# Jan FÃ¡bry

List of Publications by Year
in descending order

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| 80 | 740 | 687220 | 580701 |
|---|---|---|---|
| papers | citations | 13 h-index | 25 g-index |

| 84 | 84 | 84 | 949 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Infrared, Raman and high-frequency dielectric spectroscopy and the phase transitions in Na1/2Bi1/2TiO3. Journal of Physics Condensed Matter, 2004, 16, 2719-2731. | 0.7 | 153 |
| 2 | Silver niobium trioxide, AgNbO3. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 916-918. | 0.4 | 55 |
| 3 | A new series of 3,5-diamino-1,2,4-triazolium(1+) inorganic salts and their potential in crystal engineering of novel NLO materials. CrystEngComm, 2012, 14, 4625. | 1.3 | 41 |
| 4 | Structure determination of KLaS<sub>2</sub>, KPrS<sub>2</sub>, KEuS<sub>2</sub>, KGdS<sub>2</sub>, KLuS<sub>2</sub>, KYS<sub>2</sub>, RbYS<sub>2</sub>, NaLaS<sub>2</sub>and crystal-chemical analysis of the group 1 and thallium(I) rare-earth sulfide series. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2014, 70, 360-371. | 0.5 | 37 |
| 5 | Some stereochemical criteria concerning the structural stability of A<sub>2</sub>BX<sub>4</sub>compounds of typeÎ²-K<sub>2</sub>SO<sub>4</sub>. Phase Transitions, 1994, 49, 193-229. | 0.6 | 35 |
| 6 | Structure determination of the ferroelastic phase of K3Na(CrO4)2 at 200 and 230 K and the redetermination of its parent phase at 290 K. Acta Crystallographica Section B: Structural Science, 1994, 50, 13-22. | 1.8 | 32 |
| 7 | Revision of Ferroelastic Structures of n-Heptyl- and n-Octylammonium Dihydrogen Phosphate Crystals. Acta Crystallographica Section B: Structural Science, 1997, 53, 272-279. | 1.8 | 31 |
| 8 | Phase Transition in K3Na(MoO4)2 and Determination of the Twinned Structures of K3Na(MoO4)2 and K2.5Na1.5(MoO4)2 at Room Temperature. Acta Crystallographica Section B: Structural Science, 1997, 53, 596-603. | 1.8 | 27 |
| 9 | Structure determination of KScS<sub>2</sub>, RbScS<sub>2</sub>and KLnS<sub>2</sub>(Ln = Nd, Sm,) Tj ETQq1 1 0.784314 rgBT /O Structural Chemistry, 2015, 71, 623-630. | 0.2 | 24 |
| 10 | Structure determination of the ferroelastic triple-twinned phase of K3Na(SeO4)2 at 291 K and its parent phase at 390 K. Acta Crystallographica Section B: Structural Science, 1993, 49, 826-832. | 1.8 | 19 |
| 11 | Refinement of the crystal structure of cronstedtite-2<I>H</I><SUB>2</SUB>. Clays and Clay Minerals, 2002, 50, 601-613. | 0.6 | 17 |
| 12 | Redetermination of NaGdS<sub>2</sub>, NaLuS<sub>2</sub>and NaYS<sub>2</sub>. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 533-535. | 0.2 | 17 |
| 13 | Preparation and the crystal structure of a new manganate, Sr4Mn3O10. Journal of Solid State Chemistry, 1988, 73, 520-523. | 1.4 | 16 |
| 14 | Location of Mn sites in ferromagnetic Ga1â^'xMnxAs studied by means of X-ray diffuse scattering holography. Journal of Applied Crystallography, 2006, 39, 735-738. | 1.9 | 12 |
| 15 | Ferroelastic structures of n-pentyl-, n- hexyl- and n-nonylammonium dihydrogenphosphate crystals. Acta Crystallographica Section B: Structural Science, 2000, 56, 906-914. | 1.8 | 11 |
| 16 | A resonance-assisted intramolecular hydrogen bond in compounds containing 2-hydroxy-3,5-dinitrobenzoic acid and its various deprotonated forms: redetermination of several related structures. Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 1344-1357. | 0.2 | 11 |
| 17 | Bis(ammonium) fluorophosphate at room temperature. Acta Crystallographica Section C: Crystal Structure Communications, 2002, 58, i66-i68. | 0.4 | 10 |
| 18 | Mixed crystals of 2-carbamoylguanidinium with hydrogen fluorophosphonate and hydrogen phosphite in the ratios 1:0, 0.76â€...(2):0.24â€...(2) and 0.115â€...(7):0.885â€...(7). Acta Crystallographica Section C: Crystal Structure Communications, 2012, 68, o76-o83. | 0.4 | 10 |

