

Mehrdad Pourayoubi

List of Publications by Citations

Source: <https://exaly.com/author-pdf/290916/mehrdad-pourayoubi-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

173
papers

1,168
citations

19
h-index

27
g-index

185
ext. papers

1,226
ext. citations

1.5
avg, IF

4.34
L-index

#	Paper	IF	Citations
173	A new one-pot synthesis of amino phosphonates catalyzed by H ₃ PW ₁₂ O ₄₀ . <i>Catalysis Communications</i> , 2007 , 8, 1224-1226	3.2	71
172	Direct reductive amination and selective 1,2-reduction of unsaturated aldehydes and ketones by NaBH ₄ using H ₃ PW ₁₂ O ₄₀ as catalyst. <i>Tetrahedron Letters</i> , 2007 , 48, 1135-1138	2	53
171	Syntheses, spectroscopic characterization and crystal structures of some new phosphoramidates and an organotin(IV) complex of N-(4-fluorobenzoyl)-N,N'-bis(piperidinyl)phosphoric triamide. <i>Polyhedron</i> , 2006 , 25, 711-721	2.7	52
170	N-tert-Butoxycarbonylation of amines using H ₃ PW ₁₂ O ₄₀ as an efficient heterogeneous and recyclable catalyst. <i>Tetrahedron Letters</i> , 2007 , 48, 5865-5868	2	49
169	The effect of various substituents on the structural parameters of the P(O)[N(CH ₃)(CH ₂ C ₆ H ₅)] ₂ moiety. Syntheses and spectroscopic characterization of some new phosphoramidates, crystal structures of P(O)(X)[N(CH ₃)(CH ₂ C ₆ H ₅)] ₂ , X = C ₆ H ₅ C(O)NH, Cl and CCl ₃ C(O)NH. <i>Polyhedron</i> , 2005 , 24, 655-662	2.7	47
168	Sulfamic acid: an efficient, cost-effective and recyclable solid acid catalyst for the three-component synthesis of amino nitriles. <i>Tetrahedron Letters</i> , 2007 , 48, 4059-4060	2	44
167	2J(P,C) and 3J(P,C) Coupling Constants in Some New Phosphoramidates. Crystal Structures of CF ₃ C(O)N(H)P(O)[N(CH ₃)(CH ₂ C ₆ H ₅)] ₂ and 4-NO ₂ -C ₆ H ₄ N(H)P(O)[4-CH ₃ -NC ₅ H ₉] ₂ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 961-967	1.3	37
166	High-coordinated lanthanum(III) complexes with new mono- and bidentate phosphoryl donors; spectroscopic and structural aspects. <i>Inorganica Chimica Acta</i> , 2010 , 363, 2318-2324	2.7	36
165	Study on H-bond patterns in phosphoric triamides having a P(O)NHC(O) skeleton, a gauche orientation of P(O) vs C(O) in new compounds. <i>Polyhedron</i> , 2011 , 30, 1680-1690	2.7	33
164	Different cyclic motifs in phosphoric triamides containing a C(O)NHP(O)(NH) ₂ skeleton and an R(2)(2)(10) graph set in three new compounds: a database analysis of hydrogen-bond strengths based on motifs. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2011 , 67, o265-72		30
163	Two Conformers in Solution and Solid State for a Novel Phosphoramidate Synthesis, Characterization and Crystal Structures of C ₆ H ₅ C(O)NHP(O)[NH(tert-C ₄ H ₉)] ₂ and CCl ₃ C(O)NHP(O)[NH(tert-C ₄ H ₉)] ₂ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004 , 630, 1330-1335	1.3	27
162	Hirshfeld surface analysis of new phosphoramidates. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2013 , 69, 260-70	1.8	26
161	2,3J(P,X) [X=H, C] coupling constants dependency on the ring size, hybridization and substituents in new diazaphospholes and diazaphosphorinanes, NMR and X-ray crystallography studies. <i>Polyhedron</i> , 2007 , 26, 837-844	2.7	26
160	Synthesis and Spectroscopic Study of Some New Phosphoramidates, Crystal Structures of N-Benzoyl-N,N'-bis(azetidiny)phosphoric Triamide and N-Benzoyl-N,N'-bis(hexamethylenyl)phosphoric Triamide. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 3074-3079	1.3	22
159	Database analysis of hydrogen bond patterns in phosphoric triamides completed with seven new compounds: a crystallographic and 15N NMR study. <i>CrystEngComm</i> , 2014 , 16, 10870-10887	3.3	20
158	Analysis of N-H...O hydrogen bonds in new C(O)-NH-P(O)-based phosphoric triamides and analogous structures deposited in the Cambridge Structural Database. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2013 , 69, 184-94	1.8	20
157	Different orientations of C=O versus P=O in P(O)NHC(O) skeleton: the first study on an aliphatic diazaphosphorinane with a gauche orientation. <i>Structural Chemistry</i> , 2011 , 22, 201-210	1.8	20

