

James A Kaduk

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/770706/publications.pdf>

Version: 2024-02-01

143
papers

919
citations

643344

15
h-index

651938

25
g-index

144
all docs

144
docs citations

144
times ranked

770
citing authors

#	ARTICLE	IF	CITATIONS
1	Psilocybin: crystal structure solutions enable phase analysis of prior art and recently patented examples. Acta Crystallographica Section C, Structural Chemistry, 2022, 78, 36-55.	0.2	7
2	Cynarine monohydrate from synchrotron powder X-ray diffraction data. Acta Crystallographica Section C, Structural Chemistry, 2022, 78, 101-106.	0.2	0
3	Crystal structures of dimetal terephthalate dihydroxides, $M_2(C_8H_4O_4)(OH)_2$ ($M = Co, Ni, Zn$) from powder diffraction data and DFT calculations. Acta Crystallographica Section E: Crystallographic Communications, 2022, 78, 584-589.	0.2	1
4	Powder X-ray structural analysis and bandgap measurements for $(Ca_xSr_{2-x})MnWO_6$ ($x = 0.25, 0.5, 0.75, 1.5, 1.75$). Powder Diffraction, 2022, 37, 122-132.	0.4	1
5	Thermal and mechanical properties of the clathrate-II $Na_{12}Mn_{24}Zn_{12}$. Physical Review B, 2022, 105, .		
6	Crystal structure of loteprednol etabonate Form II, C ₂₄ H ₃₁ ClO ₇ . Powder Diffraction, 2021, 36, 50-55.	0.4	0
7	Powder X-ray diffraction of escitalopram oxalate oxalic acid hydrate, $(C_{20}H_{21}FN_2O)_2(C_2O_4)(H_2C_2O_4)(H_2O)_2$. Powder Diffraction, 2021, 36, 68-69.		
8	Crystal structure of tofacitinib dihydrogen citrate (Xeljanz [®]), $(C_{16}H_{21}N_6O)_2(C_6H_5O_7)$. Powder Diffraction, 2021, 36, 92-99.		0
9	Tribarium dicitrate pentahydrate, $[Ba_3(C_6H_5O_7)_2(H_2O)_4] \cdot 5H_2O$. Acta Crystallographica Section E: Crystallographic Communications, 2021, 77, 251-254.		
10	Crystal structure of (<i>E</i>)-doxepin hydrochloride, C ₁₉ H ₂₂ NOCl. Powder Diffraction, 2021, 36, 43-49.	0.4	1
11	Crystal structure of pimecrolimus Form B, C ₄₃ H ₆₈ ClNO ₁₁ . Powder Diffraction, 2021, 36, 35-42.	0.4	0
12	Crystal structure of pomalidomide Form I, C ₁₃ H ₁₁ N ₃ O ₄ . Powder Diffraction, 2021, 36, 114-119.	0.4	1
13	Crystal structure of edoxaban tosylate monohydrate Form I, (C ₂₄ H ₃₁ ClN ₇ O ₄ S)(C ₇ H ₇ O ₃ S)(H ₂ O). Powder Diffraction, 2021, 36, 107-113.	0.4	1
14	Crystal structure of tamsulosin hydrochloride, C ₂₀ H ₂₉ N ₂ O ₅ SCl. Powder Diffraction, 2021, 36, 85-91.	0.4	1
15	Crystal structure of tezacaftor Form A, C ₂₆ H ₂₇ F ₃ N ₂ O ₆ . Powder Diffraction, 2021, 36, 56-62.	0.4	0
16	Crystal structure of eltrombopag olamine Form I, (C ₂ H ₈ NO) ₂ (C ₂₅ H ₂₀ N ₄ O ₄). Powder Diffraction, 2021, 36, 100-106.	0.4	1
17	Crystal Structure of Linagliptin Hemihydrate Hemiethanolate (C ₂₅ H ₂₈ N ₈ O ₂) ₂ (H ₂ O)(C ₂ H ₅ OH) from 3D Electron Diffraction Data, Rietveld Refinement, and Density Functional Theory Optimization. Crystal Growth and Design, 2021, 21, 2019-2027.	1.4	10
