Franciszek Krok

List of Publications by Year
in descending order

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53	1,001	394421	454955
papers	citations	19 h-index	30 g-index

54	54	54	711
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Local Structure and Conductivity in the BIGAVOX System. Journal of Physical Chemistry C, 2022, 126, 2108-2120.	3.1	7
2	Local structure in a tetravalent-substituent BIMEVOX system: BIGEVOX. Journal of Materials Chemistry A, 2022, 10, 3793-3807.	10.3	7
3	Defect structure in Î´-Bi₅PbY₂O_{11.5}. RSC Advances, 2019, 9, 9640-9653.	3.6	6
4	Polymorphism in LiN(CF3SO2)2. Solid State Ionics, 2019, 330, 9-16.	2.7	8
5	Local structure and conductivity behaviour in Bi₇WO_{13.5}. Journal of Materials Chemistry A, 2018, 6, 5407-5418.	10.3	6
6	Structure and conductivity in the Bi4Nb1Y O8.5 oxide-ion conducting system. Solid State Ionics, 2018, 328, 8-16.	2.7	1
7	Structural and electrical properties of Bi 3 Y 0.9 W 0.1 O 6.15 -La 0.8 Sr 0.2 MnO 3 (BiYWO-LSM) composites. Solid State Ionics, 2017, 311, 14-19.	2.7	0
8	Structure and conductivity in tungsten doped Î´-Bi 3 YO 6. Solid State Ionics, 2017, 308, 61-67.	2.7	8
9	Structural and electrical behaviour in Bi14YO22.5. RSC Advances, 2015, 5, 83471-83479.	3.6	2
10	An ab initio study of oxide ion dynamics in type-II Bi3NbO7. Journal of Materials Chemistry A, 2015, 3, 21882-21890.	10.3	4
11	The double rare-earth substituted bismuth oxide system Bi3Y1â^'xYbxO6. Solid State Ionics, 2015, 269, 37-43.	2.7	12
12	Conductivity in lead substituted bismuth yttrate fluorites. Solid State Ionics, 2014, 254, 59-64.	2.7	3
13	Oxide ion distribution, vacancy ordering and electrical behaviour in the Bi₃NbO₇â€“Bi₃YbO₆pseudo-binary system. Journal of Materials Chemistry A, 2014, 2, 18624-18634.	10.3	8
14	Trapping of oxide ions in Î´-Bi3YO6. Solid State Ionics, 2014, 264, 49-53.	2.7	9
15	Thermal Variation of Structure and Electrical Conductivity in Bi4YbO7.5. Chemistry of Materials, 2013, 25, 326-336.	6.7	19
16	Total scattering analysis of cation coordination and vacancy pair distribution in Yb substituted Î´-Bi2O3. Journal of Physics Condensed Matter, 2013, 25, 454207.	1.8	7
17	Thermal variation of structure and electrical conductivity in Bi14WO24. Solid State Ionics, 2011, 202, 14-21.	2.7	7
18	Ordered fluorite phases in the Bi2O3-Ta2O5 system: A structural and electrical investigation. Solid State Ionics, 2011, 202, 22-29.	2.7	13