- 156 The double H-atom acceptability of the P=O group in new XP(O)(NHCH₂C₆H₄-2-Cl)₂ phosphoramidates [X = C₆H₅O⁻ and CF₃C(O)NH⁻]: a database analysis of compounds having a P(O)(NHR) group. *Acta Crystallographica Section C: Crystal Structure Communications*, **2012**, 68, o51-6 19
- 155 Syntheses and Spectroscopic Study of Some New N-4-Fluorobenzoyl Phosphoric Triamides; Crystal Structures of 4-F-C₆H₄C(O)N(H)P(O)R₂, R = NH-C(CH₃)₃, NH-CH₂C₆H₅, N(CH₃)(CH₂C₆H₅). *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2006**, 632, 160-166 1.3 19
- 154 Hirshfeld surface analysis of new organotin(IV)-phosphoramidate complexes. *Journal of Organometallic Chemistry*, **2014**, 751, 508-518 2.3 18
- 153 Crystal Structure of and ab initio Calculations on [(C₆H₅)(CH₃)CH-NH]-P(O)(p-OC₆H₄CH₃)₂, Syntheses and Spectroscopic Characterization of N-Benzyl Phosphoramidic Acid (4-Methylphenyl)ester Derivatives. *Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences*, **2005**, 60, 1021-1026 1 16
- 152 Combination of X-ray crystallography and theoretical study to evaluate the effect of NH⁺OP versus NH⁺OC hydrogen bonds on the NH stretching frequencies. *Journal of Molecular Structure*, **2013**, 1034, 354-362 3.4 15
- 151 Two new XP(O)[NHC(CH₃)₃]₂ phosphoramidates, with X = (CH₃)₂N and [(CH₃)₃CNH]₂P(O)(O). *Acta Crystallographica Section C: Crystal Structure Communications*, **2012**, 68, o164-9 13
- 150 Ultrasound assisted synthesis of Cs₂.5H₀.5PW₁₂O₄₀: An efficient nano-catalyst for preparation of amino ketones via aza-Michael addition reactions. *Comptes Rendus Chimie*, **2011**, 14, 597-603 2.7 12
- 149 Syntheses and Spectroscopic Studies of Some New Diazaphospholes and Diazaphosphorinanes. Crystal Structure of 4. *Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences*, **2005**, 60, 1021-1026 1 12
- 148 Synthesis, Spectroscopic Characterization and Crystal Structure of a New Acetyl phosphorylamidate P(O)[NHC(O)C₆H₄(4-NO₂)]₂[N(CH(CH₃)₂)(CH₂C₆H₅)]₂. *Journal of Chemical Crystallography*, **2009**, 39, 874-880 0.5 11
- 147 Crystal Structure of N-Benzoyl-N',N''-bis(pyrrolidinyl) phosphoric triamide. *Analytical Sciences: X-ray Structure Analysis Online*, **2004**, 20, X51-X52 11
- 146 N,N'-Dicyclo-hexyl-N''-(4-nitro-benzo-yl)phosphoric triamide. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o344 11
- 145 New organotin(IV)-phosphoramidate complexes: Breaking of the PO⁺HN hydrogen bonds and its influence on the molecular packing. *Journal of Molecular Structure*, **2012**, 1014, 38-46 3.4 10
- 144 Three new [XC(O)NH]P(O)[N(CH₂C₆H₅)₂]₂ phosphoric triamides (X = CClF₂, 3-F-C₆H₄ and 3,5-F₂-C₆H₃): a database analysis of tertiary N-atom geometry in compounds with a C(O)NHP(O)[N]₂ core. *Acta Crystallographica Section C: Crystal Structure Communications*, **2012**, 68, o399-404 10
- 143 Synthesis and Crystal Structure of 5,5-Dimethyl-2-(p-methylanilino)-2-oxo-1,3,2-diazaphosphorinane. *Analytical Sciences: X-ray Structure Analysis Online*, **2005**, 21, X55-X56 10
- 142 Puckering behavior in six new phosphoric triamides containing aliphatic six- and seven-membered ring groups and a database survey of analogous ring-containing structures. *Tetrahedron*, **2018**, 74, 28-41^{2.4} 10
- 141 Extensive analysis of N-H...O hydrogen bonding in four classes of phosphorus compounds: a combined experimental and database study. *Acta Crystallographica Section C, Structural Chemistry*, **2017**, 73, 287-297 0.8 9
- 140 Evaluation of N-H...S and N-H...N interactions in O,O'-diethyl N-(2,4,6-trimethylphenyl)thiophosphate: a combination of X-ray crystallographic and theoretical studies. *Acta Crystallographica Section C, Structural Chemistry*, **2018**, 74, 847-855 0.8 9
- 139 Syntheses and structures of four new mixed-amide phosphoric triamides. *Acta Crystallographica Section C, Structural Chemistry*, **2016**, 72, 251-9 0.8 9

