

van der Waals Volumes and Radii

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Citation Report

#	ARTICLE	IF	CITATIONS
58	Calculation of relative zone mobilities in paper electrophoresis. Journal of Chromatography A, 1965, 20, 563-571.	1.8	34
59	$\frac{1}{2}$ ber Chalkogenocarbonate. XIV. Das Kohlenstoffsulfid-bis-(hydrogensulfid) SC(SH) ₂ und das System H ₂ S?CS ₂ 6. Die Kristallstruktur der Trithiokohlensäure bei 100°C. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1965, 340, 294-311.	0.6	24
60	Use of Differential Scanning Calorimetry for the Analysis of Chloride-Bromide Mixtures.. Analytical Chemistry, 1965, 37, 1414-1415.	3.2	3
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77	Infra-red study of rotational isomerism in 1,2-diodotetrafluoroethane. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1968, 24, 1813-1819.	0.1	11
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1042	Crystal structure and spectra of bis($\hat{I}_{1/4}$ -valproato-O, $\text{O}^{\pm 2}$)(pyridine)copper(II), $\text{C}_{42}\text{H}_{70}\text{Cu}_2\text{N}_2\text{O}_8$. <i>Zeitschrift Für Kristallographie</i> , 1986, 176, 103-112.	1.1	9
1043	Crystal structure and spectra of bis($\hat{\mu}$ -valproato-O, $\text{O}^{\pm 2}$)(pyridine)copper(II), $\text{C}_{42}\text{H}_{70}\text{Cu}_2\text{N}_2\text{O}_8$. <i>Zeitschrift Für Kristallographie - Crystalline Materials</i> , 1986, 176, 103-112.	0.4	0
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1089	Elution behaviour of peropyrene-type polycyclic aromatic hydrocarbons in various chemically bonded stationary phases in reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 1987, 386, 123-135.	1.8	49
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1099	Single crystal and molecular structure of methylphenyltin(IV) dichloride, intermediate between polymeric and monomeric R ₂ SnCl ₂ structures. <i>Journal of Organometallic Chemistry</i> , 1987, 327, 147-155.	0.8	24
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1116	4,4'-Bipyridinium(2+) dinitrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1987, 43, 2144-2146.	0.4	5
1117	CI Pigment Yellow 65, $\hat{I}\pm$ -(4-methoxy-2-nitrophenylhydrazono)- $\hat{I}\pm$ -aceto-2'-methoxyacetanilide. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1987, 43, 2141-2144.	0.4	9
1118	CI Pigment Yellow 74, $\hat{I}\pm$ -(2-methoxy-4-nitrophenylhydrazono)- $\hat{I}\pm$ -aceto-2'-methoxyacetanilide. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1987, 43, 2137-2141.	0.4	6
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1125	Structure of dichloro(p-methoxyphenyl)(8-oxo-7-oxabicyclo[4.3.0]non-5-yl)tellurium(IV)â€“chloroform (1/0.27). Acta Crystallographica Section C: Crystal Structure Communications, 1987, 43, 1147-1151.	0.4	1
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1128	Structure of [bis(p-methoxyphenyl)](diethylaminocarbodithioato)iodine(III). Acta Crystallographica Section C: Crystal Structure Communications, 1987, 43, 914-916.	0.4	3
1129	(Pyrazinyl-2 mÃ©thyl)-2 benzonitrile. Acta Crystallographica Section C: Crystal Structure Communications, 1987, 43, 699-701.	0.4	0
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1131	Structure of di[3,4;3',4'-bis(ethylenedithio)-2,2',5,5'-tetrathiafulvalenium] dichlorocuprate(I), (BEDT-TTF)2CuCl2. Acta Crystallographica Section C: Crystal Structure Communications, 1987, 43, 656-659.	0.4	7
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1133	Chloro(triphenylphosphine sulfide)gold(I). Acta Crystallographica Section C: Crystal Structure Communications, 1987, 43, 450-453.	0.4	12
1134	Bis(O-methyldithiocarbonato)mercury(II). Acta Crystallographica Section C: Crystal Structure Communications, 1987, 43, 448-450.	0.4	13
1135	4-Benzylidene-2,3,4,5-tetrahydro-1-benzoxepin-5-one. Acta Crystallographica Section C: Crystal Structure Communications, 1987, 43, 342-344.	0.4	0
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1137	Structure and absolute configuration of a phenylpiperidine analgesic 3-(m-methoxyphenyl)-3-methylpiperidinium hydrogen tartrate. Acta Crystallographica Section C: Crystal Structure Communications, 1987, 43, 316-319.	0.4	0
1138	Structure of thiamin dinitrate. Acta Crystallographica Section C: Crystal Structure Communications, 1987, 43, 313-316.	0.4	6
1139	Triethylammonium salt of 1,2,3,4-tetrahydro-6-hydroxy-4-oxo-N-phenyl-2-thio-5-pyrimidinecarboxamide, ethanol solvate. Acta Crystallographica Section C: Crystal Structure Communications, 1987, 43, 144-147.	0.4	4
1140	Structure of bis(diphenyl iodonium I-oxide) diacetate trihydrate. Acta Crystallographica Section C: Crystal Structure Communications, 1987, 43, 142-144.	0.4	3
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1146	A revision of van der Waals atomic radii for molecular crystals. II: hydrogen bonded to carbon. Acta Crystallographica Section B: Structural Science, 1987, 43, 106-110.	1.8	38
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1152	Dibutyldichlorotin(IV). Acta Crystallographica Section C: Crystal Structure Communications, 1988, 44, 633-636.	0.4	7
1153	Structure of 2,2';4,4'-bis(p-phenylenedioxy)bis(2,4,6,6-tetrachloro-1,3,5,2 \hat{I} \gg 5,4 \hat{I} \gg 5,6 \hat{I} \gg 5-triazatriphosphorine). Acta Crystallographica Section C: Crystal Structure Communications, 1988, 44, 1122-1124.	0.4	2
1154	Structures of two semiconducting charge-transfer salts based on 4,5-methylenedithio-4',5'-propylenedithiotetrathiafulvalene (MPT): (MPT) $_2$ ClO $_4$ (THF) and (MPT) $_2$ PF $_6$ (THF). Acta Crystallographica Section C: Crystal Structure Communications, 1988, 44, 1223-1227.	0.4	0
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1157	Structure of ($\hat{\alpha}$)-(6'R)-3',6'-epoxyaurapten. Acta Crystallographica Section C: Crystal Structure Communications, 1988, 44, 1262-1264.	0.4	0
1158	Structure of the 1:1 complex between 4-amino-N-(4,6-dimethyl-2-pyrimidinyl)benzenesulfonamide (sulfadimidine) and 2-hydroxybenzoic acid (salicylic acid). Acta Crystallographica Section C: Crystal Structure Communications, 1988, 44, 1264-1267.	0.4	19
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1160	(E)-1-Chloro-2-methoxy-1,2-diphenylethylene. Acta Crystallographica Section C: Crystal Structure Communications, 1988, 44, 1590-1592.	0.4	1

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1162	Structure of thiomorpholin-3-one: comments on the geometry of monocoordinated metal complexes. Acta Crystallographica Section C: Crystal Structure Communications, 1988, 44, 2016-2018.	0.4	2
1163	Structures of thiamine hexafluorophosphate monohydrate, thiaminium diperchlorate, thiaminium bis(hexafluorophosphate) tetrahydrate, and thiaminemonophosphate hexafluorophosphate dihydrate. Acta Crystallographica Section C: Crystal Structure Communications, 1988, 44, 1949-1955.	0.4	8
1164	[N,N-Bis(2-hydroxyethyl)dithiocarbamato-S,S']dichlorogold(III). Acta Crystallographica Section C: Crystal Structure Communications, 1988, 44, 2082-2085.	0.4	4
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1964	Halomethanes in tri-n-octylamine and squalane mixtures at infinite dilution. <i>Journal of Solution Chemistry</i> , 1993, 22, 85-94.	0.6	1
1965	Crystal structure of hexafluoro-2,4-pentanedionato complexes of cobalt(III). [Co(hfac)(en)2](ClO4)2 and [2-[Co(hfac)(trien)](ClO4)2. <i>Polyhedron</i> , 1993, 12, 2291-2296.	1.0	5
1966	Vibrational and NMR spectroscopic studies of cadmium(II) bis(dialkyl dithiophosphinates). <i>Inorganica Chimica Acta</i> , 1993, 209, 137-142.	1.2	17
1967	Stability constants of the zinc(II), cadmium(II) and mercury(II) complexes of the mono-aza coronands 1,4,7,10-tetraoxa-13-azacyclopentadecane (L1), 1,4,7,10,13-pentaoxa-16-azacyclooctadecane (L2) and 1,4,7-trioxa-10-azacyclododecane (L3). Crystal and molecular structures of the cadmium complexes of L1 and L2. <i>Inorganica Chimica Acta</i> , 1993, 205, 191-198.	1.2	20

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1969	Structure of 1-amino-3-(methylthio)propylphosphonic acid. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993, 49, 1111-1113.	0.4	1
1970	Structure of 17-(3-oxazolin-4-yl)androsta-4,16-dien-3-one. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993, 49, 351-354.	0.4	0
1971	Ketone pyramidalization in a tetracyclic perpendicular enone derivative. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993, 49, 257-261.	0.4	2
1972	A twisted pentacyclic ketone derivative. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993, 49, 261-263.	0.4	1
1973	2,5,N,N'-tetra-tert-butyl-p-phenylenediaminoxyl. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993, 49, 163-165.	0.4	0
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1977	Structure of kopsine: methyl 3-hydroxy-22-oxokopsan-1-carboxylate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993, 49, 171-173.	0.4	3
1978	Structure of the two-coordinate cadmium complex bis(pentafluorophenyl)cadmium(II), [Cd(C ₆ F ₅) ₂]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993, 49, 576-578.	0.4	11
1979	Structure of 4-iodo-trans-cinnamic acid and a study of carboxyl group disorder. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993, 49, 1107-1111.	0.4	2
1980	Structures of two cobalt(III) sepulchrate complexes. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993, 49, 1163-1169.	0.4	14
1981	Structure of di(n-butyl)bis(morpholinocarbodithioato- λ^2 S,S')tin(IV). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993, 49, 873-875.	0.4	7
1982	Structures of amino(triphenyl)phosphonium bromide and amino(triphenyl)phosphonium hexachloroantimonate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993, 49, 1280-1283.	0.4	4
1983	(R)-2-Bromo-1,4-butanedioic acid. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993, 49, 1222-1224.	0.4	1
1984	Structure of (2,4-pentanedionato-O,O')bis(phenyl 3,3',5,5'-tetra-tert-butyl-1,1'-biphenyl-2,2'-diyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1160-1163.	0.4	3
1985	Orthorhombic form of thiopurinol: 1,5-dihydro-4H-pyrazolo[3,4-d]pyrimidine-4-thione. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993, 49, 1211-1215.	0.4	1

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2024	4-(N-Methylthioamido)tetrathiafulvalene: a new kappa-phase structure. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 1701.	2.0	25
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2037	Triorganophosphinegold(I) complexes of pyridine-2-thionate and pyrimidine-2-thionate. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 259.	1.1	61
2038	The first imino-lead complex: synthesis and X-ray characterisation of Pb[μ -Ni \uparrow C(But)Ph] ₃ Li·thf (thf =) Tj ETQq1 1,0.784314,rgBT /Ov	2.0	13
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2040	Structural effect on molecular simulations of tight-pore systems. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1993, 89, 1683.	1.7	29

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2045	Separation of chiral silicon compounds using permethylated .alpha.-, .beta.-, and .gamma.-cyclodextrin capillary GC columns. Analytical Chemistry, 1993, 65, 1130-1133.	3.2	14
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2048	2,3,6,7-tetrakis(methylthio)naphthalene; synthesis and cation radical salt. Synthetic Metals, 1993, 56, 2102-2107.	2.1	3
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2057	Atomic charge superposition calculations of STM images of 2D-ordered amino acid adsorbates (II). Acta Physica Sinica (overseas Edition), 1993, 2, 139-146.	0.1	0
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2075	Phase Behavior and Ordering Characteristics of Some Chain Molecules Dissolved in a Nematic Liquid Crystal, 4 ⁺ -Methoxybenzylidene-4-n-butylaniline. <i>Polymer Journal</i> , 1993, 25, 1087-1098.	1.3	13
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2084	Crystal structures of tricyclohexylphosphinegold(I) O-alkyldithiocarbonates: (c-C ₆ H ₁₁) ₃ PAu(S ₂ COR), R = Et, nPr and iPr. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 1993, 205, 261-270.	0.4	12
2085	Crystal structure of triphenylphosphine-(N-phenyl-O-ethylthiocarbamate)gold(I), (C ₆ H ₅) ₃ PAu(SC(=N)Ph)OEt. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 1993, 207, 261-270.	0.4	6
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2217	Tris(2-pyridinethiolato)(p-tolyl)tin(IV), [Sn(C ₅ H ₄ N ₃)(C ₇ H ₇)]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1994, 50, 206-209.	0.4	3
2218	n-Butyltris(2-pyrimidinethiolato-N,S)tin(IV). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1994, 50, 391-394.	0.4	4
2219	Phenyl 3-fluorobenzoate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1994, 50, 592-594.	0.4	1
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2222	2-[1-Phenylsulfonyl-2-(3,4,5-trimethoxyphenyl)vinyl]-3-(phenylthio)indole. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1994, 50, 784-787.	0.4	0
2223	(2,2'-Biquinoline- λ^2 N,N')chloro(2,2':6',2''-terpyridine- λ^3 N,N',N'')ruthenium(II) hexafluorophosphate, [RuCl(C ₁₈ H ₁₂ N ₂)(C ₁₅ H ₁₁ N ₃)]PF ₆ . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1994, 50, 394-397.	0.4	16