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19	Phase and electrical behaviour in the Bi14W1â˜'xLaxO24â˜'3x/2 system. Solid State Ionics, 2011, 203, 22-28.	2.7	7
20	A neutron total scattering study of defect structure in Bi3Nb0.5Y0.5O6.5. Solid State Ionics, 2011, 192, 176-180.	2.7	12
21	Structural and electrical properties of Bi3Nb1â˜'xErxO7â˜'x. Solid State Ionics, 2010, 181, 796-811.	2.7	24
22	Defect structure and electrical conductivity in the Bi3+xNb0.8W0.2O7.1+3x/2 system. Solid State Ionics, 2010, 181, 1750-1756.	2.7	7
23	A Combined Total Scattering and Simulation Approach to Analyzing Defect Structure in Bi₃YO₆. Chemistry of Materials, 2010, 22, 4435-4445.	6.7	36
24	Investigation of transport numbers in yttrium doped bismuth niobates. Journal of Power Sources, 2009, 194, 16-19.	7.8	21
25	Defect structure in Bi3Nb1â˜'xZrxO7â˜'x/2. Solid State Ionics, 2008, 179, 2-8.	2.7	9
26	Effects of low levels of tungsten doping in bismuth niobates. Solid State Ionics, 2008, 179, 172-177.	2.7	5
27	Oxide ion distribution and conductivity in Bi7Nb2â˜'2xY2xO15.5â˜'2x. Solid State Ionics, 2008, 179, 975-980.	2.7	19
28	The appearance of an orthorhombic BIMEVOX phase in the system Bi2MgxV1â˜'xO5.5â˜'3x/2â˜'Î´ at high values of x. Solid State Ionics, 2008, 179, 82-87.	2.7	10
29	Defect structure and electrical conductivity in Bi3TaO7. Solid State Ionics, 2008, 179, 1013-1017.	2.7	31
30	Electronic, Structural and Magnetic Properties of Nanocrystalline Li1+xMn2-xO4 Spinels. ECS Transactions, 2007, 3, 179-190.	0.5	2
31	A New Approach Toward Local Structure of Spinel Compounds Using Vibrational and Magnetic Properties. ECS Transactions, 2007, 3, 107-118.	0.5	1
32	Effects of ageing on defect structure in the Bi3NbO7â€"Bi3YO6 system. Journal of Power Sources, 2007, 173, 788-794.	7.8	13
33	Correlation of defect structure and ionic conductivity in Î´-phase solid solutions in the Bi3NbO7â€"Bi3YO6 system. Solid State Ionics, 2006, 177, 1761-1765.	2.7	47
34	Defect structure and ionic conductivity in Bi3Nb0.8W0.2O7.1. Journal of Solid State Electrochemistry, 2006, 10, 569-574.	2.5	23
35	Phase transition studies in BIMEVOX solid electrolytes using AC impedance spectroscopy. Solid State Ionics, 2005, 176, 2053-2058.	2.7	43
36	Polycrystalline BIMGVOX.13 studied by impedance spectroscopy. Solid State Ionics, 2005, 176, 2085-2093.	2.7	52

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37	Phase transitions in the BIZRVOX system. Solid State Ionics, 2005, 176, 1731-1737.	2.7	37
38	A new highly conducting fluorite phase in the bismuth?zirconium?niobate system. Solid State Ionics, 2004, 175, 335-339.	2.7	20
39	Phase stabilization and electrical characterisation in the pseudo-binary system Bi2ZrO5?Bi2VO5.5??. Solid State Ionics, 2004, 175, 425-429.	2.7	9
40	A model for the mechanism of low temperature ionic conduction in divalent-substituted Î³-BIMEVOXes. Solid State Ionics, 2003, 157, 139-145.	2.7	61
41	Phase transitions as a function of temperature in BIMGVOX. Physica Status Solidi A, 2003, 198, 357-363.	1.7	5
42	Phase stabilisation in the pseudo-binary system Bi2MgO4â€“Bi2VO5.5â^Î´. Solid State Ionics, 2003, 157, 155-161.	2.7	4
43	Polymer electrolytes based on PEO and aluminum carboxylates. Solid State Ionics, 2002, 152-153, 227-234.	2.7	12
44	Defect chemistry of the BIMEVOXesElectronic supplementary information (ESI) available: full list of schemes for all combinations of l and CN generated using the program DEFEQN. A listing of the program is also available. See http://www.rsc.org/suppdata/jm/b2/b203992n/. Journal of Materials Chemistry, 2002, 12, 3351-3362.	6.7	91
45	Stabilisation and characterisation of a new Î²IIIÂphase in ZrÂdoped Bi2O3. Journal of Materials Chemistry, 2001, 11, 1715-1721.	6.7	32
46	Electrical conductivity and structure correlation in BIZNVOX. Solid State Ionics, 1999, 119, 139-144.	2.7	36
47	Relaxation dispersion of ionic conductivity of BICOVOX. Solid State Ionics, 1999, 119, 145-150.	2.7	31
48	Effects of preparation parameters on oxygen stoichiometry in Bi4V2O11â^Î´. Journal of Materials Chemistry, 1998, 8, 1213-1217.	6.7	38
49	Structural and electrical characterisation of BICOCUVOX. Ionics, 1997, 3, 235-238.	2.4	4
50	Structure of the cubic intercalate Mg x TiS2. Journal of Materials Chemistry, 1992, 2, 139.	6.7	33
51	Chemical intercalation of magnesium into solid hosts. Journal of Materials Chemistry, 1991, 1, 705.	6.7	79
52	Preliminary results on a new polymer electrolyte, poly(ethyleneoxide)-Hg(ClO4)2. British Polymer Journal, 1988, 20, 193-194.	0.7	5
53	Influence of doping on some physical properties of NASICON. Solid State Ionics, 1983, 9-10, 803-807.	2.7	14