120	N,N'-Dicyclo-hexyl-N,N'-dimethyl-N''-(4-nitro-benzo-yl)phospho-ric triamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1754		5
119	p-Tolyl bis-(o-tolyl-amido)-phosphinate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1755		5
118	Tetra-phenyl piperazine-1,4-diyl-diphos-pho-nate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o3273-4		5
117	rac-Phenyl (benzylamido)(p-tolyl-amido)-phosphinate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o2523		5
116	Two single-enantiomer amidophosphoesters: a database study on the chirality of (O)P(O)(N)-based structures. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019 , 75, 77-84	0.8	5
115	A combined X-ray crystallography and theoretical study of N-H...OX (X is =P and -C) hydrogen bonds in two new structures with a (C-O)(N)P(=Y) (Y is O and S) skeleton. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018 , 74, 1610-1621	0.8	5
114	The first coordination compounds of OP[NC4H8O]3 phosphoric triamide ligand: structural study and Hirshfeld surface analysis of SnIV and MnII complexes. <i>Journal of Coordination Chemistry</i> , 2017 , 70, 1285-1302	1.6	4
113	Hirshfeld surface analysis of the 1,1'-(ethane-1,2-diyl)dipyridinium dication in two new salts: perchlorate and peroxodisulfate. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014 , 70, 230-5	0.8	4
112	New rac-XP(O)(OC6H5)(NHC6H4-p-CH3) [X = N(CH3)(cyclo-C6H11) and NH(C3H5)] and rac-(C6H5CH2NH)P(O)(OC6H5)(NH-cyclo-C6H11) mixed-amide phosphinates. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013 , 69, 1181-5		4
111	N-(2-Chloro-2,2-difluoro-acet-yl)-N',N''-diisopropyl-phospho-ric triamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o665		4
110	Diphenyl [(S)-1-phenylpropanamido]-phosphate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o2512		4
109	N,N',N'',N'''-Tetrakis(2-methylphenyl)-oxybis(phospho-nic diamide): a redetermination at 150 K with Mo K α radiation. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o450-1		4
108	N-(2-Fluoro-benzo-yl)-N',N''-bis-(4-methyl-phen-yl)phospho-ric triamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o934		4
107	N,N'-Dibenzyl-N,N'-dimethyl-N''-(methyl-sulfon-yl)phospho-ric triamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o1285		4
106	1,1'-(Ethane-1,2-di-yl)dipyridinium bis-(iodate). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o1614-5		4
105	Penta-kis(l-prolinium) dodeca-tungsto-borate trihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, m1586		4
104	N,N'-Dibenzyl-N''-(2,6-difluoro-benzo-yl)-N,N'-dimethyl-phospho-ric triamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2524		4
103	The first C(O)NHP(O)-based phosphoric triamide structure with an N-H...hydrogen bonding: A combination of X-ray crystallography and theoretical study to evaluate the strength of hydrogen bonds. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017 , 192, 936-944	1	3