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2226	Bis[2-(3-morpholinobenzofuranyl)]phenylmethane, C ₃₁ H ₃₀ N ₂ O ₄ . Acta Crystallographica Section C: Crystal Structure Communications, 1994, 50, 1173-1176.	0.4	0
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2229	Ferrocenyltriphenylsilane. Acta Crystallographica Section C: Crystal Structure Communications, 1994, 50, 1199-1201.	0.4	0
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3348	Hydrogen-Bonding Patterns in a Centrosymmetric Structure with Z' = 2: \hat{I} \pm , \hat{I} \pm '', \hat{I} \pm ''-Trimethyl-1,3,5-benzenetriethanol. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1998, 54, 792-795.	0.4	0
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4421	1,1-Di(9-fluorenyl)ethyl acetate, a by-product from the acetylation of 9-fluorenyllithium. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 582-584.	0.4	0
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4423	10-(4-Fluorophenyl)-3,3,6,6,9-pentamethyl-3,4,6,7,9,10-hexahydroacridine-1,8(2H,5H)-dione and 10-(4-fluorophenyl)-3,3,6,6-tetramethyl-9-propyl-3,4,6,7,9,10-hexahydroacridine-1,8(2H,5H)-dione. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 821-824.	0.4	1
4424	Tris(tert-butyl)phosphine sulfide, a phosphine sulfide with three bulky substituents. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 835-837.	0.4	8
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4439	Octafluoronaphthalene- \hat{I}^2 1,8-diaminonaphthalene (1/1). Acta Crystallographica Section E: Structure Reports Online, 2001, 57, o950-o952.	0.2	10
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5079	Solvothermal syntheses, crystal structures, and thermal stability of two new thioantimonates(III) using complex transition metal cations as structure directing agents: the layered compound $[\text{Ni}(\text{dien})_2]\text{Sb}_4\text{S}_7\cdot\text{H}_2\text{O}$ and the three-dimensional compound $[\text{Ni}(\text{dien})_2]_3\text{Sb}_{12}\text{S}_{21}\cdot\text{H}_2\text{O}$. <i>Journal of Solid State Chemistry</i> , 2003, 174, 264-275.	1.4	75
5080	Halogen bonding driven self-assembly of (E)-1,2-diiodo-1,2-difluoroethene with nitrogen substituted hydrocarbons. <i>Tetrahedron Letters</i> , 2003, 44, 645-648.	0.7	40
5081	Optical resolution of (R)-1-furo[2,3-c]pyridin-5-yl-ethanol using extraction technique: formal total synthesis of PNU-142721, HIV-1 reverse transcriptase inhibitor. <i>Tetrahedron Letters</i> , 2003, 44, 3355-3358.	0.7	1
5082	A comparison of coordination ability of hetero atoms: a Li ⁺ and Na ⁺ selective pyridinophane-based cryptand. <i>Tetrahedron Letters</i> , 2003, 44, 5087-5089.	0.7	7
5083	Structural and vibrational characterization of $[\text{KrF}][\text{AuF}_6]$ and $[\text{O}_2][\text{AuF}_6]$ using single crystal X-ray diffraction, Raman spectroscopy and electron structure calculations. <i>Journal of Fluorine Chemistry</i> , 2003, 119, 109-124.	0.9	32
5084	Syntheses and crystal structures of bis(4-dimethylaminopyridine) group 12 trifluoroacetates $\text{M}(\text{OCOCF}_3)_2\cdot 2\text{DMAP}$ (M=Zn, Cd, Hg). <i>Journal of Fluorine Chemistry</i> , 2003, 120, 13-19.	0.9	10
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5087	Structure-forming properties of 3-furylpropenoic acid derivatives in solution and in the solid state. <i>Journal of Molecular Structure</i> , 2003, 651-653, 253-258.	1.8	10
5088	The crystal and molecular structures of three germatrane derivatives. <i>Journal of Molecular Structure</i> , 2003, 655, 215-220.	1.8	8
5089	Crystal structure and conformation of N,N'-bis(3,5-dichlorosalicylidene)-2-hydroxy 1,3-diamino-2-propan. <i>Journal of Molecular Structure</i> , 2003, 655, 135-139.	1.8	8
5090	Crystal structure of 1,3-diphenyladamantane and trans-1,4-diphenylcyclohexane: torsion angles about C-Ph bonds in 1,3-diphenyl(alicyclic hydrocarbon). <i>Journal of Molecular Structure</i> , 2003, 655, 473-478.	1.8	7
5091	Structurally adaptive multitopic ligands containing tris(pyrazolyl)methane units as supramolecular synthons: manganese carbonyl complexes. <i>Journal of Organometallic Chemistry</i> , 2003, 666, 87-101.	0.8	63
5092	1,2,4-Triphospholyl gold(I) and copper(I) complexes: synthesis, crystal and molecular structures of $[\text{Cu}(\text{PMe}_3)_2(\text{P}^3\text{C}_2\text{tBu}_2)]$, $[\text{Cu}(\text{PMe}_3)_2(\text{P}^3\text{C}_2\text{tBu}_2)_2\text{Cu}(\text{PMe}_3)_2]$ and $[\text{Au}(\text{P}^3\text{C}_2\text{tBu}_2)_2][\text{Au}(\text{PEt}_3)_2]$. <i>Journal of Organometallic Chemistry</i> , 2003, 665, 101-106.	0.8	16
5093	Synthesis and crystal structure of a novel pentanuclear complex of tin (IV) with heterocyclic sulfur and nitrogen donor ligands. <i>Journal of Organometallic Chemistry</i> , 2003, 667, 5-7.	0.8	38
5094	2-(Dimethylphosphinomethyl)- and 2-(methylthiomethyl)phenyl silicon compounds: higher coordination with soft donors. <i>Journal of Organometallic Chemistry</i> , 2003, 667, 167-175.	0.8	17
5095	Synthesis, characterisation and study of the first luminescent platinum(II) compound with a [C,N,S] terdentate ligand. X-ray crystal structure of $[\text{Pt}\{\text{C}_6\text{H}_4\text{-CH}_2\text{-Ni-(C}_6\text{H}_4\text{-2-SMe)}\}\text{Cl}]$. <i>Journal of Organometallic Chemistry</i> , 2003, 669, 164-171.	0.8	23

#	ARTICLE	IF	CITATIONS
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5098	Thermolysis of bis(pentacoordinate) silicon compound bearing two 1-fluorodisilanyl units at 4- and 8-positions on 1,5-bis(dimethylamino)naphthalene ring: construction of disilapyrene skeleton and cyclophane-shaped siloxane dimer. <i>Journal of Organometallic Chemistry</i> , 2003, 686, 215-222.	0.8	7
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5100	Structure and UV spectroscopic properties of a novel dendritic oligosilane. <i>Journal of Organometallic Chemistry</i> , 2003, 685, 134-137.	0.8	21
5101	Langmuir films of dichroic dyes with fluorescent properties. <i>Dyes and Pigments</i> , 2003, 56, 209-217.	2.0	10
5102	Intermolecular hydrogen bonding interactions between \pm -phenyl furylcinnamic acid stereoisomers studied by semiempirical quantum chemical method. <i>Computational and Theoretical Chemistry</i> , 2003, 620, 37-41.	1.5	2
5103	Building dendrimer-like structures from \pm -phenyl pyrimidylcinnamic acid—a molecular modeling approach. <i>Computational and Theoretical Chemistry</i> , 2003, 623, 11-15.	1.5	2
5104	A density functional theory study of structural and NMR properties of SNN thiosemicarbazone ligands and their Pd(II) chlorocomplexes. <i>Computational and Theoretical Chemistry</i> , 2003, 623, 105-119.	1.5	6
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5106	The heat of vaporization and hard sphere diameters from cavity formation energies. <i>Computational and Theoretical Chemistry</i> , 2003, 638, 197-207.	1.5	6
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5108	Molecular dynamic simulations of a liquid formamide and N,N-dimethylformamide with new quantum mechanical potential. <i>Journal of Molecular Liquids</i> , 2003, 103-104, 15-31.	2.3	36
5109	Modeling of excess molar volume of binary mixtures of acetonitrile with amines using the prigogine-flory-patterson theory. <i>Journal of Molecular Liquids</i> , 2003, 103-104, 99-110.	2.3	17
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5112	Gas separation properties of aromatic polyimides. <i>Journal of Membrane Science</i> , 2003, 215, 61-73.	4.1	108
5113	Competitive absorption of quaternary ammonium and alkali metal cations into a Nafion cation-exchange membrane. <i>Journal of Membrane Science</i> , 2003, 215, 103-114.	4.1	35

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5114	Water vapour transport mechanism in naphthalenic sulfonated polyimides. <i>Journal of Membrane Science</i> , 2003, 223, 127-139.	4.1	38
5115	Application of IR-spectroscopy in thermodynamic investigations of associating solutions. <i>Fluid Phase Equilibria</i> , 2003, 205, 195-214.	1.4	25
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5118	Thermodynamic study of heptane + amine mixtures. <i>Fluid Phase Equilibria</i> , 2003, 212, 41-52.	1.4	35
5119	Mobility of geminate radical ions in concentrated alkane solutions as measured using electric field dependence of delayed fluorescence. <i>Radiation Physics and Chemistry</i> , 2003, 67, 639-650.	1.4	22
5120	Novel Ag(I) complexes with propeller-like structure of tripodal ligand: syntheses and structures of two- and three-coordinate silver (I) complexes. <i>Inorganic Chemistry Communication</i> , 2003, 6, 491-494.	1.8	11
5121	A unique three-dimensional coordination polymer constructed from 4,4'-biphenyldicarboxylate and zinc(II). <i>Inorganic Chemistry Communication</i> , 2003, 6, 690-693.	1.8	23
5122	Self-assembly of a 1D helical coordination polymeric lead(II) complex with $\text{Pb}^{\text{II}}\text{O}(\text{perchlorate})^{\text{I}}$ scaffoldings. <i>Inorganic Chemistry Communication</i> , 2003, 6, 1074-1077.	1.8	32
5123	New bulk weak ferromagnet in ferrimagnetic chains of molecular material based on $\text{DTDH}^{\text{II}}\text{TTP}$ and paramagnetic thiocyanato complex anion: $(\text{DTDH}^{\text{II}}\text{TTP})[\text{Cr}(\text{isoq})_2(\text{NCS})_4]$. <i>Comptes Rendus Chimie</i> , 2003, 6, 309-316.	0.2	14
5124	Two polymorphs, with $Z^{\text{II}} = 1$ and 2, of 2-amino-4-chloro-6-morpholinopyrimidine in P21/c, and 2-amino-4-chloro-6-piperidinopyrimidine, which is isomorphous and almost isostructural with the $Z^{\text{II}} = 2$ polymorph. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o4-o8.	0.4	5
5125	Dichloro $[1,1'-(5,9\text{-dithia-}2,12\text{-diazoniatrieca-}1,12\text{-diene-}1,13\text{-diyl})\text{dinaphthalen-}2\text{-olato-}\lambda^2\text{O}_2\text{O}^{\text{II}}]$ dimethyltin(IV) acetonitrile solvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, m10-m12.	0.4	1
5126	Isostructural or not? Adducts of some aryltin halides with (E)-1,2-bis(4-pyridyl)ethene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, m207-m211.	0.4	2
5127	$3,3'-(\text{o-Phenylenebis(methyleneoxy)})\text{bis}(6\text{-chloroflavone})$ and $3,3'-(\text{propylenedioxybis}[6\text{-chloro-}2\text{-(}2\text{-furyl)-}4\text{H-}1\text{-benzopyran-}4\text{-one}]$. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o181-o183.	0.4	3
5128	3-Nitrophthalic acid: C(4) and R ²² (8) motifs of $\text{O}^{\text{II}}\text{H}\dots\text{O}$ hydrogen bonds generate sheets which are linked by $\text{C}^{\text{II}}\text{H}\dots\text{O}$ hydrogen bonds. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o144-o146.	0.4	9
5129	N-(4-Methoxybenzylidene)-N'-(2-pyridyl)hydrazine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o192-o193.	0.4	6
5130	Polymeric $\frac{1}{4}$ -bromo- $\frac{1}{4}$ -pyridine-3-carboxylato- $\lambda^3\text{SO}_2\text{O}^{\text{II}}$:N-mercury(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, m165-m167.	0.4	4
5131	Tetra-n-butylammonium tetrakis(pentafluorobenzenethiolato- $\lambda^2\text{S}$)aurate(III). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, m162-m164.	0.4	3