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|---|---|---|---|
| 19 | Infrared transmission study of crystal-field excitations inLa2â^'xâ^'yNdxSryCuO4. Physical Review B, 2002, 66, . | 1.1 | 9 |
| 20 | X-ray structure determination of bis{(-[N-(2-[2-hydroxyethylamino]ethyl)salicylaldiminato]-perchlorate cadmium(II))}monohydrate ([(Cd) Tj ETQq0 0 0 rgBT /Overlock 10 bis{(-[N-(2-[2-hydroxyethylamino]ethyl)salicylaldiminato]-perchlorate cadmium(II))} ([(Cd sadol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 | 1.0 | 9 |
| 21 | High- and low-temperature phases in isostructural 4-chloro-3-nitroaniline and 4-iodo-3-nitroaniline. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 1153-1160. | 0.2 | 9 |
| 22 | The study of crystal structures and vibrational spectra of inorganic salts of 2,4-diaminopyrimidine. Journal of Molecular Structure, 2016, 1103, 82-93. | 1.8 | 9 |
| 23 | 4-Chloro-2-methylanilinium dihydrogenphosphate. Acta Crystallographica Section E: Structure Reports Online, 2002, 58, o105-o107. | 0.2 | 8 |
| 24 | X-ray diffuse scattering in SrTiO3and model of atomic displacements. Journal of Applied Crystallography, 2012, 45, 393-397. | 1.9 | 8 |
| 25 | Structural change and some associated anomalies in the ferroelectric PbK2LiNb5O15. Ferroelectrics, 2001, 251, 131-137. | 0.3 | 7 |
| 26 | Dirubidium fluorotrioxophosphate, Rb2PO3F, at 290 and 130â€…K, and dicaesium fluorotrioxophosphate, Cs2PO3F, at 240 and 100â€…K. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, i49-i52. | 0.4 | 7 |
| 27 | Comparison of the hydrogen-bond patterns in 2-amino-1,3,4-thiadiazolium hydrogen oxalate, 2-amino-1,3,4-thiadiazoleâ€“succinic acid (1/2), 2-amino-1,3,4-thiadiazoleâ€“glutaric acid (1/1) and 2-amino-1,3,4-thiadiazoleâ€“adipic acid (1/1). Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 927-933. | 0.2 | 7 |
| 28 | Structure redetermination of SrS2O6.4H2O. Acta Crystallographica Section B: Structural Science, 1995, 51, 23-30. | 1.8 | 6 |
| 29 | A new modification of diammonium hexafluorosilicate, (NH4)2SiF6. Acta Crystallographica Section E: Structure Reports Online, 2001, 57, i90-i91. | 0.2 | 6 |
| 30 | Redetermination of sulfatotris(thiourea)zinc(II). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m3177-m3178. | 0.2 | 6 |
| 31 | Multienergy Anomalous Diffuse Scattering. Physical Review Letters, 2008, 100, 195504. | 2.9 | 6 |
| 32 | Ammonium dipotassium hydrogen difluorophosphate at room temperature. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, i14-i16. | 0.2 | 5 |
| 33 | Ammonium sodium fluorotrioxophosphate monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, i92-i94. | 0.2 | 5 |
| 34 | A note on ferroelectric low-temperature phase transitions (P2<sub>1</sub>/m â†' P2<sub>1</sub>) in Sr<sub>2</sub>GeS<sub>4</sub>compounds. Phase Transitions, 1995, 53, 61-68. | 0.6 | 4 |
| 35 | 2,4-Dimethylanilinium dihydrogenphosphate. Acta Crystallographica Section E: Structure Reports Online, 2001, 57, o1058-o1060. | 0.2 | 4 |
| 36 | Two phases of bis(tetraethylammonium) di-Î¼-chloro-bis[dichloropalladium(II)]. Acta Crystallographica Section C: Crystal Structure Communications, 2004, 60, m426-m430. | 0.4 | 4 |