102	Different molecular assemblies in two new phosphoric triamides with the same C(O)NHP(O)(NH) ₂ skeleton: crystallographic study and Hirshfeld surface analysis. <i>Chemical Papers</i> , 2017 , 71, 1809-1823	1.9	3
101	The first X-ray crystal structure of a mercury(II) complex with an SP(N) ₃ -based ligand: Synthesis and crystal structure of SP(NC ₅ H ₁₀) ₃ and [Hg{SP(NC ₅ H ₁₀) ₃ }Cl ₂] ₂ . <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019 , 194, 39-46	1	3
100	Three new phosphoric triamides with a [C(O)NH]P(O)[N(C)(C)] ₂ skeleton: a database analysis of C-N-C and P-N-C bond angles. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014 , 70, 998-1002	0.8	3
99	Diphenyl (p-tolyl-amido)-phosphate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o3357		3
98	Triphen-yl[2-(triphenyl-phosphanium-yl)eth-yl]phosphanium bis-(periodate). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o863		3
97	Diphenyl (o-tolyl-amido)-phospho-nate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o1170		3
96	N,N'-Bis(2-chloro-benz-yl)-N''-(2,2,2-trichloro-acet-yl)phospho-ric triamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o2046		3
95	O-Phenyl (tert-butyl-amido)(p-tolyl-amido)-phosphinate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3405-6		3
94	Very strong centrosymmetric [O...H...O] ⁺ and asymmetric [O-H...O] ⁺ hydrogen bonds in a new POM-Based hybrid material. <i>Journal of the Iranian Chemical Society</i> , 2010 , 7, 864-874	2	3
93	N,N-DimethylO-p-tolyl phosphoramidocyanidate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o3260-o3260		3
92	4-Methylphenyl (dimethylamido)(isopropylamido)phosphate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o4093-o4093		3
91	1-(1H-1,3-Benzimidazol-2-yl)guanidinium dihydrogendodecamolybdophosphateethanol/water (1/2.5/4). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, m2622-m2623		3
90	N-Benzyl-2-propanaminium O-methyl trichloroacetamidophosphate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o4366-o4366		3
89	A novel hybrid material based on two symmetrically independent Keggin polyoxoanions: [NH ₃ -CH(CH ₃)COOH][H ₃ O] ⁺ ₈ [PMo ₁₂ O ₄₀] ₃ .4NH ₃ CH(CH ₃)COO. <i>Journal of the Iranian Chemical Society</i> , 2008 , 5, 430-435	2	3
88	O,O'-Di-p-tolyl-pyrophospho-ric bis-(dimethyl-amide). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o450		3
87	Conformational flexibility in amidophosphoesters: a CSD analysis completed with two new crystal structures of (CHO)P(O)X [X = NHCH and N(CHCH)]. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2020 , 76, 104-116	0.8	3
86	A monomeric copper-phosphoramidate complex: Synthesis, structure, and electronic properties. <i>Polyhedron</i> , 2016 , 118, 154-158	2.7	3
85	Decorated single-enantiomer phosphoramidate-based silica/magnetic nanocomposites for direct enantioseparation.. <i>RSC Advances</i> , 2019 , 9, 27147-27156	3.7	2