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5133	Four 3-cyanodifurazanyl ethers: potential propellants. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o383-o387.	0.4	12
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5136	4-Bromo-2-(hydroxymethyl)phenol: helical hydrogen bonding, R ₂ ² (12) rings and C-H...O interactions. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o512-o513.	0.4	1
5137	N-(4-Nitrobenzylidene)-N-phenylhydrazine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o528-o529.	0.4	8
5138	2-[(2-Hydroxy-4-nitrophenyl)aminomethylene]cyclohexa-3,5-dien-1(2H)-one. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o601-o602.	0.4	9
5139	O-(2-tert-Butyl-6-dimethylthiocarbamoyl-4-methylphenyl)N,N-dimethylthiocarbamate dichloromethane solvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o577-o579.	0.4	2
5140	5-Chloro-2-hydroxybenzophenone, featuring O-H...O, C-H...O, C-H...N and C-H...F interactions. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o603-o604.	0.4	4
5141	4,4'-bis-(Azinodimethylene)dipyridinium chloranilate dichloromethane disolvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o613-o615.	0.4	5
5142	2-[[Tris(hydroxymethyl)methyl]aminomethylene]cyclohexa-3,5-dien-1(2H)-one and its 6-hydroxy and 6-methoxy derivatives. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o616-o619.	0.4	20
5143	Mechanism of the first-order phase transition of an acylurea derivative: observation of intermediate stages of transformation with a detailed temperature-resolved single-crystal diffraction method. <i>Acta Crystallographica Section B: Structural Science</i> , 2003, 59, 404-415.	1.8	15
5144	Intermolecular C-H...O ₂ N contacts in two polymorphic modifications of (1E)-N'-[(E)-2-cyano-1-(dimethylamino)-2-nitrovinyl]-N,N-dimethylethanimidamide. <i>Acta Crystallographica Section B: Structural Science</i> , 2003, 59, 492-497.	1.8	1
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5147	Tribromoacetic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, o619-o621.	0.2	1
5148	A second polymorph of 3,5-dibromopyridinium bromide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, o632-o634.	0.2	7
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5152	1,6,7-Tris(bromomethyl)naphthalene. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, o899-o900.	0.2	2
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5181	European Commission, Research DG, Human Potential Programme, High-Level Scientific Conferences, Contract HPCF-CT-2002-00270. <i>T. CrystEngComm</i> , 2003, 5, 208.	1.3	86
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7153	Localization and Delocalization of Spin Density in Mixed-Valence (VIV/VV) [(V ₂ O ₃) ₂ (PhPO ₃) ₄ ·F] ⁿ (n = 1, 2) Tj ETQq1 1 0.784314 rg	1.0	4
7154	3582-3593.		
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7275	Silver(I) N-heterocyclic carbene halide complexes: A new bonding motif. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 4962-4968.	0.8	43
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7278	The synthesis and characterisation of four new antimony sulphides incorporating transition-metal complexes. <i>Journal of Physics and Chemistry of Solids</i> , 2007, 68, 1215-1219.	1.9	31
7279	Photosensitized production of singlet oxygen and factors governing its decay in xenon and carbon dioxide supercritical fluids. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 186, 263-269.	2.0	9
7280	Theoretical studies on spectroscopic properties of binuclear palladium(II) halide with phosphine ligands. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 188, 287-292.	2.0	3
7281	Synthesis and mass spectroscopy kinetics of a novel ternary copper(II) complex with cytotoxic activity against cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 649-659.	1.5	69
7282	Unusual coordinating behavior by three non-steroidal anti-inflammatory drugs from the oximicam family towards copper(II). Synthesis, X-ray structure for copper(II) π -isoxicam, π -meloxicam and π -cinnoxicam-derivative complexes, and cytotoxic activity for a copper(II) π -piroxicam complex. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 1140-1152.	1.5	78
7283	Experimental and computer simulation study of delayed fluorescence decay from irradiated n-dodecane solutions of TMPD. <i>Radiation Physics and Chemistry</i> , 2007, 76, 998-1010.	1.4	20
7284	Conformational stability, vibrational assignments, barriers to internal rotations and ab initio calculations of 2-aminophenol (d0 and d3). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 688-700.	2.0	16
7285	Evaluation of molecular mechanics calculated binding energies for isolated and monolayer organic molecules on graphite. <i>Journal of Colloid and Interface Science</i> , 2007, 314, 434-445.	5.0	22
7286	<i>ORNL_SAS</i>: software for calculation of small-angle scattering intensities of proteins and protein complexes. <i>Journal of Applied Crystallography</i> , 2007, 40, 782-785.	1.9	57
7287	o-Chloro- and o-bromobenzonitrile: pseudosymmetry and pseudo-isostructural packing. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007, 63, o14-o16.	0.4	4
7288	1,4,8,11-Tetraazacyclotetradecane antimony(III) sulfide. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007, 63, m27-m29.	0.4	8
7289	π -Stacking and hydrogen bonding in catena-poly[[4,4'-bipyridine- π N]dioxouranium(VI)]-di-1/4-hydroxo]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007, 63, m54-m56.	0.4	12
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7293	X-ray investigations of bicyclic \pm -methylene- $\hat{\Gamma}$ -valerolactones. V. (4 <i>S</i> ,7 <i>R</i> ,8 <i>aR</i>)-7-Isopropenyl-4 <i>a</i> -methyl-3-methyleneperhydrochromen-2-one. Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, o280-o282.	0.4	2
7294	Tris(thianthrene)(2+) bis(dodecamethylcarba-closo-dodecaborate) dichloromethane tetrasolvate: a crossed triple-decker Γ -trimer dication. Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, o347-o349.	0.4	8
7295	Dimethyl 2,2'-bipyridine-6,6'-dicarboxylate and bis(dimethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 627 Td (2,2'-bipyridine-6,6'-dicarboxylate) bis(dimethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 627 Td. Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, m280-m282.	0.4	2
7296	Three polymorphs of 4-(4'-diiodobenzalazine), and 4-chloro-4'-iodobenzalazine. Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, o518-o523.	0.4	1
7297	Poly[($\frac{1}{4}$ -1,1-dioxo-1,2-benzisothiazole-3-thiolato- $\hat{\Gamma}$ - \supset 3- \supset)] ₃ : <i>N</i> : <i>S</i> : \supset 3- \supset]. Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, m395-m397.	0.4	0
7298	2,2,2-Trinitroethanol. Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, o562-o564.	0.4	16
7299	Aqua(dipicolinato- $\hat{\Gamma}$ 3O,N,Oâ€²)(1 <i>H</i> -imidazole- $\hat{\Gamma}$ N3)(1,10-phenanthroline- <i>N,N</i> â€²)manganese(II). Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, m469-m472.	0.4	0
7300	2-Hydroxy-4,6-dimethoxy-3-(3-methylbutanoyl)benzaldehyde. Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, o664-o666.	0.4	1
7301	<i>catena</i> -Poly[[disilver(I)(<i>Ag</i> â€² <i>Ag</i>)-bis($\frac{1}{4}$ -1,1'-butane-1,4-diyl)diimidazole- $\hat{\Gamma}$ - \supset 2- \supset)] ₃ : <i>N</i> : \supset 3- \supset]: <i>N</i> : <i>S</i> : \supset 3- \supset]: a double helix stabilized by ligand-unsupported argentophilic interactions. Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, m516-m518.	0.4	4
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7303	[2-(2-Pyridyl)-1 <i>H</i> -benzimidazole- $\hat{\Gamma}$ 2N2,N3]bis(<i>p</i> -toluato- $\hat{\Gamma}$ 2O,Oâ€²)manganese(II). Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, m618-m621.	0.4	0
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7308	Sodium trifluoromethanesulfonate acetonitrile solvate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m255-m257.	0.2	2
7309	<i>catena</i> -Poly[[bis($\hat{\Gamma}$ -thenoyltrifluoroacetato- $\hat{\Gamma}$ 2O,Oâ€²)copper(II)]- $\frac{1}{4}$ -1,4-di-3-pyridyl-2,3-diaza-1,3-butadiene- $\hat{\Gamma}$ 2N,Nâ€²)]. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m423-m425.	0.2	1

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7312	[$\frac{1}{4}$ -Pyruvic acid benzoylhydrazonato(2 â^{\ominus})]bis[methanoldimethyltin(IV)]. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m1832-m1833.	0.2	3
7313	2-Hydroxy-7-iodocyclohepta-2,4,6-trien-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o1297-o1299.	0.2	1
7314	9-(Bromoacetyl)anthracene. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o1300-o1301.	0.2	3
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7317	N-(5-Bromopyrimidin-4-yl)cyclopropanecarboxamide. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o1761-o1762.	0.2	1
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7324	Bis(DL -valinium) pentafluoridooxidoniobate(V). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m2086-m2086.	0.2	6
7325	Di- $\frac{1}{4}$ 3-oxo-bis($\frac{1}{4}$ 2-2,3,4,5-tetrafluorobenzoato- â^{\ominus})bis(2,3,4,5-tetrafluorobenzoato- â^{\ominus})tetrakis[dimethyltin(IV)]. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m2035-m2036.	0.2	1
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7765	[C ₆ F ₅ Xe] ⁺ and [C ₆ F ₅ XeNCCH ₃] ⁺ Salts of the Weakly Coordinating Borate Anions, [BY ₄] ⁻ (Y = CN, CF ₃ ,) Tj ETQq _{1,1} 0.784314 rgB (1.9) 36	1.9	36
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9821	2-(1,3-Benzoxazol-2-yl)-1-phenylethenyl benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o2723-o2723.	0.2	0
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9825	catena-Poly[copper(II)-{ $\frac{1}{4}$ -4,4-dichloro-2,2-[butane-1,4-diylbis(nitrilomethanylylidene)]diphenolato- $\frac{1}{4}$ N,O;Na ⁺ ,O ²⁻ ,O ²⁻ }. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m497-m498.	0.2	3
9826	(1 <i>H</i> -Benzimidazole-5-carboxylic acid- $\frac{1}{3}$ N³)(1 <i>H</i> -benzimidazole-6-carboxylic) Tj ETQq0 0 0 rgBT /Overlock Online, 2011, 67, m494-m495.	0.2	2
9827	Bis($\frac{1}{4}$ -2-tert-butylphenylimido-1,2- $\frac{1}{2}$ N:N)chlorido-2- $\frac{1}{2}$ Cl-(diethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 67 Td (ether- $\frac{1}{2}$ O)(2- $\frac{1}{2}$ p Structure Reports Online, 2011, 67, m688-m689.	0.2	1

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9868	Bis{2-[(pyridin-4-yl- \hat{N})sulfanyl]pyrazine}silver(I) tetrafluoridoborate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m4-m4.	0.2	2
9869	(E)-3,4,7,8-Octamethyl-2H,2H-1,1-bi(cyclopenta[fg]acenaphthylenylidene)-2,5,5,6,6-hexaone dichloromethane monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o1458-o1459.	0.2	1
9870	catena-Poly[$\frac{1}{4}$ -(3,4,6,6-tetrabromo-2,2-[butane-1,4-diylbis(nitrilomethanylylidene)]diphenolato) $\frac{1}{4}$ -(2,4,6,6-tetrabromo-2,2-[butane-1,4-diylbis(nitrilomethanylylidene)]diphenolato)]dioxidomolybdenum(VI). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m1018-m1019.	0.2	0
9871	{4,6-Tetrachloro-2,2-[2,2-dimethylpropane-1,3-diylbis(nitrilomethanylylidene)]diphenolato}dioxidomolybdenum(VI). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m1251-m1252.	0.2	0
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9875	{(E)-4-Hydroxy-N-[phenyl(pyridin-2-yl- \hat{N})methylidene]benzohydrazide- \hat{N} 2N \hat{O} }bis(nitrato- \hat{O} 2O \hat{O})copper(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m132-m133.	0.2	3
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9877	1-Iodo-4-methoxy-2-nitrobenzene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o761-o761.	0.2	2
9878	1-[(Z)-2-Butyltellanyl-1-chloroethenyl]cyclohex-1-ene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o854-o855.	0.2	0
9879	5,17-Dibromo-26,28-bis[(methoxycarbonyl)methoxy]-25,27-dipropoxy-2,8,14,20-tetrathiacalix[4]arene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o1353-o1354.	0.2	1
9880	2-[2-(Trifluoromethyl)phenyl]-2H-1-benzopyran-4(3H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o1522-o1522.	0.2	0
9881	{4,6-Tetrabromo-2,2-[2,2-dimethylpropane-1,3-diylbis(nitrilomethanylylidene)]diphenolato}nickel(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m753-m753.	0.2	1
9882	{4,6-Tetraiodo-2,2-[2,2-dimethylpropane-1,3-diylbis(nitrilomethanylylidene)]diphenolato}copper(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m752-m752.	0.2	1

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9883	{4,4,6,6-Tetraiodo-2,2-[(2,2-dimethylpropane-1,3-diyl)bis(nitrilomethanylylidene)]diphenolato}nickel(II). Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m935-m935.	0.2	1
9884	Aqua{4,4,6,6-tetrachloro-2,2-[(2,2-dimethylpropane-1,3-diyl)bis(nitrilomethanylylidene)]diphenolato}zinc. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m936-m937.	0.2	0
9885	catena-Poly[$\frac{1}{4}$ 3-4,4,6,6-tetrachloro-2,2-[(butane-1,4-diyl)bis(nitrilomethanylylidene)]diphenolato] $\frac{1}{4}$ 2-4,4,6,6-tetrachloro-2,2-[(2,2-dimethylpropane-1,3-diyl)bis(nitrilomethanylylidene)]diphenolato}. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m999-m1000.	0.2	0
9886	4,6-Dichloro-2-[(E)-(2-[(E)-3,5-dichloro-2-oxidobenzylidene]azaniumyl)ethyl]iminiumylmethyl]phenolate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2242-o2243.	0.2	2
9887	Poly[$\frac{1}{4}$ 2-1,4-bis(imidazol-1-ylmethyl)benzene] $\frac{1}{4}$ 4-3,5,9,11-tetraoxo-4,10-diazatetracyclo[5.5.2.0.2,6.0.8,12]tetradec-13-ene-4,10-diide. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1289-m1290.	0.2	0
9888	Dioxido{4,4,6,6-tetrabromo-2,2-[(2,2-dimethylpropane-1,3-diyl)bis(nitrilomethanylylidene)]diphenolato}molybdenum(VI). Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1297-m1298.	0.2	0
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9890	(Acetato- $\hat{\rho}$ O)(acetato- $\hat{\rho}$ O, $\hat{\rho}$ O)bis(1,3-diazinane-2-thione- $\hat{\rho}$ S)cadmium(II). Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1352-m1353.	0.2	7
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10043	Mesityltellurenyl Cations Stabilized by Triphenylpnictogens [MesTe(EPh ₃)] ⁺ (E) Tj ETQq0,0,0 rgBT /Overlock 1	1.9	44
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10282	[Bi(N ₃) ₄] ⁺ , [Bi(N ₃) ₅] ²⁺ , [bipy·Bi(N ₃) ₅] ²⁺ , [Bi(N ₃) ₆] ³⁺ , [bipy·As(N ₃) ₃], [bipy·Sb(N ₃) ₃], and [(bipy) ₂ ·Bi(N ₃) ₃] ₂ and on the Lone Pair Activation of Valence Electrons. <i>Inorganic Chemistry</i> , 2012, 51, 1127-1141.	1.9	48
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10284	Novel intercluster compound between a heptakis{triphenylphosphinegold(i)}dioxonium cation and an 1±-Keggin polyoxometalate anion. <i>Dalton Transactions</i> , 2012, 41, 10085.	1.6	15
10285	Copper(i) coordination polymers of 2,2'-dipyridylamine derivatives: syntheses, structures, and luminescence. <i>Dalton Transactions</i> , 2012, 41, 5280.	1.6	60
10286	Ionic Liquid Based on 1±-Amino Acid Anion and N7,N9-Dimethylguaninium Cation ([dMG][AA]): Theoretical Study on the Structure and Electronic Properties. <i>Journal of Physical Chemistry A</i> , 2012, 116, 5436-5444.	1.1	30