18	Crystal structure of strontium hydrogen citrate monohydrate, Sr(HC ₆ H ₅ O ₇)(H ₂ O). Powder Diffraction, 2021, 36, 120-128.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Powder X-ray diffraction of pazopanib hydrochloride Form 1, C ₂₁ H ₂₄ N ₇ O ₂ SCl. Powder Diffraction, 2021, 36, 205-207.	0.4	1
20	Crystal structure of levocetirizine dihydrochloride Form I, C ₂₁ H ₂₇ Cl ₂ NO ₃ . Powder Diffraction, 2021, 36, 181-189.	0.4	2
21	Crystal chemistry, X-ray diffraction reference patterns, and bandgap studies for (Ba _x Sr _{1-x}) ₂ CoWO ₆ (x = 0.1, 0.2). Tj ETQq141 0.784314 rgB	1.5	4
22	Lithium dipotassium citrate monohydrate, Li ₂ C ₆ H ₅ O ₇ (H ₂ O). Acta Crystallographica Section E: Crystallographic Communications, 2021, 77, 500-503.	0.2	0
23	Role of Fe Doping on Local Structure and Electrical and Magnetic Properties of PbTiO ₃ . Journal of Physical Chemistry C, 2021, 125, 12342-12354.	1.5	4
24	Crystal structure of palbociclib isethionate Form B, (C ₂₄ H ₃₀ N ₇ O ₂)(C ₂ H ₅ O ₄ S). Powder Diffraction, 2021, 36, 196-201.	0.4	0
25	Powder X-ray diffraction of varenicline hydrogen tartrate Form B (Chantix [®]), (C ₁₃ H ₁₄ N ₃)(HC ₄ H ₄ O ₆). Powder Diffraction, 2021, 36, 202-204.	0.4	0
26	Crystal structure of donepezil hydrochloride form III, C ₂₄ H ₂₉ NO ₃ ·HCl. Powder Diffraction, 2021, 36, 233-240.	0.4	2
27	Structural and thermoelectric properties of Pb ₄ In _{2.6} Bi _{3.4} Se ₁₃ . Powder Diffraction, 2021, 36, 151-158.	0.4	0
28	Powder X-ray diffraction of daclatasvir dihydrochloride Form N-2 (Daklinza [®]), C ₄₀ H ₅₂ N ₈ O ₆ Cl ₂ . Powder Diffraction, 2021, 36, 208-211.	0.4	1
29	Crystal structure of osimertinib mesylate Form B (Tagrisso), (C ₂₈ H ₃₄ N ₇ O ₂)(CH ₃ O ₃ S). Powder Diffraction, 2021, 36, 282-290.	0.4	0
30	Powder X-ray diffraction of azelastine hydrochloride, C ₂₂ H ₂₅ ClN ₃ O·Cl. Powder Diffraction, 2021, 36, 63-64.	0.4	0
31	Powder diffraction. Nature Reviews Methods Primers, 2021, 1, .	11.8	17
32	Crystal structure of bisoprolol fumarate Form I, (C ₁₈ H ₃₂ NO ₄)(C ₄ H ₂ O ₄) _{0.5} . Powder Diffraction, 2020, 35, 34-40.	0.4	1
33	Structural Investigations of Polycarbonates whose Mechanical and Erosion Behavior Can Be Controlled by Their Isomer Sequence. Macromolecules, 2020, 53, 9878-9889.	2.2	4
34	Crystal structure of ceftriaxone sodium hemiheptahydrate, C ₁₈ H ₁₆ N ₈ O ₇ S ₃ Na ₂ (H ₂ O) _{3.5} . Powder Diffraction, 2020, 35, 206-212.	0.4	3
35	Crystal structure and X-ray absorption spectroscopy of trimethylarsine oxide dihydrate, (CH ₃) ₃ AsO·2H ₂ O. Powder Diffraction, 2020, 35, 190-196.	0.4	1
36	Powder X-ray diffraction of oseltamivir phosphate (Tamiflu [®]), C ₁₆ H ₃₁ N ₂ O ₈ P. Powder Diffraction, 2020, 35, 216-218.	0.4	0