84	Chiral phosphoric triamide-based polymers for enantioseparation. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 48034	2.9	2
83	The (CFC(O)NH)(CHCHNH)P(O) phosphoric triamide as a novel carrier with excellent efficiency for Cu(II) in a liquid membrane transport system.. <i>RSC Advances</i> , 2019 , 9, 9153-9159	3.7	2
82	C=O...O interaction: A Rare Noncovalent Binding in RC(O)NHP(O)[NR ₁ R ₂] ₂ Phosphoric Triamide Structures. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015 , 190, 911-917	1	2
81	Two new organotin(IV)-phosphoryl complexes: crystal structure and Hirshfeld surface analysis. <i>Journal of the Iranian Chemical Society</i> , 2015 , 12, 2093-2103	2	2
80	Hirshfeld surface analysis of two new phosphorothioic triamide structures. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2015 , 71, 824-33	0.8	2
79	Synthesis, Spectroscopic Study and Crystal Structure of a New Amidophosphonate, (C ₆ H ₅ O) ₂ P(O)(NHCH(CH ₃)(C ₂ H ₅)). <i>X-ray Structure Analysis Online</i> , 2016 , 32, 47-48	0.2	2
78	Synthesis, Spectroscopic Study and Crystal Structure of a New Single-Enantiomer C(O)NHP(O)-based Phosphoric Triamide, CCl ₃ C(O)NHP(O)[(R)-(+)-NHCH(CH ₃)(C ₆ H ₅)] ₂ ·2.5H ₂ O. <i>X-ray Structure Analysis Online</i> , 2017 , 33, 17-19	0.2	2
77	Synthesis and crystal structure of a new N-(2,6-dichlorobenzoyl)-N,N'-bis(pyrrolidinyl)-phosphoric triamide as a carrier and competitive bulk liquid membrane transport of six metal cations. <i>Russian Journal of Physical Chemistry A</i> , 2014 , 88, 2146-2156	0.7	2
76	Synthesis and Crystal Structure of Tris(L-iso-leucinium(2S,3S))-dodecatungstophosphate 4.5 hydrate. <i>X-ray Structure Analysis Online</i> , 2012 , 28, 67-68	0.2	2
75	A novel amido-pyrophosphate Mn(II) chelate complex with the synthetic ligand O{P(O)[NHC(CH ₃) ₃] ₂] ₂ (L): [Mn(L) ₂ {OC(H)N(CH ₃) ₂] ₂]Cl ₂ ·2H ₂ O. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013 , 69, 225-8		2
74	Synthesis and Crystal Structure of Bis pyridinium 1,2-Ethane periodate. <i>X-ray Structure Analysis Online</i> , 2011 , 27, 47-48	0.2	2
73	2-Amino-4-methyl-pyridinium trifluoro-acetate: a monoclinic polymorph. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o844		2
72	p-Tolyl bis-(p-tolyl-amido)phosphate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o1973		2
71	N-Cyclo-hexyl-cyclo-hexa-naminium chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o332		2
70	N,N'-Dibenzyl-N''-(2-chloro-2,2-difluoro-acet-yl)-N,N'-dimethyl-phospho-ric triamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o663-4		2
69	N-[Bis(morpholin-4-yl)phosphino-yl]-2-chloro-2,2-difluoro-acetamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o2201		2
68	N,N-Dimethyl-N',N''-diphenyl-phospho-ric triamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3220		2
67	A second monoclinic polymorph of N-[bis-(morpholin-4-yl)phosphino-yl]-4-fluoro-benzamide with the P2(1)/n space group. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2444		2

66	1,1'-(Ethane-1,2-di-yl)dipyridinium dichromate(VI). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, m305		2
65	O,O'-Dimethyl (cyclo-hexyl-amido)-thio-phosphate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2891		2
64	Crystal Structure of New POM-Based Organic-Inorganic Hybrid: Tris(glycinium) 12-phosphomolybdate-pentahydrate. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006 , 22, X281-X282		2
63	Diphenyl (benzyl-amido)phosphate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 66, o204		2
62	N-Benzyl-propan-2-aminium chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o708		2
61	Conformational analysis of two new organotin(IV) structures completed with a CSD survey. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2021 , 77, 68-80	0.8	2
60	The synergistic cooperation of NH \cdots O and CH \cdots O hydrogen bonds in the structures of three new phosphoric triamides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2018 , 193, 257-266	1	2
59	A new Z \rightarrow (2+0.5+0.5) amidophosphoester structure: Hirshfeld surface analysis of symmetry-independent molecules. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2017 , 232, 453-462	1	1
58	Dicyclohexylammonium O,O'-Diphenyl Phosphate, [(C ₆ H ₁₁) ₂ NH ₂][(C ₆ H ₅ O) ₂ P(O)(O)]: Spectroscopic Study, Crystal Structure, and Hirshfeld Surface Analysis. <i>MolBank</i> , 2019 , 2019, M1051	0.5	1
57	A Combined Quantum Mechanics and Molecular Mechanics Study on Nitrogen Oxide Adsorption/Dissociation on a Tungsten Oxide Surface. <i>Progress in Reaction Kinetics and Mechanism</i> , 2015 , 40, 128-142	0.5	1
56	Sonochemical synthesis of lithium fluoride nano cubic as an active and simple catalyst for thia-Michael addition process: synthesis and structural characterization of β -aryl- β -mercapto ketones. <i>Journal of the Iranian Chemical Society</i> , 2015 , 12, 245-255	2	1
55	Monoclinic modification of N-benzyl-propan-2-aminium chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1180		1
54	Bis(2,6-diamino-pyridinium) hydrogen phthalate nitrate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o551		1
53	N,N'-Dicyclo-hexyl-N''-(3-fluoro-benzo-yl)-N,N'-dimethyl-phospho-ric triamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3028-9		1
52	Diphenyl (2-chloro-benzyl-amido)-phosphate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 67, o5		1
51	N,N'-Bis(2-chloro-benz-yl)-N''-(dichloro-acet-yl)phospho-ric triamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o333		1
50	N,N'-Dibenzyl-N,N'-dimethyl-N''-(4-nitro-benzo-yl)phospho-ric triamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o1031		1
49	N-Benzoyl-N',N''-dicyclo-hexyl-phospho-ric triamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o1360		1

