text{PF}_6$ , $\text{OTf}$ , $\text{ClO}_4$ , $\text{PF}_6$ , $\text{OTf}$ ). Tj ETQ 0 0 0 rBT /Overlo	1.0	5
51	Alkynyloxy derivatives of 5,8-quinolinedione: Synthesis, in vitro cytotoxicity studies and computational molecular modeling with NAD(P)H:Quinone oxidoreductase 1. European Journal of Medicinal Chemistry, 2017, 126, 969-982.	2.6	21
52	Solventless synthesis, morphology, structure and magnetic properties of iron oxide nanoparticles. Solid State Sciences, 2017, 74, 62-69.	1.5	11
53	Different route of hydroxide incorporation and thermal stability of new type of water clathrate: X-ray single crystal and Raman investigation. Scientific Reports, 2017, 7, 9046.	1.6	5
54	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. Forensic Toxicology, 2017, 35, 114-124.	1.4	16

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55	New Acetylenic Amine Derivatives of 5,8-Quinolinediones: Synthesis, Crystal Structure and Antiproliferative Activity. Crystals, 2017, 7, 15.	1.0	17
56	Study of 2-aminoquinolin-4(1H)-one under Mannich and retro-Mannich reaction. PLoS ONE, 2017, 12, e0175364.	1.1	2
57	Synthesis, Structure and Cytotoxic Activity of Mono- and Dialkoxy Derivatives of 5,8-Quinolinedione. Molecules, 2016, 21, 156.	1.7	17
58	Magnetic Properties of CdMoO <sub>4</sub> :Dy <sup>3+</sup> Single Crystal. Solid State Phenomena, 2016, 257, 107-110.	0.3	5
59	Solid-State Thermal Reaction of a Molecular Material and Solventless Synthesis of Iron Oxide. International Journal of Thermophysics, 2016, 37, 1.	1.0	1
60	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
61	p-Tolylimido rhenium(III) complexes with phenolate-based ligands: synthesis, X-ray studies and catalytic activity in oxidation with tert-butylhydroperoxide. Dalton Transactions, 2016, 45, 334-351.	1.6	10
62	Synthesis, structure and cytotoxic activity of acetylenic derivatives of betulonic and betulinic acids. Journal of Molecular Structure, 2016, 1106, 210-219.	1.8	14
63	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
64	Preparation of 2-phenyl-3-hydroxyquinoline-4(1H)-one-5-carboxamides as potential anticancer and fluorescence agents. RSC Advances, 2015, 5, 48861-48867.	1.7	11
65	Single and double crown macrocyclic derivatives of cyclotriphosphazene as receptors of silver(I) ions. RSC Advances, 2015, 5, 38435-38442.	1.7	8
66	Mayenite supergroup, part II: Chlorkyuygenite from Upper Chegem, Northern Caucasus, Kabardino-Balkaria, Russia, a new microporous mineral with zeolitic H <sub>2</sub> O. European Journal of Mineralogy, 2015, 27, 113-122.	0.4	10
67	Mayenite supergroup, part IV: Crystal structure and Raman investigation of Al-free eltyubuyite from the Shadil-Khokh volcano, Kel' Plateau, Southern Ossetia, Russia. European Journal of Mineralogy, 2015, 27, 137-143.	0.4	15
68	Synthesis, crystal structures and spectroscopic properties of cobalt(II) complexes with chelating sulfonylamidophosphate ligands. Journal of Molecular Structure, 2015, 1100, 145-149.	1.8	5
69	Moraskoite, Na <sub>2</sub> Mg(PO <sub>4</sub> ) <sub>2</sub> F, a new mineral from the Morasko IAB-MG iron meteorite (Poland). Mineralogical Magazine, 2015, 79, 387-398.	0.6	39
70	Spin-glass-like behaviour in tin doped ZnCr <sub>2</sub> Se <sub>4</sub> single crystals. Journal of Alloys and Compounds, 2015, 635, 238-244.	2.8	12
71	Phosphorescence of a ruthenium(II) hydride-carbonyl complex with 3-hydroxy-2-quinoxalinecarboxylic acid as a co-ligand. Mendeleev Communications, 2015, 25, 103-105.	0.6	11
72	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