#	ARTICLE	IF	CITATIONS
37	Crystal structure of cloxacillin sodium monohydrate, C ₁₉ H ₁₇ CIN ₃ O ₅ SNa(H ₂ O) · n ERRATUM. Powder Diffraction, 2020, 35, 79-79.	0.4	0
38	Crystal chemistry, X-ray diffraction reference patterns, and bandgap studies for (Ba _x Sr _{1-x}) ₂ CoWO ₆ (x) Tj ETQq0,0,0 rgBT /Overlock 1	0.4	2
39	Crystal chemistry and phase equilibria of the CaO-1/2Ho ₂ O ₃ -CoO ₂ system at 885 °C in air. Solid State Sciences, 2020, 107, 106348.	1.5	1
40	Crystal structure of ipratropium bromide monohydrate, C ₂₀ H ₃₀ NO ₃ Br(H ₂ O). Powder Diffraction, 2020, 35, 61-66.	0.4	0
41	Powder X-ray diffraction of trimethoprim Form I, C ₁₄ H ₁₈ N ₄ O ₃ . Powder Diffraction, 2020, 35, 69-70.	0.4	0
42	Crystal structure of pantoprazole sodium sesquihydrate Form I, C ₁₆ H ₁₄ F ₂ N ₃ O ₄ SNa(H ₂ O) _{1.5} . Powder Diffraction, 2020, 35, 53-60.	1.5	1
43	Powder X-ray diffraction of fluorometholone, C ₂₂ H ₂₉ FO ₄ . Powder Diffraction, 2020, 35, 71-72.	0.4	0
44	Crystal structure of atazanavir, C ₃₈ H ₅₂ N ₆ O ₇ . Powder Diffraction, 2020, 35, 129-135.	0.4	0
45	Crystal structure of atorvastatin calcium trihydrate Form I (Lipitor®), (C ₃₃ H ₃₄ FN ₂ O ₅) ₂ Ca(H ₂ O) ₃ . Powder Diffraction, 2020, 35, 136-143.	0.4	5
46	Crystal structures of two polymorphs of alclometasone dipropionate, C ₂₈ H ₃₇ ClO ₇ . Powder Diffraction, 2020, 35, 45-52.	0.4	0
47	Crystal structures of two magnesium citrates from powder diffraction data. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 1611-1616.	0.2	5
48	Crystal structure of aqua(citric acid)(hydrogen citrate)calcium monohydrate, [Ca(HC ₆ H ₅ O ₇)(H ₃ C ₆ H ₅ O ₇)(H ₂ O)](H ₂ O) from synchrotron X-ray powder data, and DFT-optimized crystal structure of existing calcium hydrogen citrate trihydrate, [Ca(HC ₆ H ₅ O ₇)(H ₂ O) ₃]. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 1689-1693.	0.2	3
49	Powder X-ray diffraction of flucytosine, C ₄ H ₄ FN ₃ O. Powder Diffraction, 2020, 35, 67-68.	0.4	0
50	Diammonium potassium citrate, (NH ₄) ₂ KC ₆ H ₅ O ₇ . IUCrData, 2020, 5, .	0.1	2
51	Crystal structures of two isostructural compounds: a second polymorph of dipotassium hydrogen citrate, K ₂ HC ₆ H ₅ O ₇ , and potassium rubidium hydrogen citrate, KRbHC ₆ H ₅ O ₇ . Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 1566-1571.	0.2	1
52	Structures of dipotassium rubidium citrate monohydrate, K ₂ RbC ₆ H ₅ O ₇ (H ₂ O), and potassium dirubidium citrate monohydrate, KRb ₂ C ₆ H ₅ O ₇ (H ₂ O), from laboratory X-ray powder diffraction data and DFT calculations. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 1572-1578.	0.2	0
53	Structures of disodium hydrogen citrate monohydrate, Na ₂ HC ₆ H ₅ O ₇ (H ₂ O), and diammonium sodium citrate, (NH ₄) ₂ NaC ₆ H ₅ O ₇ , from powder diffraction data. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 1572-1578.	0.2	0
54	Crystal structure of hyoscyamine sulfate monohydrate, (C ₁₇ H ₂₄ NO ₃) ₂ (SO ₄)(H ₂ O). Powder Diffraction, 2020, 35, 286-292.	0.4	0