48	Diphenyl (cyclo-pentyl-amido)-phospho-nate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o1378	1
47	Phenyl bis-(m-tolyl-amido)-phosphinate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o1870	1
46	Phenyl bis-(morpholin-4-yl-amido)-phosphinate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o2202	1
45	3-(4-Bromo-anilino)-3-(4-chloro-phen-yl)-1-phenyl-propan-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o2647	1
44	N,N,N',N'-Tetra-ethyl-N''-(2-fluoro-benzo-yl)phospho-ric triamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o2643	1
43	N,N'-Bis(2-methyl-phen-yl)-N''-(2,2,2-trichloro-acet-yl)phospho-ric triamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o2792	1
42	N,N'-Dicyclo-hexyl-N''-(2,6-difluoro-benzo-yl)-N,N'-dimethyl-phospho-ric triamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3027	1
41	N,N'-Dibenzyl-N,N'-dimethyl-N''-(p-tol-yl)phospho-ric triamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3221	1
40	N,N'-Dibenzyl-N,N'-dimethyl-N''-(2-phenyl-acet-yl)phospho-ric triamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3425-6	1
39	N,N'-Dibenzyl-N''-(2,4-difluoro-benzo-yl)-N,N'-dimethyl-phospho-ric triamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o270-1	1
38	N,N'-Bis(4-methyl-phen-yl)-N''-(2,2,2-trichloro-acet-yl)phospho-ric triamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1813	1
37	Cyclo-hexyl-ammonium acetate-N,N',N''-tricyclo-hexyl-phospho-ric triamide (1/1). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2266	1
36	N,N-Dimethyl-N',N''-bis-(2-methyl-phenyl)phospho-ric triamide mono-hydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2650	1
35	Bis(pyrrolidin-1-yl)phosphinic (2,4-di-fluoro-benzo-yl)amide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2688	1
34	Hexa-kis-[[1-(dimethyl-amino)-propyl-idene]oxidanium} bis-(dodeca-molybdo-phosphate) N,N-dimethyl-propionamide penta-solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, m1226-7	1
33	N,N-Dibenzyl-O,O'-dimethyl thio-phosphate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3074	1
32	New 12-tungstophosphate-based organic-inorganic hybrid. Synthesis, spectroscopic characterization, X-ray determination and thermal behavior. <i>Journal of the Iranian Chemical Society</i> , 2008 , 5, 588-594	2 1
31	Synthesis and Crystal Structure of 1,1-Dimethoxy-4,4-bis(phenylamino)-3-buten-2-one. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006 , 22, X229-X230	1