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|---|---|---|---|
| 37 | Tris(methylammonium) hydrogenphosphate dihydrogenphosphate. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, o73-o75. | 0.4 | 4 |
| 38 | 4-Amino-3-methyl-6-phenyl-1,2,4-triazin-5(4H)-one (metamitron) and 4-amino-6-methyl-3-phenyl-1,2,4-triazin-5(4H)-one (isometamitron). Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, o259-o262. | 0.4 | 4 |
| 39 | Two polymorphs of bis(2-carbamoylguanidinium) fluorophosphonate dihydrate. Acta Crystallographica Section C: Crystal Structure Communications, 2012, 68, o71-o75. | 0.4 | 4 |
| 40 | X-ray diffuse scattering holography of a centrosymmetric sample. Applied Physics Letters, 2005, 87, 231914. | 1.5 | 3 |
| 41 | Tris(2-carbamoylguanidinium) hydrogen fluorophosphonate fluorophosphonate monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o47-o48. | 0.2 | 3 |
| 42 | Modelling of cation displacements in SrTiO<sub>3</sub>by means of multi-energy anomalous X-ray diffuse scattering. Journal of Applied Crystallography, 2016, 49, 1016-1020. | 1.9 | 3 |
| 43 | A study of the planarity of the pyrrolone fragment in 2-isopropyl-2,3-dihydro-1H-isoindol-1-one. Acta Crystallographica Section C, Structural Chemistry, 2016, 72, 518-524. | 0.2 | 3 |
| 44 | Migrating hydrogen in 2,4,6-triaminopyrimidinium(1+)<sub> x </sub> hydrogen trioxofluorophosphate(â^')<sub> x </sub> monohydrate/2,4,6-triaminopyrimidinium(2+)<sub>1â€“x </sub> trioxofluorophosphate(2â€“)<sub>1â€“x </sub> monohydrate (0.0 < x < 0.73) with changing temperature. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2017, 73, 1114-1124. | 0.5 | 3 |
| 45 | Ferroelasticn-propylammonium dihydrogenphosphate. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, e359-e360. | 0.4 | 2 |
| 46 | Ferroelasticn-heptylammonium dihydrogenarsenate. Acta Crystallographica Section C: Crystal Structure Communications, 2001, 57, 403-405. | 0.4 | 2 |
| 47 | Two modifications of a KH2PO4Â·HF adduct. Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, i79-i82. | 0.4 | 2 |
| 48 | Bis(tetramethylammonium) tetrachloropalladate(II). Acta Crystallographica Section E: Structure Reports Online, 2004, 60, m924-m926. | 0.2 | 2 |
| 49 | A simple method of shielding area detectors from unwanted Bragg diffraction. Journal of Applied Crystallography, 2006, 39, 127-127. | 1.9 | 2 |
| 50 | 2-(2-Hydroxyethyl)-2,3-dihydro-1H-benzo[c]pyrrol-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4137-o4138. | 0.2 | 2 |
| 51 | (3R*,1â€²S*,3â€²R*)-3-(3â€²-Hydroxy-1â€²H,3â€²H-benzo[c]furan-1â€²-yl)-2-(2â€²â€²-hydroxyethyl)-2,3-dihydro-1H-benzo[c]pyrrol-1-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4139-o4140. | 0.2 | 2 |
| 52 | Dependences of Space-Group Type Incidences of Organic and Metal-Organic Compounds on Reduced Unit-Cell Volumes. Ferroelectrics, 2008, 375, 59-73. | 0.3 | 2 |
| 53 | A new modification of thallium chromate related to the Î²-K<sub>2</sub>SO<sub>4</sub>family. Acta Crystallographica Section C: Crystal Structure Communications, 2010, 66, i45-i49. | 0.4 | 2 |
| 54 | Deviation of the KempsterÏ£¿Lipson Law from Linearity. Helvetica Chimica Acta, 2012, 95, 1202-1216. | 1.0 | 2 |