#	ARTICLE	IF	CITATIONS
55	Crystal structure of cephalexin monohydrate, $C_{16}H_{17}N_3O_4 \cdot S(H_2O)$. Powder Diffraction, 2020, 35, 293-300.	0.4	3
56	Crystal structures of cefdinir, $C_{14}H_{13}N_5O_5 \cdot S_2$, and cefdinir sesquihydrate $C_{14}H_{13}N_5O_5 \cdot S_2 \cdot (H_2O)_{1.5}$. Powder Diffraction, 2019, 34, 267-278.	0.4	0
57	Powder X-ray diffraction of capecitabine, $C_{15}H_{22}FN_3O_6$. Powder Diffraction, 2019, 34, 282-283.	0.4	1
58	Powder X-ray structural studies and reference diffraction patterns for three forms of porous aluminum terephthalate, MIL-53(A1). Powder Diffraction, 2019, 34, 216-226.	0.4	4
59	Crystal Structure of Fosfomycin Tromethamine, $(C_4H_{12}NO_3)(C_3H_6O_4P)$, from Synchrotron Powder Diffraction Data and Density Functional Theory. Crystals, 2019, 9, 384.	1.0	2
60	Powder X-ray diffraction of capecitabine, $C_{15}H_{22}FN_3O_6$ " CORRIGENDUM. Powder Diffraction, 2019, 34, 293-293.	0.4	0
61	Crystal structure of atropine sulfate monohydrate, $(C_{17}H_{24}NO_3)_2(SO_4) \cdot (H_2O)$. Powder Diffraction, 2019, 34, 389-395.	0.4	1
62	Structural and optical properties of $Ba_3(Nb_{6-x}Ta_x)Si_4O_{26}$ ($x = 0.6, 1.8, 3.0, 4.2, 5.4$). Powder Diffraction, 2019, 34, 331-338.	0.4	1
63	Crystal structure of prednicarbate, $C_{27}H_{36}O_8$. Powder Diffraction, 2019, 34, 368-373.	0.4	1
64	Crystal structure of cloxacillin sodium monohydrate, $C_{19}H_{17}ClN_3O_5SNa \cdot (H_2O)$. Powder Diffraction, 2019, 34, 374-378.	0.4	3
65	Powder X-ray diffraction of bendamustine hydrochloride monohydrate, $C_{16}H_{22}Cl_2N_3O_5 \cdot Cl \cdot H_2O$. Powder Diffraction, 2019, 34, 74-75.	0.4	0
66	Long-Term Cycle Behavior of Nano- $LiCoO_2$ and Its Postmortem Analysis. Journal of Physical Chemistry C, 2019, 123, 3299-3308.	1.5	8
67	Structural and optical properties of $Ba(Co_{1-x}Zn_x)SiO_4$ ($x = 0, 0.1, 0.2, 0.4, 0.6, 0.8, 1.0$). Tj ETQq _{0,4} 1, 0.784314 rgBT ₄	0.4	1
68	Crystal structure of bumetanide, $C_{17}H_{20}N_2O_5 \cdot S$. Powder Diffraction, 2019, 34, 189-195.	0.4	2
69	The crystal structure of $MoO_2(O_2)(H_2O) \cdot H_2O$. Powder Diffraction, 2019, 34, 44-49.	0.4	2
70	First-principles study of carbon capture and storage properties of porous MnO_2 octahedral molecular sieve OMS-5. Powder Diffraction, 2019, 34, 13-20.	0.4	3
71	Crystal structure of oxybutynin hydrochloride hemihydrate, $C_{22}H_{32}NO_3 \cdot Cl \cdot (H_2O)_{0.5}$. Powder Diffraction, 2019, 34, 50-58.	0.4	1
72	Crystal structure of (Z)-cefprozil monohydrate, $C_{18}H_{19}N_3O_5S \cdot (H_2O)$. Powder Diffraction, 2019, 34, 379-388.	0.4	1