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73	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.. Journal of Physics and Chemistry of Solids, 2015, 77, 68-84.	1.9	27
74	H/D isotopic recognition and temperature effects in IR spectra of hydrogen-bonded cyclic dimers in crystals: 3-Methylcinnamic acid and 4-phenylbutyric acid. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 134, 592-597.	2.0	6
75	Synthesis and Transformations of 2-Oxo-2,3-dihydro-(1H,3H)-quino[4,3-e]-1,2,4-thiadiazine 4,4-Dioxide to N-Methyl-, 2-Chloro- and 2-Aminoquino[4,3-e]-1,2,4-thiadiazine 4,4-Dioxides. Heterocycles, 2015, 91, 2097.	0.4	1
76	Magnetic particulate matters in the ashes of few commonly used Indian cigarettes. Environmental Monitoring and Assessment, 2014, 186, 7399-7411.	1.3	0
77	Synthesis, crystal structure and infrared spectra of new 6- and 7-propylamine-5,8-quinolinediones. Journal of Molecular Structure, 2014, 1067, 160-168.	1.8	16
78	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
79	Control of the spin state by charge and ligand substitution: two-step spin crossover behaviour in a novel neutral iron(II) complex. Dalton Transactions, 2014, 43, 16387-16394.	1.6	21
80	Polymorphic forms of lupane triterpenoid betulonic aldehyde (betulonal). Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 847-851.	0.2	1
81	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
82	Synthesis, Structure and Cytotoxic Activity of New Acetylenic Derivatives of Betulin. Molecules, 2013, 18, 4526-4543.	1.7	61
83	Vorlanite, (CaU <sup>6+</sup> )O <sub>4</sub> , from Jabel Harmun, Palestinian Autonomy, Israel. American Mineralogist, 2013, 98, 1938-1942.	0.9	17
84	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. European Journal of Inorganic Chemistry, 2013, 2013, 832-842.	1.0	17
85	Dzhuluite, Ca <sub>3</sub> SbSnFe <sub>3</sub> O <sub>12</sub> , a new bitikleite-group garnet from the Upper Chegem Caldera, Northern Caucasus, Kabardino-Balkaria, Russia. European Journal of Mineralogy, 2013, 25, 231-239.	0.4	6
86	Comparative study of the microstructural and magnetic properties of fly ashes obtained from different thermal power plants in West Bengal, India. Environmental Monitoring and Assessment, 2013, 185, 8673-8683.	1.3	6
87	Quinoline-2-sulfonamide. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1357-o1358.	0.2	3
88	High Temperature Study of Metamict Rinkite. Solid State Phenomena, 2013, 203-204, 331-334.	0.3	1
89	Structural phase transition and related electronic properties in quasi-one-dimensional (NbSe <sub>4</sub> ) <sub>10/3</sub> I. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2013, 69, 229-237.	0.5	2
90	anti-Ethyl acetohydroximate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1418-o1418.	0.2	0

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91	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. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 884-893.	1.0	15
92	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
93	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
94	Levulinic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1406-o1406.	0.2	2
95	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
96	Quinoline-8-sulfonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2826-o2826.	0.2	3
97	Crystal structure of 2-dimethylamino-1-methyl-1H-quinolo[4,3-e]-1,2,4-thiadiazine 4,4-dioxide, C <sub>13</sub> H <sub>14</sub> N <sub>4</sub> O <sub>2</sub> S. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2012, 227, .	0.1	0
98	High-pressure crystallization of 1-methyl-3-trimethylsilylmethylimidazolium tetrafluoroborate ionic liquid. <i>Chemical Physics Letters</i> , 2012, 546, 150-152.	1.2	5
99	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
100	X-Ray Diffraction and Infrared Spectroscopy of N,N- Dimethylformamide and Dimethyl Sulfoxide Solvatomorphs of Betulonic Acid. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 4458-4471.	1.6	15
101	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
102	Preparation and Oxidative-Chlorination Splitting of Nitro Derivatives OF 1,4-Dithiino[2,3-C:5,6-Câ€²]Diquinoline as a Source of 4-Substituted 5- and 8-Nitro-3-Quinolinesulfonic Acid Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2012, 187, 1208-1225.	0.8	0
103	Crystal structure of betulonic acid-DMSO solvate. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2012, 227, 379-384.	0.4	10
104	X-Ray Crystal Structure of Betulinâ€“DMSO Solvate. <i>Journal of Chemical Crystallography</i> , 2012, 42, 345-351.	0.5	30
105	X-ray analysis at 150 K, synthesis and theoretical calculations of 1-naphthaleneacrylic acid. <i>Structural Chemistry</i> , 2012, 23, 325-332.	1.0	4
106	Entrapment of [Ru(bpy) <sub>3</sub> ] <sup>2+</sup> in the anionic metalâ€“organic framework: Novel photoluminescence behavior exhibiting dual emission at room temperature. <i>Dalton Transactions</i> , 2011, 40, 6952.	1.6	42
107	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
108	Isostructural phase transition in the spin crossover compound [Fe(dpp) <sub>2</sub> (NCS) <sub>2</sub> ] · py. <i>Zeitschrift FÅ¼r Kristallographie</i> , 2011, 226, 576-584.	1.1	18

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109	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
110	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
111	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
112	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
113	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
114	On the Role of Intermolecular Interactions on Structural and Spin-Crossover Properties of 2D Coordination Networks [Fe(btr) <sub>3</sub> ] <sub>2</sub> (btr=1,4-bis(1,2,3-triazol-4-yl)butane;) <i>Tj ETQq0 0 rgBT /Overlock 10 Tf 50 462 Td (bis(1,2,3-triazol-4-yl)butane)</i> <i>Tj ETQq0 0 rgBT /Overlock 10 Tf 50 462 Td (bis(1,2,3-triazol-4-yl)butane)</i>	1.7	32
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116	The crystal structure and spectroscopic properties of catena-(2-methylimidazolium) <i>Tj ETQq0 0 rgBT /Overlock 10 Tf 50 462 Td (bis(1,2,3-triazol-4-yl)butane)</i>	0.4	7
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