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|---|---|---|---|
| 55 | Crystal structures and vibrational spectra of biuret co-crystals with cyanuric and glutaric acids, discussion of hydrogen bonding involving carbonyl groups. Zeitschrift Fur Kristallographie - Crystalline Materials, 2016, 231, 291-300. | 0.4 | 2 |
| 56 | Crystallographic aspects of hydrated salts of 4,6-diaminopyrimidine with the first five dicarboxylic acids. Zeitschrift Fur Kristallographie - Crystalline Materials, 2017, 232, 471-484. | 0.4 | 2 |
| 57 | A long symmetric N...H...N hydrogen bond in bis(4-aminopyridinium)(1+) azide(1â˜): redetermination from the original data. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 1344-1347. | 0.2 | 2 |
| 58 | Phase transitions inn-alkylammonium dihydrogenphosphates and -arsenates and ferroelasticn-hexyl- andn-octylammonium dihydrogenarsenate. Acta Crystallographica Section C: Crystal Structure Communications, 2001, 57, 22-25. | 0.4 | 2 |
| 59 | Ferroelasticn-pentylammonium dihydrogenarsenate. Acta Crystallographica Section E: Structure Reports Online, 2001, 57, o349-o352. | 0.2 | 1 |
| 60 | Bis(tetraethylammonium) hydrogensulfate dihydrogenphosphate at 292 and 150â€...K. Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, o120-o123. | 0.4 | 1 |
| 61 | Anthracene-9-carbaldehyde hydrazone. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, o654-o656. | 0.2 | 1 |
| 62 | Inverse Database of Phase Transitions in Crystals with a Single Phase Transition. Ferroelectrics, 2004, 301, 169-174. | 0.3 | 1 |
| 63 | Ethylenediammonium fluorotrioxophosphate at 150 K. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o3217-o3219. | 0.2 | 1 |
| 64 | 2-(2-Hydroxyethyl)-3-[(2-hydroxyethyl)imino]isoindolin-1-one. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o2092-o2093. | 0.2 | 1 |
| 65 | Dipotassium zinc tetraiodate(V) dihydrate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, i22-i23. | 0.2 | 1 |
| 66 | N-[Amino(imino)methyl]uronium tetrafluoroborate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1114-o1115. | 0.2 | 1 |
| 67 | Structure determination of Cs0.864Rb1.136SeO4. Phase Transitions, 1994, 51, 239-247. | 0.6 | 0 |
| 68 | Two Modifications of a KH2PO4Ã—HF Adduct.. ChemInform, 2003, 34, no. | 0.1 | 0 |
| 69 | Anomalous scattering and isomorphous replacement in Xâ€ray diffuse scattering holography. Physica Status Solidi (A) Applications and Materials Science, 2007, 204, 2572-2577. | 0.8 | 0 |
| 70 | (Tetraoxidoselenato-Î²O)tris(thiourea-Î²S)zinc(II). Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m342-m343. | 0.2 | 0 |
| 71 | Modulation in Tl2SeO4in the temperature range 298â€“90â€‰K. Phase Transitions, 2010, 83, 980-984. | 0.6 | 0 |
| 72 | A redetermination from the original data of the crystal structure of 2-amino-4,6-dimethoxypyrimidin-1-ium 4-aminobenzoate. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 512-515. | 0.2 | 0 |

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|---|---|---|---|
| 73 | Planarity of substituted pyrrole and furan rings in (3R*, 1â€²S*, 3â€²R*)-3-(1â€²-tert-butylamino-1â€²H, 3â€²) Tj ETQq1 1 0.784314 rgB - Crystalline Materials, 2017, 232, 441-452. | 0.4 | 0 |
| 74 | Crystal structure of 2-tert-butyl-2,3-dihydro-1H-benzo[c]pyrrol-1-one. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 1184-1188. | 0.2 | 0 |
| 75 | Redetermination of cytosinium hydrogen maleateâ€“cytosine (1/1) from the original data. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 509-511. | 0.2 | 0 |
| 76 | 4-Aminobenzoic acid 4-methylpyridine/4-methylpyridinium 4-aminobenzoate 0.58/0.42: a redetermination from the original data. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 1508-1512. | 0.2 | 0 |
| 77 | Bis(3-carbamoylpyridin-1-ium) phosphite monohydrate. Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 1295-1298. | 0.2 | 0 |
| 78 | Pyridine-3-carboxamideâ€“telluric acid (1/1). Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 1521-1525. | 0.2 | 0 |
| 79 | Degenerate (identity) chemical reactions in ferroelastic crystals. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2019, 75, 287-290. | 0.5 | 0 |
| 80 | Poly[[tetradecakis(Î¼-propionato)heptabarium] propionic acid monosolvate tetrahydrate]. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 264-269. | 0.2 | 0 |