#	ARTICLE	IF	CITATIONS
73	Crystal structure of metolazone, $C_{16}H_{16}ClN_3O_3S$. Powder Diffraction, 2019, 34, 361-367.	0.4	1
74	Crystal structures of ammonium citrates. Powder Diffraction, 2019, 34, 35-43.	0.4	39
75	Crystal structure of minocycline hydrochloride dihydrate form A, $C_{23}H_{28}N_3O_7Cl(H_2O)_2$. Powder Diffraction, 2019, 34, 59-65.	0.4	0
76	Crystal chemistry and phase equilibria of the $CaO\text{-}\frac{1}{2}Dy_2O_3\text{-}CoO_z$ system at $885\text{ }\text{\AA}^\circ\text{C}$ in air. Solid State Sciences, 2019, 88, 57-62.	1.5	1
77	Effect of Sub-nanoparticle Architecture on Cycling Performance of MnO_2 Battery Cathodes through Thermal Tuning of Polymorph Composition. Crystal Growth and Design, 2019, 19, 1584-1591.	1.4	5
78	Crystal structure of hydroxyzine dihydrochloride, $C_{21}H_{29}Cl_2NO_2$. Powder Diffraction, 2019, 34, 66-73.	0.4	3
79	Sodium rubidium hydrogen citrate, $NaRbHC_6H_5O_7$, and sodium caesium hydrogen citrate, $NaCsHC_6H_5O_7$: crystal structures and DFT comparisons. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 223-227.	0.2	5
80	Crystal structure of dilithium potassium citrate, $Li_2KC_6H_5O_7$ determined from powder diffraction data and DFT calculations. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 410-413.	0.2	3
81	Sodium dirubidium citrate, $NaRb_2C_6H_5O_7$, and sodium dirubidium citrate dihydrate, $NaRb_2C_6H_5O_7(H_2O)_2$. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 432-437.	0.2	3
82	The crystal structure of $MoO_2(O)_2H_2O$. Powder Diffraction, 2018, 33, 49-54.	0.4	3
83	Control of thermal expansion in a low-density framework modification of silicon. Applied Physics Letters, 2018, 112, 181901.	1.5	5
84	American Crystallographic Association Meeting 2018 "24 July 2018 Toronto ON Canada. Powder Diffraction, 2018, 33, 332-333.	0.4	0
85	Crystal structure of bretylium tosylate (Bretylolol [®]), $C_{18}H_{24}BrNO_3S$. Powder Diffraction, 2018, 33, 298-302.	0.4	1
86	Crystal structure of terazosin hydrochloride dihydrate (Hytrin [®]), $C_{19}H_{26}N_5O_4Cl(H_2O)_2$. Powder Diffraction, 2018, 33, 229-236.	0.4	0
87	Dilithium (citrate) crystals and their relatives. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 1160-1170.	0.2	9
88	Synchrotron X-ray diffraction study of double perovskites $Sr_2R_2NbO_6$ ($R = Sm, Gd, Dy, Ho, Y, Tm, \text{ and } Lu$). Powder Diffraction, 2018, 33, 279-286.	0.4	4
89	Crystal structure of vardenafil hydrochloride trihydrate, $C_{23}H_{33}N_6O_4S_3Cl$ (H_2O) ₃ . Powder Diffraction, 2018, 33, 319-326.	0.4	1
90	Crystal structure of fluconazole polymorph V, $C_{13}H_{12}F_2N_6O$. Powder Diffraction, 2018, 33, 330-331.	0.4	0