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10288	Two metal-organic frameworks with unique high-connected binodal network topologies: synthesis, structures, and catalytic properties. <i>CrystEngComm</i> , 2012, 14, 4210.	1.3	196
10291	Density Functional Theory Study of the Mechanism of the Rhodium(I)-Catalyzed Conjugated Diene Assisted Allylic C-H Bond Activation and Addition to Alkenes Using Ene-2-dienes As Substrates. <i>Organometallics</i> , 2012, 31, 5185-5195.	1.1	37
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10293	An Environmentally Friendly Class of Fluoropolyether: $\hat{\pm}$, $\hat{\text{I}}\%$ -Dialkoxyfluoropolyethers. <i>Applied Sciences (Switzerland)</i> , 2012, 2, 351-367.	1.3	13
10294	Hot and Dry Cleaning of Biomass-Gasified Gas Using Activated Carbons with Simultaneous Removal of Tar, Particles, and Sulfur Compounds. <i>Catalysts</i> , 2012, 2, 281-298.	1.6	11
10295	Synthesis and Properties of 2-Alkylidene-1,3-dithiolo[4,5-d]-4,5-ethylenediselenotetrathiafulvalene Derivatives and Crystal Structures of Their Cation Radical Salts. <i>Crystals</i> , 2012, 2, 393-412.	1.0	4
10296	Metallic One-Dimensional Conductors Composed of Axially Ligated (Phthalocyanato)CoIII with Supramolecular Cations of A(EtOH) ₄ (A = Na and K). <i>Crystals</i> , 2012, 2, 946-957.	1.0	1
10297	Synthesis, Structures and Properties of Molecular Conductors Based on Bis-Fused Donors Composed of (Thio)Pyran-4-ylidene-1,3-dithiole and Tetraselenafulvalene. <i>Crystals</i> , 2012, 2, 1092-1107.	1.0	4
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10304	Hydrogen-bonded assembly in six closely related pyrazolo[3,4-b]pyridine derivatives; a simple chain, three types of chains of rings and a complex sheet structure. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2012, 68, o12-o18.	0.4	1
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10307	Combined experimental and computational modeling studies on 3,5-dimethyl- $\hat{\text{C}}$ pyrazole- $\hat{\text{C}}$ carbodithioic acid benzyl ester. <i>International Journal of Quantum Chemistry</i> , 2012, 112, 373-381.	1.0	4

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10432	Structure-based prediction of protein-protein binding affinity with consideration of allosteric effect. <i>Amino Acids</i> , 2012, 43, 531-543.	1.2	45
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10435	Anion recognition based on halogen bonding: a case study of macrocyclic imidazoliophane receptors. <i>Journal of Molecular Modeling</i> , 2012, 18, 3311-3320.	0.8	5
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10440	Organotellurium halides: New ligands for transition metal complexes. <i>Coordination Chemistry Reviews</i> , 2012, 256, 709-721.	9.5	27

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10442	Contact geometry and electronic transport properties of Ag-benzene-Ag molecular junctions. <i>Chemical Physics</i> , 2012, 397, 82-86.	0.9	6
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10460	Synthesis, structure and photoluminescence properties of silver(I) coordination polymers with bis(4-pyridyl)benzylamine. <i>Inorganic Chemistry Communication</i> , 2012, 16, 12-16.	1.8	13
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10472	Experimental and quantum chemical computational study of (E)-1-[5-(3,4-dimethylphenyldiazenyl)-2-hydroxyphenyl]ethanone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 93, 208-213.	2.0	19
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10474	Single stranded helical chains of C-H...N interactions further connected by halogen-halogen interactions of type I to construct supramolecular structure of (E)-5-(diethylamino)-2-[(4-iodophenylimino)methyl]phenol compound. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 94, 200-204.	2.0	12
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10478	Diamino-organosilicone APTMDS: A new cross-linking agent for polyimides membranes. <i>Separation and Purification Technology</i> , 2012, 86, 221-233.	3.9	44
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10480	Thermal induced structural rearrangement of cardo-copolybenzoxazole membranes for enhanced gas transport properties. <i>Journal of Membrane Science</i> , 2012, 397-398, 51-65.	4.1	92
10481	Molecular engineering of PIM-1/Matrimid blend membranes for gas separation. <i>Journal of Membrane Science</i> , 2012, 407-408, 47-57.	4.1	176
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10490	A novel one-dimensional mixed ligands silver(I) coordination polymer containing two different chains. <i>Journal of Molecular Structure</i> , 2012, 1014, 70-73.	1.8	6
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10505	A structural and spectroscopic study of tris-aryl substituted R ₃ PI ₂ adducts. <i>Polyhedron</i> , 2012, 35, 31-46.	1.0	17
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10511	Characterization of interfaces in Poly (styrene-co-acrylonitrile) (SAN) based ternary polymer blends: A new approach from positron lifetime spectroscopy. <i>Polymer</i> , 2012, 53, 842-850.	1.8	13
10512	Mutual solubility measurements and correlations of imidazolium-based ionic liquid mixtures with alcohols. <i>Journal of Chemical Thermodynamics</i> , 2012, 46, 72-79.	1.0	7

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10518	Ternary (liquid+liquid) equilibria for (water+2-propanol+1-pinene, or 1-pinene) mixtures at four temperatures. <i>Journal of Chemical Thermodynamics</i> , 2012, 51, 144-149.	1.0	15
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10524	Platinum-DNA interstrand crosslinks: Molecular determinants of bending and unwinding of the double helix. <i>Journal of Inorganic Biochemistry</i> , 2012, 108, 69-79.	1.5	17
10525	The electronic and topological properties of interactions between 1-butyl-3-methylimidazolium hexafluorophosphate/tetrafluoroborate and thiophene. <i>Journal of Molecular Graphics and Modelling</i> , 2012, 36, 36-41.	1.3	15
10526	4-(4,5-Dimethyl-1,2-phenylene)bis(2-methylbut-3-yn-2-ol): structural variation in vicinal dialkynols. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2012, 68, o179-o182.	0.4	0
10527	(2R,4R)-7-Fluoro-2-(2-phenylethyl)-2,3,4,5-tetrahydro-1H-1,4-epoxy-1-benzazepine and (2R,4R)-7-chloro-2-(2-phenylethyl)-2,3,4,5-tetrahydro-1H-1,4-epoxy-1-benzazepine are isomorphous but not strictly isostructural. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2012, 68, o195-o198.	0.4	8
10528	Competing intermolecular interactions in some 'bridge-flipped' isomeric phenylhydrazones. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2012, 68, o270-o278.	0.4	5
10529	(Acetylacetonato- η^2 O, η^2)[1-(4-bromophenyl)-3-methylimidazol-2-ylidene- η^2]platinum(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2012, 68, m203-m205.	0.4	14
10530	A novel one-dimensional silver cylinder stabilized by mixed 2-mercaptobenzoic acid and ethylenediamine ligands. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2012, 68, m229-m232.	0.4	0

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10732	of [F ₃ Xe-FH][Sb ₂ F ₁₁] and [H ₅ F ₄][SbF ₆] ⁺ [F ₃ Xe-FH][Sb ₂ F ₁₁] and [H ₅ F ₄][SbF ₆] ⁺ (<i>n</i> =) Tj ETQq1 1 0.784314	6.6	39
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10963	Effect of halogen bonding interaction on supramolecular assembly of halogen-substituted phenylpyrazinamides. <i>CrystEngComm</i> , 2013, 15, 3222.	1.3	23
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11074	Functional-Segment Activity Coefficient Model. 1. Model Formulation. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 11159-11171.	1.8	32
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11197	Improved Generalized Born Solvent Model Parameters for Protein Simulations. <i>Journal of Chemical Theory and Computation</i> , 2013, 9, 2020-2034.	2.3	387
11198	$\text{cis-Dichlorido[3,6,9-trithiabicyclo[9.3.1]pentadecane-}\hat{I}^2\text{S}_3\text{,S}_6\text{]palladium(II) acetonitrile 0.8-solvate}$. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013, 69, 727-729.	0.4	0
11199	Exploring the Scope of a Novel Ligand Class: Synthesis and Catalytic Examination of Metal Complexes with \hat{I}^2 -Normal™ 1,2,3-Triazolylidene Ligands. <i>Inorganic Chemistry</i> , 2013, 52, 6142-6152.	1.9	33
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11207	Density functional theory, natural bond orbital and quantum theory of atoms in molecule analyses on the hydrogen bonding interactions in tryptophan-water complexes. <i>Journal of Chemical Sciences</i> , 2013, 125, 949-958.	0.7	20
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11210	Experimental Measurements and Modeling of Solubility and Diffusivity of CO ₂ in Polypropylene/Micro- and Nanocalcium Carbonate Composites. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 5100-5110.	1.8	21
11211	Solid ^â Liquid Phase Equilibrium of <i>N,N</i> -(Methylenedi-4,1-phenylene)bis(phosphoramidic) Tj ETQq0 0 0 rgBT /Overlock 10916-10923.	1.8	12
11212	Selectivity of the Highly Preorganized Tetradentate Ligand 2,9-Di(pyrid-2-yl)-1,10-phenanthroline for Metal Ions in Aqueous Solution, Including Lanthanide(III) Ions and the Uranyl(VI) Cation. <i>Inorganic Chemistry</i> , 2013, 52, 15-27.	1.9	33
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11221	Synthesis and Solid-State Molecular Structure of Bi(silacyclohexyls) C ₅ H ₁₀ Si _X SiC ₅ H ₁₀ with X = H, PH, F, CL, BR, and I. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 931-940.	0.8	0
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11225	Interplay of bite angle and cone angle effects. A comparison between <i>o</i> -C ₆ H ₄ (CH ₂) ₂ (PR ₂) ₂ (PR ²) and <i>o</i> -C ₆ H ₄ (CH ₂) ₂ (CH ₂) ₂ (PR ²) as ligands for Pd-catalysed ethene hydromethoxycarbonylation. <i>Dalton Transactions</i> , 2013, 42, 100-115.	1.6	31
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11246	Synthesis and photophysical properties of 2,5,8,11-tetrakis(5-hexylthiophen-2-yl)tetrathieno[2,3- <i>a</i> : <i>c</i> :2' <i>a</i> ':2' <i>c</i> ']iron(II) complex. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013, 69, 634-637.	0.4	2
11247	2-Amino-5-iodopyridinium bromide hemihydrate and 2-amino-5-iodopyridinium chloride monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013, 69, 1152-1156.	0.4	2
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11249	Different Zn ^{II} cation coordination geometries in di-1/4-acetato-bis[2-chloro-6-[(pyridine-2-ylmethylimino)methyl]phenol]dizinc(II) chloroform monosolvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013, 69, 1348-1350.	0.4	2
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11277	Bis(1,1,1,5,5,5-hexafluoropentane-2,4-dionato)tetrakis(1,1,1,5,5,5-hexafluoropentane-2,2,4,4-tetraolato)copper(II)octatin(II): a prospective precursor for Cu-doped SnO ₂ films. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013, 69, 1427-1430.	0.4	1
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11447	6-Fluoroindan-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o841-o841.	0.2	1
11448	Crystal structure of <i>cis</i> -bis[4-phenyl-2-(1,2,3,4-tetrahydronaphthalen-1-ylidene)hydrazinecarbothioamidato ²⁻ ·N ₂ S ₂ ·1/3 monohydrate tetrahydrofuran disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, 101-103.	0.2	3
11449	Three different fluoro- or chloro-substituted 1 ² -deoxy-1 ² -phenyl- ² -D-ribofuranoses. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 400-404.	0.2	1
11450	1-(Bromomercurio)ferrocene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, m13-m13.	0.2	0
11451	6-Chloro-4-oxo-4H-chromene-3-carbaldehyde. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o514-o514.	0.2	11
11452	<i>catena</i> -Poly[[pyrazine-2-carboxamide ²⁻ ·N ₄ ·copper(I)] ³⁻ ·iodido]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, m267-m268.	0.2	2
11453	Crystal structures of isotypic poly[bis(benzimidazolium) [tetra ^{1/4} -iodido-stannate(II)]] and poly[bis(5,6-difluorobenzimidazolium) [tetra ^{1/4} -iodido-stannate(II)]]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, 178-182.	0.2	9
11454	Crystal structure of azido(¹ -5-cyclopentadienyl)bis(triphenylphosphane ²⁻ ·P)ruthenium(II) dichloromethane hemisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, m345-m346.	0.2	0
11455	Crystal structure of (pyridin-2-ylmethylidene)(triphenylmethyl)amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o1094-o1095.	0.2	1
11456	A one-dimensional silver(I) coordination polymer based on an asymmetric flexible N-donor carboxylate ligand: <i>catena</i> -poly[(^{1/3} -4-[(1-phenyl-1H-tetrazol-5-yl)sulfanyl]methyl)benzoato ³⁻ ·O ₂ ·N ₄]silver(I)]. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 292-296.	0.2	0
11457	Poly[(^{1/4} -pentafluorobenzoato ²⁻ ·O ₂ ·O ₂ ·(pentafluorobenzoato ²⁻ ·O ₂ ·O ₂) ²⁻ ·pyrazine ²⁻ ·O ₂ ·O ₂)] a coordination polymer linked into a three-dimensional network by intermolecular C ² H...F ² C interactions. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 1017-1020.	0.2	3
11458	Ionothermal synthesis and crystal structure of a new organic ² -inorganic hybrid compound: <i>catena</i> -poly[bis(1-ethyl-3-methylimidazolium) [hepta ^{1/4} -bromido-pentacuprate(I)]]. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 1021-1024.	0.2	0