30	Tris(2-meth-oxy-ethanaminium) dodeca-molybdophosphate trihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m1000		1
29	N,N'-Dicyclo-pentyl-N'',N''-dimethyl-phospho-ric triamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3401		1
28	Hydrogen-bond directionality and symmetry in [C(O)NH](N)P(O)-based structures: a comparison between X-ray crystallography data and neutron-normalized values, and evaluation of reliability. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2021 , 77, 384-396	1.8	1
27	Separation/Competitive Transport of Heavy Metal Ions across the Bulk Liquid Membranes with N,N',N''-Tris(4-methylphenyl)phosphoric Triamide As Carrier. <i>Russian Journal of Physical Chemistry A</i> , 2019 , 93, 2472-2476	0.7	1
26	The first coordination polymers with an [O][N]P(S)-Hg segment: a combined experimental, theoretical and database study. <i>Dalton Transactions</i> , 2019 , 48, 17908-17918	4.3	1
25	Synthesis, Crystal Structure and Hirshfeld Surface (HS) Analysis of Two New Phosphoric Triamides: A Comparison of HSs for Structures with Different Molecular Assemblies. <i>Journal of Chemical Crystallography</i> , 2020 , 50, 88-98	0.5	1
24	The synergistic co-operation of N-H...O=P hydrogen bonds and C-H...OX weak intermolecular interactions (X is =P or -C) in the (CHO)P(O)(NH-NHCF) amidophosphoester: a combined X-ray crystallographic and theoretical study. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019 , 75, 1424-1433	0.8	0
23	N-(2,6-Difluoro-benzo-yl)-P,P-bis-(pyrrolidin-1-yl)phosphinic amide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o2444		0
22	Synthesis and Crystal Structure of a New Hydrated Phosphinate Salt, [(C6H5CH2)2NH2][(C6H5)2P(O)(O)]·H2O. <i>X-ray Structure Analysis Online</i> , 2015 , 31, 37-38	0.2	
21	Two new XP(O)[NHC(CH3)3]2phosphoramidates, with X= (CH3)2N and [(CH3)3CNH]2P(O)(O). Corrigendum. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013 , 69, 453-453		
20	Piperazine-1,4-dium bis-(pyridine-2,6-dicarboxyl-ato- μ ,N,O)cobaltate(II) tetra-hydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, m985-6		
19	9-Amino-acridinium nitrate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o565		
18	N,N'-Dibenzyl-N''-(2-chloro-acet-yl)-N,N'-dimethyl-phospho-ric triamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o2439		
17	Cyclo-hex-yl(meth-yl)ammonium {bis-[cyclo-hex-yl(meth-yl)amino]-phosphor-yl}(4-methyl-phenyl-sulfon-yl)aza-nide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o2795		
16	N,N'-Di-tert-butyl-N''-(2-chloro-acet-yl)phospho-ric triamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o2848		
15	N-(3-Fluoro-benzo-yl)-N',N''-bis-(4-methyl-phen-yl)phospho-ric triamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3034		
14	5-Amino-3-methyl-1,2-oxazole-4-carbonitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2530		
13	Diphenyl (methyl-amido)-phosphate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2934		

- 12 N,N'-Dibenzyl-N''-(2-chloro-2,2-difluoro-acet-yl)phospho-ric triamide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o3009
- 11 N,N,N',N'-Tetra-benzyl-N''-(2,6-difluoro-benzo-yl)phospho-ric triamide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o3186
- 10 N-(4-Fluoro-benzo-yl)-N',N''-diisopropyl-phospho-ric triamide. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o3406-7
- 9 Diphenyl (isopropyl-amido)-phosphate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o3459
- 8 Crystal Structure of Sodium 12-Molybdophosphate Hexadecahydrate. *Analytical Sciences: X-ray Structure Analysis Online*, **2007**, 23, X137-X138
- 7 Synthesis and Crystal Structure of 5-Amino-2-benzoxazolone. *Analytical Sciences: X-ray Structure Analysis Online*, **2006**, 22, X249-X250
- 6 Crystal Structure of 4-Nitroanilinium Tetrachlorodimethylstannate(IV). *Analytical Sciences: X-ray Structure Analysis Online*, **2005**, 21, X139-X140
- 5 Analysis of N≡O hydrogen bonds in new C(O)N≡H(O)-based phosphoric triamides and analogous structures deposited in the Cambridge Structural Database. *Acta Crystallographica Section B: Structural Science*, **2013**, 69, 184-194
- 4 p-Tolyl bis-(cyclo-hexyl-amido)-phosphinate. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o2167
- 3 Structural differences/similarities of diastereotopic groups in three new chiral phosphoramides. *Acta Crystallographica Section C, Structural Chemistry*, **2021**, 77, 186-196 0.8
- 2 A comparative conformational study of (C6H5O)2P(O)(NHC(S)NHCH2C6H5) and analogous X-ray structures: energy calculations (solid-state/gas phase). *Phosphorus, Sulfur and Silicon and the Related Elements*, 1-11 1
- 1 Database Survey of Single-and-Half Phosphorus-Oxygen Bonds in Salts with the C2PO2 Segment: Crystal Structure of [NH2C5H4NH][(C6H5)2P(O)(O)]·2H2O. *Crystallography Reports*, **2022**, 67, 218-223 0.6