#	ARTICLE	IF	CITATIONS
91	Crystal structure of lubiprostone Polymorph B, C ₂₀ H ₃₂ F ₂ O ₅ . Powder Diffraction, 2018, 33, 310-314.	0.4	0
92	Crystal structures of tricalcium citrates. Powder Diffraction, 2018, 33, 98-107.	0.4	15
93	Crystal structures of alkali metal (Group 1) citrate salts. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2018, 74, 239-252.	0.5	61
94	Crystal structure of pentasodium hydrogen dicitrate from synchrotron X-ray powder diffraction data and DFT comparison. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 286-290.	0.2	8
95	The crystal structure of Na(NH ₄)Mo ₃ O ₁₀ ·H ₂ O. Powder Diffraction, 2017, 32, 140-147.	0.4	4
96	Phase equilibria and crystal chemistry of the CaO-1/2Gd ₂ O ₃ -CoO ₂ system at 885 °C in air. Solid State Sciences, 2017, 72, 47-54.	1.5	4
97	Structure/property relationships of the thermoelectric oxyselenides (Bi _{1-x} A _x CuOSe) (A=Ba and Ca). Solid State Sciences, 2017, 72, 55-63.	1.5	9
98	X-ray diffraction study of distorted perovskites R(Co ₃ /4Ti ₁ /4)O ₃ (R = La, Pr, Nd, Sm, Eu, Gd, Dy, Ho). Powder Diffraction, 2017, 32, 237-243.	0.4	0
99	Crystallographic studies of Ba ₁₂ Nb _{8-x} Ta _x Co ₄ O ₃₆ (x=1,3,4,5,7). Solid State Sciences, 2017, 71, 3-7.	1.5	0
100	Crystal Structure of 17β-Dihydroequilin, C ₁₈ H ₂₂ O ₂ , from Synchrotron Powder Diffraction Data and Density Functional Theory. Crystals, 2017, 7, 218.	1.0	0
101	Crystal structure of dicesium hydrogen citrate from laboratory single-crystal and powder X-ray diffraction data and DFT comparison. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 231-234.	0.2	6
102	Crystal structure of dirubidium hydrogen citrate from laboratory X-ray powder diffraction data and DFT comparison. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 92-95.	0.2	10
103	Crystal structure of caesium dihydrogen citrate from laboratory X-ray powder diffraction data and DFT comparison. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 133-136.	0.2	5
104	Crystal structure of trirubidium citrate monohydrate from laboratory X-ray powder diffraction data and DFT comparison. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 227-230.	0.2	9
105	Crystal structure of trirubidium citrate from laboratory X-ray powder diffraction data and DFT comparison. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 250-253.	0.2	8
106	Tricaesium citrate monohydrate, Cs ₃ C ₆ H ₅ O ₇ ·H ₂ O: crystal structure and DFT comparison. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 520-523.	0.2	3
107	Disodium hydrogen citrate sesquihydrate, Na ₂ HC ₆ H ₅ O ₇ (H ₂ O) _{1.5} . Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 943-946.	0.2	11
108	X-ray powder diffraction reference patterns for Bi _{1-x} Pb _x OCuSe. Powder Diffraction, 2016, 31, 223-228.	0.4	8

#	ARTICLE	IF	CITATIONS
109	A second polymorph of sodium dihydrogen citrate, Na ₂ C ₆ H ₅ O ₇ : structure solution from powder diffraction data and DFT comparison. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 854-857.	0.2	17
110	X-ray diffraction and density functional theory studies of R(Fe _{0.5} Co _{0.5})O ₃ (R = Pr, Nd, Sm, Eu, Gd). Powder Diffraction, 2016, 31, 259-266.	0.4	5
111	Crystal chemistry and X-ray diffraction patterns for Co(Ni _x Zn _{1-x})Nb ₄ O ₁₂ (x = 0.2, 0.4). Tj ETQ 1 0.784314	0.1	14
112	Trisodium citrate, Na ₃ (C ₆ H ₅ O ₇). Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 793-796.	0.2	15
113	Crystal structure of anhydrous tripotassium citrate from laboratory X-ray powder diffraction data and DFT comparison. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 1159-1162.	0.2	15
114	Crystal chemistry and phase equilibria of the CaO-1/2Eu ₂ O ₃ -CoO ₂ system at 885°C. Solid State Sciences, 2016, 58, 105-110.	1.5	6
115	The crystal structure of trandolapril, C ₂₄ H ₃₄ N ₂ O ₅ : an example of the utility of raw data deposition in the powder diffraction file. Powder Diffraction, 2016, 31, 205-210.	0.4	8
116	Sodium potassium hydrogen citrate, NaKHC ₆ H ₅ O ₇ . Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 170-173.	0.2	16
117	Sodium dipotassium citrate, Na ₂ K ₂ C ₆ H ₅ O ₇ . Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 403-406.	0.2	14
118	Reference diffraction patterns, microstructure, and pore-size distribution for the copper (II) benzene-1,3,5-tricarboxylate metal organic framework (Cu-BTC) compounds. Powder Diffraction, 2015, 30, 2-13.	0.4	23
119	Phase equilibria and crystal chemistry of the CaO-1/2Sm ₂ O ₃ -CoO ₂ system at 885°C in air. Solid State Sciences, 2015, 48, 31-38.	1.5	10
120	The synthesis of ternary acetylides with tellurium: Li ₂ TeC ₂ and Na ₂ TeC ₂ . RSC Advances, 2015, 5, 55986-55993.	1.7	3
121	X-ray diffraction study and powder patterns of double-perovskites Sr ₂ RSbO ₆ (R = Pr, Nd, Sm, Eu, Gd, Dy, Ho, Y, Er, Tm, Yb, and Lu). Powder Diffraction, 2014, 29, 371-378.	0.4	12
122	Crystal structure of atomoxetine hydrochloride (Strattera), C ₁₇ H ₂₂ NOCl. Powder Diffraction, 2014, 29, 269-273.	0.4	79
123	Phase equilibria and crystal chemistry of the CaO-Nd ₂ O ₃ -CoO ₂ system at 885°C. Journal of Solid State Chemistry, 2014, 215, 128-134.	1.4	26
124	X-ray powder diffraction refinement of PbTi _x (1-x)Fe _x O ₃ (3-1) solid solution series. Powder Diffraction, 2013, 28, 254-261.	0.4	11
125	Synchrotron X-ray studies of metal-organic framework M ₂ (2,5-dihydroxyterephthalate), M = (Mn, Co, Ni, Zn) (MOF74). Powder Diffraction, 2012, 27, 256-262.	0.4	48
126	Time-Dependent CO ₂ Sorption Hysteresis in a One-Dimensional Microporous Octahedral Molecular Sieve. Journal of the American Chemical Society, 2012, 134, 7944-7951.	6.6	74