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11702	Free energy change for insertion of charged, monolayer-protected nanoparticles into lipid bilayers. <i>Soft Matter</i> , 2014, 10, 648-658.	1.2	58
11703	Si-H bond activation at $\{(\text{NHC})_2\text{NiO}\}$ leading to hydrido silyl and bis(silyl) complexes: a versatile tool for catalytic Si-H/D exchange, acceptorless dehydrogenative coupling of hydrosilanes, and hydrogenation of disilanes to hydrosilanes. <i>Dalton Transactions</i> , 2014, 43, 10816.	1.6	66
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12880	Prediction of neutral noble gas insertion compounds with heavier pnictides: FNgY (Ng = Kr and Xe; Y =) <i>TJ ETQq1 1 0,784314,rgBT /Over</i>	1.3	21
12881	Preparation, structural organization, and thermal behavior of the ion-polymeric gold(III)-zinc(II)-dibutylammonium complex ([NH ₂ (C ₄ H ₉) ₂][Au{S ₂ CN(C ₄ H ₉) ₂] ₂][ZnCl ₄]) _n . <i>Journal of Structural Chemistry</i> , 2016, 57, 146-154.	0.3	8
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14073	Three-Dimensional Polymeric Thallium(I) Morpholinedithiocarbamate $[Th_2\{S_2CN(CH_2)_4O\}_2]_n$ and its Capability of Binding Gold(III) from Solutions: Chemisorption Synthesis of a Heteronuclear Gold(III)-Thallium(III) Complex of the Ionic Type, $[Au\{S_2CN(CH_2)_4O\}_2][TlCl_4]_n$, the Role of Secondary Interactions $Tl \cdots O$, $Tl \cdots S$, and $Au \cdots S$ in the Supramolecular Self-Organization, ^{13}C MAS NMR, and Thermal. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2017, 43, 638-651.	0.3	5
14074	A Series of Cu^{2+} Complexes of 10-(Aryl)phenoxarsines: Synthesis and Structural Diversity. <i>ChemistrySelect</i> , 2017, 2, 11755-11761.	0.7	12
14075	Generalized Nash Equilibrium Problems, Bilevel Programming and MPEC. <i>Forum for Interdisciplinary Mathematics</i> , 2017, , .	0.8	5
14076	A hybrid imidazolylidene/imidazolium nickel NHC complex: an isolated intermediate. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017, 73, 880-884.	0.2	1
14077	Computer simulations of alkali-acetate solutions: Accuracy of the forcefields in difference concentrations. <i>Journal of Chemical Physics</i> , 2017, 147, 194102.	1.2	9
14078	Synthesis and crystal structure of bis($\frac{1}{4}$ -2-methylbenzenethiolato- μ_2 S)bis[methyl(2-methylbenzenethiolato- μ_2 S)indium(III)]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 481-483.	0.2	0
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14080	7. Solid State Structures of Lead Complexes with Relevance for Biological Systems. , 2017, 17, 123-200.		2
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14082	Anion-Arene Interactions and the Anion- π Phenomenon. , 2017, , 149-184.		1
14083	4,2- μ_6 and 3,2- μ_6 Terpyridines: The Conflict between Well-Defined Vectorial Properties and Serendipity in the Assembly of 1D-, 2D- and 3D-Architectures. <i>Materials</i> , 2017, 10, 728.	1.3	9
14084	Charge Ordering Transitions of the New Organic Conductors β - and β' -(BEDT-TTF) $_2$ TaF $_6$. <i>Magnetochemistry</i> , 2017, 3, 14.	1.0	7
14085	A Study of Intramolecular Hydrogen Bonding in Levoglucosan Derivatives. <i>Molecules</i> , 2017, 22, 518.	1.7	14
14086	Multicenter (FX) $_n$ /NH $_3$ Halogen Bonds (X = Cl, Br and n = 1-5). QTAIM Descriptors of the Strength of the $X \cdots N$ Interaction. <i>Molecules</i> , 2017, 22, 2034.	1.7	15
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14088	Tacticity-Dependent Interchain Interactions of Poly(N-Isopropylacrylamide) in Water: Toward the Molecular Dynamics Simulation of a Thermoresponsive Microgel. <i>Gels</i> , 2017, 3, 13.	2.1	8
14089	Tetrel, Chalcogen, and Charge-Assisted Hydrogen Bonds in 2-((2-Carboxy-1-(substituted)-2-hydroxyethyl)thio) Pyridin-1-ium Chlorides. <i>Crystals</i> , 2017, 7, 327.	1.0	6

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14091	A one-dimensional silver(I) coordination polymer based on 5-methyl-1,3,4-thiadiazol-2-amine and pyridine-2,3-dicarboxylate. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017, 73, 498-502.	0.2	1
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14095	Unexpected beauty and diversity in the structures of three homologous 4,5-dialkoxy-1-ethynyl-2-nitrobenzenes: the subtle interplay between intermolecular C-H...O hydrogen bonds and alkyl chain length. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017, 73, 814-819.	0.2	1
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14102	Interaction between dyes and iodide mediators in p-type dye-sensitized solar cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 357, 60-71.	2.0	1
14103	Structural preferences in strong anion- π and halogen-bonded complexes: π - and f -holes vs. frontier orbitals interaction. <i>New Journal of Chemistry</i> , 2018, 42, 10572-10583.	1.4	19
14104	Controlling the spin state of diphenylcarbene via halogen bonding: A theoretical study. <i>International Journal of Quantum Chemistry</i> , 2018, 118, e25616.	1.0	4
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14106	Solubility of d-Element Salts in Organic and Aqueous Organic Solvents: VI.1 Structure and Thermal Stability of Cadmium Iodide and Bromide Solvates with Dimethylacetamide and Dimethylformamide. <i>Russian Journal of General Chemistry</i> , 2018, 88, 1-6.	0.3	6
14107	A computational study on the strength and nature of bifurcated aerogen bonds. <i>Chemical Physics Letters</i> , 2018, 698, 1-6.	1.2	17

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14109	Access to benzo-fused nine-membered heterocyclic alkenes with a trifluoromethyl carbinol moiety via a double decarboxylative formal ring-expansion process under palladium catalysis. <i>Chemical Science</i> , 2018, 9, 3276-3281.	3.7	111
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14111	Konfigurationsisomerie in Polyoxovanadaten. <i>Angewandte Chemie</i> , 2018, 130, 3024-3028.	1.6	8
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14113	Theoretical studies on glycolysis of poly(ethylene terephthalate) in ionic liquids. <i>RSC Advances</i> , 2018, 8, 8209-8219.	1.7	35
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14121	Halogen-bond driven self-assembly of triangular macrocycles. <i>New Journal of Chemistry</i> , 2018, 42, 10467-10471.	1.4	22
14122	<i>N</i> -Oxide... <i>N</i> -oxide interactions and Cl...Cl halogen bonds in pentachloropyridine <i>N</i> -oxide: the many-body approach to interactions in the crystal state. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 113-119.	0.2	12
14123	Noncovalent Interactions of π -Systems with Sulfur: The Atomic Chameleon of Molecular Recognition. <i>Angewandte Chemie</i> , 2018, 130, 1207-1212.	1.6	25
14124	Mercury halide coordination polymers exhibiting reversible structural transformation. <i>CrystEngComm</i> , 2018, 20, 2126-2134.	1.3	12
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14127	Preparation and gas permeation of crown ether-containing co-polyimide with enhanced CO ₂ selectivity. <i>Journal of Membrane Science</i> , 2018, 551, 191-203.	4.1	38
14128	Hydrogen Bonds: Simple after All?. <i>Biochemistry</i> , 2018, 57, 3338-3352.	1.2	181
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14130	Anisotropic Proton Conductivity Arising from Hydrogen-Bond Patterns in Anhydrous Organic Single Crystals, Imidazolium Carboxylates. <i>Journal of Physical Chemistry C</i> , 2018, 122, 11623-11632.	1.5	37
14131	The Difference Se Makes: A Dppf-Supported Nickel Selenolate Complex Boosts Dihydrogen Evolution with High Oxygen Tolerance. <i>Chemistry - A European Journal</i> , 2018, 24, 8275-8280.	1.7	26
14132	Microwave Spectrum and Molecular Structure of the Chiral Tagging Candidate, 3,3,3-Trifluoro-1,2-epoxypropane and Its Complex with the Argon Atom. <i>Journal of Physical Chemistry A</i> , 2018, 122, 4670-4680.	1.1	14
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14134	Irreversible exchange of potassium with thallium in coordination polymer nanostructures upon solid-state Mechanochemical process. <i>Inorganic Chemistry Communication</i> , 2018, 92, 95-100.	1.8	6
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14136	2D Perovskites with Short Interlayer Distance for High-Performance Solar Cell Application. <i>Advanced Materials</i> , 2018, 30, e1800710.	11.1	297
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14138	The Nature of the Interactions in Triethanolammonium-Based Ionic Liquids. A Quantum Chemical Study. <i>Journal of Physical Chemistry A</i> , 2018, 122, 4562-4570.	1.1	17
14139	Halogen bonding two-point recognition with terphenyl derivatives. <i>New Journal of Chemistry</i> , 2018, 42, 10476-10480.	1.4	17
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14142	Quantum chemical approach for condensed-phase thermochemistry (V): Development of rigid-body type harmonic solvation model. <i>Chemical Physics Letters</i> , 2018, 700, 149-155.	1.2	3
14143	When Is Ligand p <i>K</i> _a a Good Descriptor for Catalyst Energetics? In Search of Optimal CO ₂ Hydration Catalysts. <i>Journal of Physical Chemistry A</i> , 2018, 122, 4579-4590.	1.1	12

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14145	X-ray Diffraction and Density Functional Theory Provide Insight into Vanadate Binding to Homohexameric Bromoperoxidase II and the Mechanism of Bromide Oxidation. <i>ACS Chemical Biology</i> , 2018, 13, 1243-1259.	1.6	4
14146	Theory of Excitation Transfer between Two-Dimensional Semiconductor and Molecular Layers. <i>Physical Review Applied</i> , 2018, 9, .	1.5	4
14147	Aromatic sulfonium polyoxomolybdates: tuning the photochromic properties through substitutions on the counter ion moiety. <i>CrystEngComm</i> , 2018, 20, 2733-2740.	1.3	11
14148	Sulfur(lone-pair)â€¦Iâ€¦ interactions with FAD in flavoenzymes. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2018, 233, 531-537.	0.4	6
14149	Molecular weight-dependent physisorption of non-charged poly(9,9-dioctylfluorene) onto the neutral surface of cuboidal Î³-alumina in toluene. <i>Polymer Journal</i> , 2018, 50, 865-877.	1.3	2
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14156	Adsorption equilibria of VOCs (<i>n</i> -octane, propylene glycol monomethyl ether, ethanol, and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 267 T Equilibria, 2018, 462, 59-64.	1.4	23
14157	XeO3 adducts of pyridine, 4-dimethylaminopyridine, and their pyridinium salts. <i>Journal of Fluorine Chemistry</i> , 2018, 211, 60-69.	0.9	14
14158	High-resolution X-ray diffraction determination of the electron density of 1-(8-PhSC ₁₀ H ₆)SS(C ₁₀ H ₆)SPh-8-1â€² with the QTAIM approach: evidence for S ₄ f(4câ€²â€²6e) at the naphthalene <i>peri</i> -positions. <i>RSC Advances</i> , 2018, 8, 9651-9660.	1.7	12
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14161	Ordnung muss sein: heteroelement order and disorder in polyoxovanadates. <i>Dalton Transactions</i> , 2018, 47, 6672-6674.	1.6	4

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14163	A Potential for the Simulation of Siliceous Zeolites Fit to the Infrared Spectra of Silica Polymorphs. <i>Journal of Physical Chemistry C</i> , 2018, 122, 11345-11354.	1.5	5
14164	Cooperative halogen bonding and polarized π -stacking in the formation of coloured charge-transfer co-crystals. <i>New Journal of Chemistry</i> , 2018, 42, 10615-10622.	1.4	8
14165	Solvation thermodynamics of anti-tuberculosis Isoniazid in aqueous and in aqueous electrolytic media. <i>Journal of Chemical Thermodynamics</i> , 2018, 123, 128-139.	1.0	16
14166	Mechanism of generation of closo-decaborate amidrazones. Intramolecular non-covalent π - π (Ph) interaction determines stabilization of the configuration around the amidrazone C=N bond. <i>New Journal of Chemistry</i> , 2018, 42, 8693-8703.	1.4	52
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14168	Structural Change upon One-Electron Reduction of an Isolable Dialkylsilylene. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 684-686.	2.0	0
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14172	Protonation of inorganic 5-Fluorocytosine salts. <i>Journal of Molecular Structure</i> , 2018, 1161, 412-423.	1.8	1
14173	Density functional theoretical analysis with experimental, invitro bioactivity and molecular docking investigations on the pesticide Albendazole. <i>Chemical Physics Letters</i> , 2018, 695, 1-7.	1.2	7
14174	Effects of different carboxylates and pyrazine ligands on silver(I) coordination polymers: Syntheses, crystal structures, thermal stabilities and photoluminescent properties. <i>Inorganic Chemistry Communication</i> , 2018, 90, 15-21.	1.8	3
14175	Triptycene-containing poly(benzoxazole-co-imide) membranes with enhanced mechanical strength for high-performance gas separation. <i>Journal of Membrane Science</i> , 2018, 551, 305-314.	4.1	59
14176	The structure-property-performance relationship of disulfonated naphthyl pendants bearing poly(aryl ether)s for polymer electrolyte membrane applications. <i>Journal of Membrane Science</i> , 2018, 555, 45-55.	4.1	19
14177	Efficient CO ₂ /N ₂ and CO ₂ /CH ₄ separation using NH ₂ -MIL-53(Al)/cellulose acetate (CA) mixed matrix membranes. <i>Separation and Purification Technology</i> , 2018, 199, 140-151.	3.9	130
14178	Protic and substituted NCN palladium(II) pincer complexes with 1,3-bis(benzimidazol-2-yl)-2-bromobenzenes: Structure and catalysis. <i>Journal of Organometallic Chemistry</i> , 2018, 859, 33-43.	0.8	9
14179	Self-assembled 1D infinite inorganic [2]catenane and 2D sheet framework with calix[8]phenylazoimidazole and [4+4]metallomacrocyclic motifs based on silver and ditopic bis(imidazolyl)methane ligands. <i>Journal of Molecular Structure</i> , 2018, 1160, 222-226.	1.8	4

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14183	Ether bond effects in quaternary ammonium and phosphonium ionic liquid-propanol solutions. <i>Chemical Physics</i> , 2018, 502, 87-95.	0.9	6
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14185	Hydrogen-Bonding Interactions in Pyridinium-Based Ionic Liquids and Dimethyl Sulfoxide Binary Systems: A Combined Experimental and Computational Study. <i>ACS Omega</i> , 2018, 3, 1823-1833.	1.6	53
14186	Facile storage and release of white phosphorus and yellow arsenic. <i>Nature Communications</i> , 2018, 9, 361.	5.8	44
14187	Salts of Sterically Hindered Chalcogenate Varied Herz Cations Including Those with [Te ₃ Cl ₁₄] ²⁺ and [Te ₄ Cl ₁₈] ²⁺ Anions. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1322-1332.	1.0	12
14188	Molecular modeling of immersion optical clearing of biological tissues. <i>Journal of Molecular Modeling</i> , 2018, 24, 45.	0.8	19
14189	Reversible Redox, Spin Crossover, and Superexchange Coupling in 3 <i>d</i> Transition-Metal Complexes of <i>Bis</i> -azanyl Analogues of 2,2':6''-terpyridine. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1212-1223.		8
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14192	Probing halogen-halogen interactions via thermal expansion analysis. <i>CrystEngComm</i> , 2018, 20, 1769-1773.	1.3	15
14193	Activation of SF ₆ at a Xantphos-Type Rhodium Complex. <i>Organometallics</i> , 2018, 37, 821-828.	1.1	30
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14195	Nature of MoH \cdot I bonds in Cp ₂ Mo(L)H \cdot I \cdot Complexes (L=H, CN, PPh ₂), Tj ETQq1 1 0.784 Applied Organometallic Chemistry, 2018, 32, e4258.	1.7	4
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14199	Aqueous OH Radical Reaction Rate Constants for Organophosphorus Flame Retardants and Plasticizers: Experimental and Modeling Studies. <i>Environmental Science & Technology</i> , 2018, 52, 2790-2799.	4.6	67
14200	Reconstruction of Atomistic Structures from Coarse-Grained Models for Protein-DNA Complexes. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 1682-1694.	2.3	27
14201	From Noncovalent Chalcogen-Chalcogen Interactions to Supramolecular Aggregates: Experiments and Calculations. <i>Chemical Reviews</i> , 2018, 118, 2010-2041.	23.0	244
14202	Accelerating Chemical Discovery with Machine Learning: Simulated Evolution of Spin Crossover Complexes with an Artificial Neural Network. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1064-1071.	2.1	145
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14204	Thermodynamics and proton activities of protic ionic liquids with quantum cluster equilibrium theory. <i>Journal of Chemical Physics</i> , 2018, 148, 193822.	1.2	30
14205	Formation of Linear Side-Chain Polypseudorotaxane with Supramolecular Polymer Backbone through Neutral Halogen Bonds and Pillar[5]arene-Based Host-Guest Interactions. <i>Chemistry - A European Journal</i> , 2018, 24, 4264-4267.	1.7	40
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14207	Synthesis and characterization of a phosphine oxide based poly(arylene ether ketone) and blends with poly(2,6-dimethyl-1,4-phenylene oxide) for gas separations. <i>Polymer</i> , 2018, 138, 156-168.	1.8	9
14208	Palladium(II)-Stabilized Pyridine-2-Diazotates: Synthesis, Structural Characterization, and Cytotoxicity Studies. <i>Inorganic Chemistry</i> , 2018, 57, 930-934.	1.9	28
14209	A New Iodobismuthate-Based Hybrid Containing Mixed Iodobismuthate Clusters Templated by Diammonium Cation: Structure and Photocurrent Response. <i>Journal of Cluster Science</i> , 2018, 29, 367-374.	1.7	10
14210	Iodine(III) Derivatives as Halogen Bonding Organocatalysts. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3830-3833.	7.2	165
14211	Mechanistic insights into the tropo-inversion of the biphenyl moiety in chiral bis-amido phosphites and in their palladium(ii) complexes. <i>Dalton Transactions</i> , 2018, 47, 2292-2305.	1.6	5
14212	Ability To Fine-Tune the Electronic Properties and Open-Circuit Voltage of Phenoxy-Boron Subphthalocyanines through Meta-Fluorination of the Axial Substituent. <i>Journal of Physical Chemistry C</i> , 2018, 122, 1091-1102.	1.5	25
14213	A mechanism study on the hydrogen evolution reaction catalyzed by molybdenum disulfide complexes. <i>Chemical Communications</i> , 2018, 54, 1113-1116.	2.2	15
14214	Synthesis of a Series of Monophthalocyaninato Cyclen Heavy Lanthanide(III) Complexes with Tetragonal Symmetry. <i>Inorganic Chemistry</i> , 2018, 57, 668-675.	1.9	12
14215	Loose crystals engineered by mismatched halogen bonds in hexachloroethane. <i>CrystEngComm</i> , 2018, 20, 328-333.	1.3	5

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14217	Effect of sugars on the dynamics of hydrophilic fluorophores confined inside the water pool of anionic reverse micelle: A spectroscopic approach. <i>Journal of Molecular Liquids</i> , 2018, 252, 225-235.	2.3	5
14218	The ephemeral dihydrate of sulfanilic acid. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 7-12.	0.2	3
14219	Thermodynamic study of mixtures containing dibromomethane. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 132, 611-621.	2.0	3
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14221	Synthesis of a Chloroalkene Dipeptide Isostere-Containing Peptidomimetic and Its Biological Application. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 6-10.	1.3	10
14222	Alkyl Al, Ga and Zn complexes chelated by mono-O-thiocarbamate-phenol ligands: Synthesis, characterization and activity as Diels-Alder catalysts. <i>Inorganica Chimica Acta</i> , 2018, 473, 236-244.	1.2	1
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14224	Open-Framework Chalcogenide Showing Both Intrinsic Anhydrous and Water-Assisted High Proton Conductivity. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 2619-2627.	4.0	57
14225	Diverse silver(I) coordination chemistry with cyclic selenourea ligands. <i>Dalton Transactions</i> , 2018, 47, 1471-1478.	1.6	13
14226	A Blue Luminescent Dinuclear Copper(I) Complex Bearing a Diphosphine Dioxide Ligand. <i>Chemistry Letters</i> , 2018, 47, 269-271.	0.7	3
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14228	Isomeric and hybrid ferrocenyl/cyrene-yl aldimines: a new family of multifunctional compounds. <i>Dalton Transactions</i> , 2018, 47, 1635-1649.	1.6	18
14229	Regioselective Nucleophilic Additions to Diiron Carbonyl Complexes Containing a Bridging Aminocarbene Ligand: A Synthetic, Crystallographic and DFT Study. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 960-971.	1.0	36
14230	Tetrel, halogen and hydrogen bonds in bis(4-((E)-2-(2,2-dichloro-1-(4-substitutedphenyl)vinyl)ethyl)phenyl)ethane. <i>CrystEngComm</i> , 2018, 18, 377-381.	2.0	47
14231	Mechanism of OmpG pH-Dependent Gating from Loop Ensemble and Single Channel Studies. <i>Journal of the American Chemical Society</i> , 2018, 140, 1105-1115.	6.6	37
14232	New Angles on Standard Force Fields: Toward a General Approach for Treating Atomic-Level Anisotropy. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 739-758.	2.3	28
14233	Testing the limits of halogen bonding in coordination chemistry. <i>CrystEngComm</i> , 2018, 20, 539-549.	1.3	27