#	ARTICLE	IF	CITATIONS
127	High-resolution synchrotron X-ray powder diffraction study of bis(2-methylimidazolyl)-zinc, $C_{8}H_{10}N_{4}Zn$ (ZIF-8). Powder Diffraction, 2011, 26, 234-237.	0.4	28
128	Phase diagram, crystal chemistry and thermoelectric properties of compounds in the $Ca-Co-Zn-O$ system. Journal of Solid State Chemistry, 2011, 184, 2159-2166.	1.4	26
129	Phase compatibility and thermoelectric properties of compounds in the $Sr-Ca-Co-O$ system. Journal of Applied Physics, 2010, 107, .	1.1	31
130	Use of the Inorganic Crystal Structure Database as a problem solving tool. Acta Crystallographica Section B: Structural Science, 2002, 58, 370-379.	1.8	31
131	The crystal structures of trimellitic anhydride and two of its solvates. Crystal Engineering, 1998, 1, 277-290.	0.7	11
132	Chemical accuracy and precision in Rietveld analysis: The crystal structure of cobalt(II) acetate tetrahydrate. Powder Diffraction, 1997, 12, 27-39.	0.4	23
133	Structure validation. , 0, , 489-514.		2
134	Survey of computer programs for powder diffraction. , 0, , 698-715.		6
135	Specimen preparation. , 0, , 200-222.		7
136	Crystallographic databases and powder diffraction. , 0, , 304-324.		4
137	Crystal structure of ivermectin hemihydrate ethanolate, $(C_{48}H_{74}O_{14})(H_2O)_{0.5}(C_2H_5OH)_{0.82}$. Powder Diffraction, 0, , 1-10.	0.4	1
138	Crystal structure of brigatinib Form A (Alunbrig [®]), $C_{29}H_{39}ClN_7O_2P$. Powder Diffraction, 0, , 1-8.	0.4	0
139	Crystal structures of lanthanide terephthalate tetrahydrate, $R_2(C_8H_4O_4)_3(H_2O)_4$, $R = La-Er$. Powder Diffraction, 0, , 1-11.	0.4	0
140	Crystal structure of a second polymorph of germacrone, $C_{15}H_{22}O$. Powder Diffraction, 0, , 1-7.	0.4	0
141	Crystal structure of merimepodib, $C_{23}H_{24}N_4O_6$. Powder Diffraction, 0, , 1-7.	0.4	0
142	Crystal structure of baricitinib, $C_{16}H_{17}N_7O_2S$. Powder Diffraction, 0, , 1-7.	0.4	0
143	Crystal structure of fulvestrant hydrate (ethyl acetate), $C_{32}H_{47}F_5O_3S(H_2O)_{0.16}(C_4H_8O)_2$. Powder Diffraction, 0, , 1-9.	0.4	0