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14235	Configurational Isomerism in Polyoxovanadates. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2972-2975.	7.2	43
14236	Effects of Supramolecular Architecture on Halogen Bonding between Diiodine and Heteroaromatic <i>N</i> -Oxides. <i>Crystal Growth and Design</i> , 2018, 18, 1198-1207.	1.4	22
14237	Results from solvophobic theory applied to methylene selectivity in reversed-phase HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2018, 41, 24-32.	0.5	3
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14240	Structure-Property Relationships of Random Aromatic Copolyamide Membranes by the Partial <i>N</i> -Methylation of Amide Linkages. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700522.	1.1	2
14241	Engineered Transport in Microporous Materials and Membranes for Clean Energy Technologies. <i>Advanced Materials</i> , 2018, 30, 1704953.	11.1	85
14242	Contribution of Coulomb Interactions to a Two-Step Crystal Structure Phase Transformation Coupled with a Significant Change in Spin Crossover Behavior for a Series of Charged Fe ^{II} Complexes from 2,6-Bis(2-methylthiazol-4-yl)pyridine. <i>Inorganic Chemistry</i> , 2018, 57, 1277-1287.	1.9	17
14243	Palladium Complexes of <i>N,N</i> -Bis(2-aminoethyl)oxamide (H ₂ L): Structural (Pd ^{II} L, Pd ^{II} L ₂ , and Pd ^{IV} LCl ₂), Electrochemical, Dynamic ¹ H NMR, and Cytotoxicity Studies. <i>Inorganic Chemistry</i> , 2018, 57, 1288-1297.	1.9	11
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14245	How does alkyl chain length modify the properties of triphenylamine-based hole transport materials?. <i>Journal of Materials Chemistry C</i> , 2018, 6, 960-965.	2.7	23
14246	Electrostatic Interactions in Protein Structure, Folding, Binding, and Condensation. <i>Chemical Reviews</i> , 2018, 118, 1691-1741.	23.0	577
14247	Aerogen bonds formed between AeOF ₂ (Ae = Kr, Xe) and diazines: comparisons between ƒ-hole and ƒ-hole complexes. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 4676-4687.	1.3	36
14248	Atomic Radius and Charge Parameter Uncertainty in Biomolecular Solvation Energy Calculations. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 759-767.	2.3	13
14249	Synthesis, structural analysis, and supramolecular assembly of a series of <i>in situ</i> generated uranyl- peroxide complexes with functionalized 2,2'-bipyridine and varied carboxylic acid ligands. <i>New Journal of Chemistry</i> , 2018, 42, 1816-1831.	1.4	12
14250	Tunable Anisotropic Thermal Conductivity and Elastic Properties in Intercalated Graphite via Lithium Ions. <i>Journal of Physical Chemistry C</i> , 2018, 122, 1447-1455.	1.5	22
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14253	Crystal structures, electronic spectra and magnetic properties of homoleptic and heteroleptic metal-dithiolate molecular solids. <i>Polyhedron</i> , 2018, 147, 55-61.	1.0	5
14254	Cyclohelminthols Y1–Y4 Metabolites Possessing Two Spirocyclopropanes in Their Structure. <i>Journal of Organic Chemistry</i> , 2018, 83, 5688-5697.	1.7	12
14255	Solvation. , 2018, , 97-146.		0
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14258	Copper(I)-Arene Complexes with a Sterically Hindered Tris(pyrazolyl)borate Ligand. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2026-2030.	1.0	2
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14260	Crystalline Moduli of Polymers, Evaluated from Density Functional Theory Calculations under Periodic Boundary Conditions. <i>ACS Omega</i> , 2018, 3, 4824-4835.	1.6	24
14261	Interactions of HP1 Bound to H3K9me3 Dinucleosome by Molecular Simulations and Biochemical Assays. <i>Biophysical Journal</i> , 2018, 114, 2336-2351.	0.2	28
14262	Chemoselective Hydroalumination of 1-Aza-but-1-en-3-yne (1-Iminoalkynes): Formation of Propargylamines by Imine Reduction and of 5-Aluminazoles and 1-Aza-butadienes by Anti-Michael Attack. <i>Organometallics</i> , 2018, 37, 1346-1357.	1.1	2
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14266	The Nature of Bonding in Bulk Tellurium Composed of One-Dimensional Helical Chains. <i>Inorganic Chemistry</i> , 2018, 57, 5083-5088.	1.9	49
14267	Charge-transfer complexes based on C_{2v} -symmetric benzo[ghi]perylene: comparison of their dynamic and electronic properties with those of D_{6h} -symmetric coronene. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1165-1174.	3.2	6
14268	Palladium(η^2) N-heterocyclic allenylidene complexes with extended intercationic Pd–Pd interactions and MMLCT phosphorescence. <i>Chemical Communications</i> , 2018, 54, 5319-5322.	2.2	39
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14271	Reduction of biselenites into polyselenides in interlayer space of layered double hydroxides. <i>Solid State Sciences</i> , 2018, 80, 110-115.	1.5	2
14272	Three-Fold Intramolecular Ring Closing Alkene Metatheses of Square Planar Complexes with <i>cis</i> -Phosphorus Donor Ligands P(X(CH ₂) ₂) ₂ (CH ₂) ₃ (X = âˆ—, <i>m</i> = 5â€”10; X = 6, 7, 8, 9, 10) ETQq 0 0 rgBT /	1.5	2
14273	Diphosphorus Complexes. <i>Journal of the American Chemical Society</i> , 2018, 140, 8463-8478. A cyano-bridged Cu(<i>scp</i>)-based organic framework coupled with the Câ€”C bond cleavage of acetonitrile for selective and sensitive sensing of Fe ³⁺ ions. <i>Dalton Transactions</i> , 2018, 47, 6888-6892.	1.6	15
14274	Silver Coordination Chemistry of the Weakly Basic Cage As ₄ S ₄ . <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3203-3212.	1.0	5
14275	Solidâ€”Phase Synthesis of Fluorinated Analogues of Glycosyl 1â€”Phosphate Repeating Structures from <i>Leishmania</i> using the Phosphoramidite Method. <i>ChemistryOpen</i> , 2018, 7, 439-446.	0.9	8
14276	Syntheses and characterizations of secondary Pbâ€”O bonding supported Pb(II)-sulfonate complexes. <i>Journal of Solid State Chemistry</i> , 2018, 262, 214-223.	1.4	8
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14278	Reductive Elimination from Phosphine-Ligated Alkylpalladium(II) Amido Complexes To Form <i>sp</i> ³ -Carbonâ€”Nitrogen Bonds. <i>Journal of the American Chemical Society</i> , 2018, 140, 4893-4904.	6.6	21
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14280	First-Principles Integrated Adsorption Modeling for Selective Capture of Uranium from Seawater by Polyamidoxime Sorbent Materials. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 12580-12593.	4.0	53
14281	Lead-carboxylate/polyiodide hybrids constructed from halogen bonding and asymmetric viologen: structures, visible-light-driven photocatalytic properties and enhanced photocurrent responses. <i>CrystEngComm</i> , 2018, 20, 2245-2252.	1.3	25
14282	Selective coordination of cyanate and thiocyanate in the end-on mode: synthesis, structures and properties of [NiII2L(1/4 _{1,1} -NCO)] ⁺ and [NiII2L(1/4 _{1,1} -NCS)] ⁺ (L ²⁺ = macrocyclic) Tj ETQq 0 0 rgBT /Overlock 10 Tt 50 252 Td (N₂)	1.4	4
14283	A study of the properties, reactivity and anticancer activity of novel N-methylated-3-thiazolyl or 3-thienyl carbazoles and their Pd(II) and Pt(II) complexes. <i>Journal of Inorganic Biochemistry</i> , 2018, 184, 134-145.	1.5	4
14284	Combining first-principles and data modeling for the accurate prediction of the refractive index of organic polymers. <i>Journal of Chemical Physics</i> , 2018, 148, 241712.	1.2	33
14285	An intrinsic criterion of defining ionic or covalent character of AB-type crystals based on the turning boundary radii calculated by an <i>ab initio</i> method. <i>Molecular Physics</i> , 2018, 116, 969-977.	0.8	10
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14292	Cyanine dyes: synergistic action of hydrogen, halogen and chalcogen bonds allows discrete $\text{L}_{4\text{S}}^{2+}$ anions in crystals. <i>New Journal of Chemistry</i> , 2018, 42, 10463-10466.	1.4	8
14293	Structural diversity in the products formed by the reactions of 2-arylselanyl pyridine derivatives and dihalogens. <i>New Journal of Chemistry</i> , 2018, 42, 10592-10602.	1.4	8
14294	Six-membered ring copolyimides as novel high performance membrane materials for gas separations. <i>Materials Today Communications</i> , 2018, 14, 254-262.	0.9	2
14295	Assembly of Multifold Helical Polyoxometalate-Based Metal-Organic Frameworks as Anode Materials in Lithium-Ion Batteries. <i>Inorganic Chemistry</i> , 2018, 57, 3865-3872.	1.9	46
14296	Understanding the Origin of Phosphorescence in Bismoles: A Synthetic and Computational Study. <i>Inorganic Chemistry</i> , 2018, 57, 7536-7549.	1.9	34
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14298	Ionic-Functionalized Polymers of Intrinsic Microporosity for Gas Separation Applications. <i>Langmuir</i> , 2018, 34, 3949-3960.	1.6	22
14299	Dicarboxylic Acid Separation by Dynamic and Size-Matched Recognition in Solution and in the Solid State. <i>Angewandte Chemie</i> , 2018, 130, 1341-1345.	1.6	3
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14302	Ab initio ¹³ C NMR and structural studies of the (trifluoromethyl)cyclopentyl carbocations. <i>Journal of Fluorine Chemistry</i> , 2018, 210, 83-87.	0.9	6
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14304	Mechanochemistry and cocrystallization of 3-iodoethynylbenzoic acid with nitrogen-containing heterocycles: concurrent halogen and hydrogen bonding. <i>New Journal of Chemistry</i> , 2018, 42, 10493-10501.	1.4	22
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14307	Effects of interaction with sulphur compounds and free volume in imidazolium-based ionic liquid on desulphurisation: a molecular dynamics study. <i>Molecular Simulation</i> , 2018, 44, 55-62.	0.9	16
14308	Phase equilibrium engineering of glycerol acetates fractionation with pressurized CO ₂ . <i>Journal of Supercritical Fluids</i> , 2018, 132, 51-64.	1.6	7
14309	Molecular modeling and SPRi investigations of interleukin 6 (IL6) protein and DNA aptamers. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 1934-1947.	2.0	18
14310	Globular molecular platinum carbonyl nanoclusters: Synthesis and molecular structures of the [Pt ₂₆ (CO) ₃₂] ⁴⁻ and [Pt _{14+x} (CO) _{18+x}] ⁴⁻ anions and their comparison to related platinum "browns". <i>Inorganica Chimica Acta</i> , 2018, 470, 238-249.	1.2	10
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14313	Gas transport properties of polyimide membranes based on triphenylamine unit. <i>High Performance Polymers</i> , 2018, 30, 100-108.	0.8	5
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14321	d ₁₀ coinage metal organic chalcogenolates: From oligomers to coordination polymers. <i>Coordination Chemistry Reviews</i> , 2018, 355, 240-270.	9.5	89
14322	Aromatic polyamides and copolyamides containing fluorene group. <i>High Performance Polymers</i> , 2018, 30, 821-832.	0.8	23
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14597	Stress-Free Pathway for Ion Transport in the Separator Membrane of Lithium Secondary Batteries. <i>Journal of Physical Chemistry C</i> , 2018, 122, 18311-18315.	1.5	15
14598	Preparation and Gas Separation Properties of Spirobichroman-Based Polyimides. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1800157.	1.1	11
14599	Guest-Induced Structural Transformations in a Porous Halogen-Bonded Framework. <i>Angewandte Chemie</i> , 2018, 130, 12262-12267.	1.6	13
14600	A DFT Mechanistic Study of the trans-[OsVIO ₂ (OH) ₄] ²⁺ and [OsVIII(O ₄ (OH) _n] ⁿ⁺ (n = 1, 2 cis) Comproportionation Proton-Coupled Electron Transfer Reaction. <i>Inorganic Chemistry</i> , 2018, 57, 8909-8922.	1.9	1
14601	Systematic Ligand Effects in the Reactions of Fe ⁶⁺ and FeX ⁵⁺ with CF ₃ X (X = Cl, Br, I). Ion Mobility Measurements of FeX ⁵⁺ (X = F, Cl, Br, I) in He. <i>Journal of Physical Chemistry A</i> , 2018, 122, 6509-6523.	1.1	2
14602	From monomeric complexes to double-stranded helicates constructed around <i>trans</i> -TiO ₄ N ₂ motifs with intramolecular inter-ligand hydrogen-bonding interactions. <i>Dalton Transactions</i> , 2018, 47, 11113-11122.	1.6	8
14603	Au(I) and Ag(I) formamidinate tetranuclear complexes and coordination polymers: Synthesis, structures and luminescent properties. <i>Inorganica Chimica Acta</i> , 2018, 482, 785-790.	1.2	6
14604	On the selectivity of silver mediated thiolate transfer and the crystal structure of an unprecedented thiolate chloride Argentate(I) anion. <i>Inorganic Chemistry Communication</i> , 2018, 95, 149-153.	1.8	1
14605	Adaptive responses of sterically confined intramolecular chalcogen bonds. <i>Chemical Science</i> , 2018, 9, 7027-7042.	3.7	52
14606	Extended Conjugation Length of Nonfullerene Acceptors with Improved Planarity via Noncovalent Interactions for High-Performance Organic Solar Cells. <i>Advanced Energy Materials</i> , 2018, 8, 1801618.	10.2	102
14607	Construction of a Metal-Free Electron Spin System by Encapsulation of an NO Molecule Inside an Open-Cage Fullerene C ₆₀ Derivative. <i>Angewandte Chemie</i> , 2018, 130, 12986-12990.	1.6	8
14608	Dramatically Enhanced Solubility of Halide-Containing Organometallic Species in Diiodomethane: The Role of Solvent-Complex Halogen Bonding. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12785-12789.	7.2	73
14609	Iodonium Salts as Benzyne Precursors. <i>Chemistry - A European Journal</i> , 2018, 24, 15156-15166.	1.7	54
14610	Real-Time Tracking of Polymer Crystallization Dynamics in Organic Bulk Heterojunctions by Raman Microscopy. <i>Journal of Physical Chemistry C</i> , 2018, 122, 19289-19297.	1.5	6
14611	An automated framework to evaluate effective interaction parameters for dissipative particle dynamics simulations based on the fragment molecular orbital (FMO) method. <i>Journal of Computer Chemistry Japan</i> , 2018, 17, 102-109.	0.0	9
14612	Thermoresponsive luminescence properties of polyfluorinated bistolane-type light-emitting liquid crystals. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5609-5617.	1.5	23
14613	Flexibility and Hydration of Amphiphilic Hyperbranched Arabinogalactan-Protein from Plant Exudate: A Volumetric Perspective. <i>Colloids and Interfaces</i> , 2018, 2, 11.	0.9	14

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14615	Intra-/Intermolecular Bifurcated Chalcogen Bonding in Crystal Structure of Thiazole/Thiadiazole Derived Binuclear (Diaminocarbene) PdII Complexes. <i>Crystals</i> , 2018, 8, 112.	1.0	46
14616	Explicit ions/implicit water generalized Born model for nucleic acids. <i>Journal of Chemical Physics</i> , 2018, 148, 195101.	1.2	16
14617	Two Achiral Isomers of Chloronitropyridine Crystallize as Polar Materials with Different Molecular Packing Motifs Based on Similar Intermolecular Interactions. <i>Journal of Chemical Crystallography</i> , 2018, 48, 109-116.	0.5	1
14618	Influence of the Temperature, Type of Salt, and Alcohol on Phase Diagrams of 2-Propanol + Inorganic Salt Aqueous Two-Phase Systems: Experimental Determination and Correlation. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 2813-2824.	1.0	19
14619	Der Mackay-Cluster $[\text{Cu}_{43}\text{Al}_{12}](\text{Cp}^*)_{12}$: Ein offenschaliges 67-Elektronen-Superatom mit metallähnlicher elektronischer Struktur. <i>Angewandte Chemie</i> , 2018, 130, 14840-14844.	1.6	9
14620	The Mackay-Type Cluster $[\text{Cu}_{43}\text{Al}_{12}](\text{Cp}^*)_{12}$: Open-Shell 67-Electron Superatom with Emerging Metal-Like Electronic Structure. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14630-14634.	7.2	48
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14623	Metallapentalenofuran: Shifting Metallafuran Rings Promoted by Substituent Effects. <i>Chemistry - A European Journal</i> , 2018, 24, 14531-14538.	1.7	12
14624	Synthesis of Multinuclear Zn(II) Complexes Involving 8-Aminoquinoline-Based Schiff-Base Ligand: Structural Diversity, DNA Binding Studies and Theoretical Calculations.. <i>ChemistrySelect</i> , 2018, 3, 7697-7706.	0.7	8
14625	Unexpected reactivity of cyclic perfluorinated iodanes with electrophiles. <i>Chemical Communications</i> , 2018, 54, 8999-9002.	2.2	3
14626	Hormesis of mercuric chloride-human serum albumin adduct on N9 microglial cells via the ERK/MAPKs and JAK/STAT3 signaling pathways. <i>Toxicology</i> , 2018, 408, 62-69.	2.0	13
14627	High-Throughput Screening Approach for Nanoporous Materials Genome Using Topological Data Analysis: Application to Zeolites. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 4427-4437.	2.3	53
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14629	Synthesis and Characterization of Silylated Phosphonium $[\text{P}(\text{OSiMe}_3)_4]^+$ and Phosphate $[\text{O}_2\text{P}(\text{OSiMe}_3)_2]^+$ Salts. <i>Inorganic Chemistry</i> , 2018, 57, 9348-9353.	1.9	7
14630	Lead(II) coordination polymers with imidazole-4- and pyrazole-3-carboxylate isomeric linkers: Structural diversity and luminescence properties. <i>Journal of Solid State Chemistry</i> , 2018, 266, 100-111.	1.4	21
14631	Benchmarking Semiempirical Methods To Compute Electrochemical Formal Potentials. <i>Journal of Physical Chemistry A</i> , 2018, 122, 6809-6818.	1.1	15

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14651	Five monocyclic pyridinium derivative based halo-argentate/cuprate hybrids or iodide salts: influence of composition on photochromic behaviors. <i>Dalton Transactions</i> , 2018, 47, 12172-12180.	1.6	22
14652	A Method of Porosity Analysis of Deposited Thin Films: The Results of a Supercomputer Simulation. <i>Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo Universiteta)</i> , Tj ETQq0 0 0 rgBT /Omerlock 10 Tf 50 65		
14653	A New Generation of Cool White Dwarf Atmosphere Models. I. Theoretical Framework and Applications to DZ Stars. <i>Astrophysical Journal</i> , 2018, 863, 184.	1.6	58
14654	Syntheses, characterisation, and computational studies of tungsten hexafluoride adducts with pyridine and its derivatives. <i>Journal of Fluorine Chemistry</i> , 2018, 215, 1-9.	0.9	9
14655	Rational Syntheses of Three New $\{V_{14}Sb_8\}$ Clusters Applying a Water-Soluble High-Nuclearity Cluster as Synthone. <i>Crystal Growth and Design</i> , 2018, 18, 6100-6106.	1.4	7
14656	Atomistic dewetting mechanics of Wenzel and monostable Cassie-Baxter states. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 24759-24767.	1.3	22
14657	$Ca-X$ vs $Ca-H$, Which One Is the More Dominant Interaction in Crystal Packing (X = Halogen)? <i>Crystal Growth and Design</i> , 2018, 18, 6084-6090.	1.4	28
14658	Undecacarbonyl[(4-methylsulfanylphenyl)diphenylphosphane]triruthenium(0): crystal structure and Hirshfeld surface analysis. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 791-795.	0.2	0
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14660	Hands-On Hybridization: 3D-Printed Models of Hybrid Orbitals. <i>Journal of Chemical Education</i> , 2018, 95, 1601-1606.	1.1	24
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14662	Crystal structures and properties of radical salts of a new series of tetrathiafulvalene derivatives incorporating fused ethyleneoxymethylene and ethylenethiomethylene units. <i>Synthetic Metals</i> , 2018, 244, 155-166.	2.1	1
14663	Synthetic Routes to a Triazole and Tetrazole with Trinitroalkyl Substitution at Nitrogen. <i>Journal of Organic Chemistry</i> , 2018, 83, 10505-10509.	1.7	18
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14665	Cation-Anion CO_2 Interactions in Imidazolium-Based Ionic Liquid Sorbents. <i>ChemPhysChem</i> , 2018, 19, 2879-2884.	1.0	33
14666	Dependence of the adsorption height of graphenelike adsorbates on their dimensionality. <i>Physical Review B</i> , 2018, 98, .	1.1	3
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14669	Molecular clustering and percolation characteristics near the glass transition in aqueous trehalose and choline dihydrogen phosphate solutions. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 20899-20909.	1.3	1
14670	Dispersion Stabilized Se/Te Double Chalcogen Bonding Synthons in in Situ Cryocrystallized Divalent Organochalcogen Liquids. <i>Crystal Growth and Design</i> , 2018, 18, 3734-3739.	1.4	27
14671	The microwave spectrum and molecular structure of 3,3-difluoro-1,2-epoxypropane and its complex with the argon atom. <i>Journal of Molecular Spectroscopy</i> , 2018, 350, 18-26.	0.4	5
14672	Polymorphism of Energetic Materials: A Comprehensive Study of Molecular Conformers, Crystal Packing, and the Dominance of Their Energetics in Governing the Most Stable Polymorph. <i>Crystal Growth and Design</i> , 2018, 18, 4174-4186.	1.4	59
14673	Graphdiyne as an ideal monolayer coating material for lithium-ion battery cathodes with ultralow areal density and ultrafast Li penetration. <i>Journal of Materials Chemistry A</i> , 2018, 6, 12630-12636.	5.2	24
14674	Linear Cu ₂ Pd ₀ , CuI ₂ Pd ₀ , and Ag ₂ Pd ₀ Metal Chains Supported by Rigid <i>N,N</i> -Diphosphanyl <i>N</i> -Heterocyclic Carbene Ligands and Metallophilic Interactions. <i>Chemistry - A European Journal</i> , 2018, 24, 8787-8796.	1.7	11
14675	Syntheses, crystal structures, antioxidant SOD-like properties and in-vitro antimicrobial studies of Cu(II) and Ni(II) complexes with 2-((<i>E</i>)-(4-bromo-2-chlorophenylimino) methyl)-6-bromo-4-nitrophenol and (<i>E</i>)-1-(3, 5-dichloro-2-hydroxybenzylidene)-4, 4-dimethylthiosemicarbazide. <i>Journal of Molecular Structure</i> . 2018, 1171, 94-109.	1.8	12
14676	Halogen bonding driven crystal engineering of iodophthalonitrile derivatives. <i>CrystEngComm</i> , 2018, 20, 3858-3867.	1.3	18
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14678	Origin of metallicity in 2D multilayer nickel bis(dithiolene) sheets. <i>2D Materials</i> , 2018, 5, 035027.	2.0	5
14679	Structural and optical profile of a multifunctionalized 2-pyridone derivative in a crystal engineering perspective. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 807-815.	0.2	3
14680	Tris[2,2,6,6-tetramethyl-8-(trimethylsilyl)benzo[1,2- <i>d</i> ;4,5- <i>d</i>]bis(1,3-dithiol)-4-yl]methanol diethyl ether monosolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 539-542.	0.2	2
14681	Investigations on Squaric Acid in Superacidic Media. <i>Chemistry - A European Journal</i> , 2018, 24, 13355-13361.	1.7	6
14682	Oganesson: A Most Unusual “Inert Gas”™. <i>Science Progress</i> , 2018, 101, 101-120.	1.0	3
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14684	Molecular structure, Hirshfeld surface analysis, spectroscopic (FT-IR, Laser-Raman, UV-vis. and NMR), HOMO-LUMO and NBO investigations on N-(12-amino-9,10-dihydro-9,10-ethanoanthracen-11-yl)-4-methylbenzenesulfonamide. <i>Journal of Molecular Structure</i> , 2018, 1171, 696-705.	1.8	40
14685	Crystal Structure of 7-(Diethylamino)-3-(2-oxazolyl)coumarin. <i>X-ray Structure Analysis Online</i> , 2018, 34, 3-4.	0.1	1

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14687	A new convenient synthetic route towards 2-(hetero)aryl-substituted thieno[3,2- <i>b</i>]indoles using Fischer indolization. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 4821-4832.	1.5	15
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14689	Ligand-driven formation of halogen bonds involving Au(III) complexes. <i>New Journal of Chemistry</i> , 2018, 42, 10529-10538.	1.4	12
14690	Syntheses, structures and anti-tumor activity of four organotin(IV) dicarboxylates based on (1,3,4-thiadiazole-2,5-diylthio)diacetic acid. <i>New Journal of Chemistry</i> , 2018, 42, 11601-11609.	1.4	17
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14693	Comparison of Electronic and Physicochemical Properties between Imidazolium-Based and Pyridinium-Based Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2018, 122, 6771-6780.	1.2	11
14694	Anion-π interactions of highly π-acidic dipyrindinium-naphthalene diimide salts. <i>Chemical Communications</i> , 2018, 54, 7374-7377.	2.2	20
14695	Pesticidal compound Pirimicarb: Spectral analysis, DFT computations, molecular docking study and in vitro bioactivity. <i>Chemical Physics Letters</i> , 2018, 706, 295-302.	1.2	8
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14702	Synthesis, conformational, characterization and reactivity study of 1,7-bis(4-bromophenyl)heptane-1,7-dione. <i>Journal of Molecular Structure</i> , 2019, 1175, 269-279.	1.8	16
14703	Radical Anions, Radical-Anion Salts, and Anionic Complexes of 2,1,3-Benzochalcogenadiazoles. <i>Chemistry - A European Journal</i> , 2019, 25, 806-816.	1.7	24

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14705	Chemical Cross-Linking of 6FDA-6FPA Polyimides for Gas Permeation Membranes. <i>International Journal of Chemical Reactor Engineering</i> , 2019, 17, .	0.6	1
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14707	Case study of 2-vinylxypyridine: Quantitative assessment of the intramolecular C-H...N hydrogen bond energy and its contribution to the one-bond ¹³ C- ¹ H coupling constant. <i>Journal of Molecular Structure</i> , 2019, 1176, 73-85.	1.8	9
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14710	Linear chains of hydrogen molecules under pressure: An extreme-pressure continuum model study. <i>Journal of Chemical Physics</i> , 2019, 150, 164122.	1.2	4
14711	Pyridylphosphine supported Ag(i) and Cu(i) complexes for detection of alcohols and nitriles via structural transformations from 1D to 0D. <i>CrystEngComm</i> , 2019, 21, 5595-5601.	1.3	10
14712	Intramolecular "hole interactions with nitro aromatics. <i>CrystEngComm</i> , 2019, 21, 5410-5417.	1.3	16
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14715	Single-handed supramolecular double helix of homochiral bis(N-amidothiourea) supported by double crossed C-H...S halogen bonds. <i>Nature Communications</i> , 2019, 10, 3610.	5.8	55
14716	The chalcogen bond: can it be formed by oxygen?. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 19969-19986.	1.3	32
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14719	Crystal structure of a NIR-Emitting DNA-Stabilized Ag ₁₆ Nanocluster. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17153-17157.	7.2	87
14720	Thermal and spectroscopic studies on a double-salt-type pyridine-silver perchlorate complex having ¹ H-O coordinated perchlorate ions. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 1193-1205.	2.0	17
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14723	Quantum Chemistry Insight into the Interactions Between Deep Eutectic Solvents and SO ₂ . <i>Molecules</i> , 2019, 24, 2963.	1.7	36
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14727	The linkage between reversible Friedel-Crafts acyl rearrangements and the Scholl reaction. <i>Structural Chemistry</i> , 2019, 30, 1579-1610.	1.0	7
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14729	Polymorphism and resulting luminescence properties of 1-acetylpyrene. <i>CrystEngComm</i> , 2019, 21, 5845-5852.	1.3	7
14730	Solubility and mixing thermodynamic properties of levamisole hydrochloride in twelve pure solvents at various temperatures. <i>Journal of Chemical Thermodynamics</i> , 2019, 139, 105882.	1.0	25
14731	High-Spin and Incomplete Spin-Crossover Polymorphs in Doubly Chelated [Ni(L) ₂ Br ₂] (L = <i>tert</i> -Butyl 5-Phenyl-2-pyridyl Nitroxide). <i>Inorganic Chemistry</i> , 2019, 58, 10743-10755.	1.9	10
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14733	Two quasi-stable lead(II) hydrides at ambient temperature. <i>Chemical Communications</i> , 2019, 55, 10285-10287.	2.2	15
14734	Dispersion XDM with Hybrid Functionals: Delocalization Error and Halogen Bonding in Molecular Crystals. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 4933-4944.	2.3	22
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14736	Molecular Bases for Anesthetic Agents: Halothane as a Halogen and Hydrogen Bond Donor. <i>Angewandte Chemie</i> , 2019, 131, 12586-12589.	1.6	4
14737	Gas transport characteristics of fluorinated polystyrene- <i>b</i> -polybutadiene- <i>b</i> -polystyrene (F-SBS). <i>Journal of Membrane Science</i> , 2019, 591, 117296.	4.1	2
14738	A simple COSMO-based method for calculation of hydration energies of neutral molecules. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 18706-18713.	1.3	27
14739	3-Trinitromethyl-4-nitro-5-nitramine-1 <i>H</i> -pyrazole: a high energy density oxidizer. <i>New Journal of Chemistry</i> , 2019, 43, 13827-13831.	1.4	16

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15926	Mixed Noble Gas Compounds of Krypton(II) and Xenon(VI); $[F_5Xe(FKrF)AsF_6]$ and $[F_5Xe(FKrF)_2AsF_6]$. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8149-8156.	7.2	20
15927	Theoretical study on radii of neutral atoms and singly charged negative ions. <i>Atomic Data and Nuclear Data Tables</i> , 2021, 138, 101392.	0.9	2
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15929	Assessment of scaled particle theory predictions of the convergence of solvation entropies. <i>Fluid Phase Equilibria</i> , 2021, 530, 112885.	1.4	2
15930	Spectroscopic characterization (IR and NMR), structural investigation, DFT study, and Hirshfeld surface analysis of two zinc(II) 2-acetylthiophenyl-thiosemicarbazone complexes. <i>Journal of Molecular Structure</i> , 2021, 1229, 129617.	1.8	9

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15932	A Bidentate Iodine(III)-Based Halogen-Bond Donor as a Powerful Organocatalyst**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5069-5073.	7.2	85
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15938	Axially chiral bis-1,2,3-Triazol-4-ylidene- \hat{C} -Ag(I)-MIC and bis-Au(I)-MIC complexes of (R)-BINOL and (-)-Menthol scaffold: Synthesis, structure, and characterizations. <i>Journal of Organometallic Chemistry</i> , 2021, 932, 121626.	0.8	4
15939	Structural, spectroscopic, and computational evaluations of cation-cation and halogen bonding interactions in heterometallic uranyl hybrid materials. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 1128-1141.	3.0	7
15940	Mixed Noble-Gas Compounds of Krypton(II) and Xenon(VI); [F 5 Xe(FKrF)AsF 6] and [F 5 Xe(FKrF) 2 AsF 6]. <i>Angewandte Chemie</i> , 2021, 133, 8230-8237.	1.6	2
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15946	Modeling Molecules under Pressure with Gaussian Potentials. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 583-597.	2.3	17
15947	Improved dispersion performance and interfacial compatibility of covalent-grafted MOFs in mixed-matrix membranes for gas separation. <i>Green Chemical Engineering</i> , 2021, 2, 86-95.	3.3	15
15948	Investigation of Temperature, Composition, and Alkyl Chain-Dependent Molecular Interactions between Imidazolium-Based Ionic Liquids and Aniline: A Study of Experimental and Theoretical Thermophysical Properties. <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 154-169.	1.0	4

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15952	Solvent-Driven Supramolecular Wrapping of Self-Assembled Structures. <i>Angewandte Chemie</i> , 2021, 133, 5467-5473.	1.6	12
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15964	Pattern-free generation and quantum-mechanical scoring of ring-chain tautomers. <i>Journal of Computer-Aided Molecular Design</i> , 2021, 35, 417-431.	1.3	2
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15985	A simple removable aliphatic nitrile template 2-cyano-2,2-di-isobutyl acetic acid for remote <i>meta</i> -selective C-H functionalization. <i>Organic Chemistry Frontiers</i> , 2021, 8, 1959-1969.	2.3	12

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