

Wojciech Wróbel

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Stability of tungsten-doped $\hat{\Gamma}$ -Bi ₃ YO ₆ . Solid State Ionics, 2020, 345, 115173.	2.7	2
2	Preparation and characterisation of iron substituted Mn _{1.7} Cu _{1.3-x} Fe _x O ₄ spinel oxides (x = 0, 0.1, 0.3.) Tj ETQq0 0.0.rgBT /Overlock 10	9.7	13
3	The influence of defect structure changes at phase transition on electrical properties in the Bi _{0.75} Pr _{0.25} O _{1.5} oxide ion conductor. Solid State Ionics, 2020, 348, 115284.	2.7	3
4	Defect structure in $\hat{\Gamma}$ -Bi ₅ PbY ₂ O _{11.5} . RSC Advances, 2019, 9, 9640-9653.	3.6	6
5	Local structure and conductivity behaviour in Bi ₇ WO _{13.5} . Journal of Materials Chemistry A, 2018, 6, 5407-5418.	10.3	6
6	Status report on high temperature fuel cells in Poland – Recent advances and achievements. International Journal of Hydrogen Energy, 2017, 42, 4366-4403.	7.1	55
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 $\hat{\Gamma}$ -Bi ₃ YO ₆ . Solid State Ionics, 2017, 308, 61-67.	2.7	8
9	Low-temperature $\hat{\Gamma}$ -AgI confined in glass: Structure and dynamics. Solid State Ionics, 2015, 271, 2-9.	2.7	20
10	Structural and electrical behaviour in Bi ₁₄ YO _{22.5} . RSC Advances, 2015, 5, 83471-83479.	3.6	2
11	An ab initio study of oxide ion dynamics in type-II Bi ₃ NbO ₇ . Journal of Materials Chemistry A, 2015, 3, 21882-21890.	10.3	4
12	The double rare-earth substituted bismuth oxide system Bi ₃ Y _{1-x} Yb _x O ₆ . Solid State Ionics, 2015, 269, 37-43.	2.7	12
13	Conductivity in lead substituted bismuth yttrate fluorites. Solid State Ionics, 2014, 254, 59-64.	2.7	3
14	Oxide ion distribution, vacancy ordering and electrical behaviour in the Bi ₃ NbO ₇ -Bi ₃ YbO ₆ pseudo-binary system. Journal of Materials Chemistry A, 2014, 2, 18624-18634.	10.3	8
15	Trapping of oxide ions in $\hat{\Gamma}$ -Bi ₃ YO ₆ . Solid State Ionics, 2014, 264, 49-53.	2.7	9
16	Ab-initio molecular dynamics simulation of $\hat{\Gamma}$ -Bi ₃ YO ₆ . Solid State Ionics, 2013, 245-246, 43-48.	2.7	7
17	Thermal Variation of Structure and Electrical Conductivity in Bi ₄ YbO _{7.5} . Chemistry of Materials, 2013, 25, 326-336.	6.7	19
18	Total scattering analysis of cation coordination and vacancy pair distribution in Yb substituted $\hat{\Gamma}$ -Bi ₂ O ₃ . Journal of Physics Condensed Matter, 2013, 25, 454207.	1.8	7

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19	Phase and electrical behaviour in $\text{Bi}_{4-x}\text{NbO}_{8.5}$. Journal of Physics Condensed Matter, 2012, 24, 045904.	1.8	6
20	Ionic and electronic conductivity in a Bi_2O_3 -based material. Solid State Ionics, 2012, 225, 493-497.	2.7	13
21	Thermal variation of structure and electrical conductivity in $\text{Bi}_{14}\text{WO}_{24}$. Solid State Ionics, 2011, 202, 14-21.	2.7	7
22	Ordered fluorite phases in the Bi_2O_3 - Ta_2O_5 system: A structural and electrical investigation. Solid State Ionics, 2011, 202, 22-29.	2.7	13
23	Phase and electrical behaviour in the $\text{Bi}_{14}\text{W}_{1-x}\text{La}_x\text{O}_{24-3x/2}$ system. Solid State Ionics, 2011, 203, 22-28.	2.7	7
24	First and Second Universalities: Expeditions Towards and Beyond. Zeitschrift Fur Physikalische Chemie, 2010, 224, 1891-1950.	2.8	35
25	Structural and electrical properties of $\text{Bi}_3\text{Nb}_{1-x}\text{Er}_x\text{O}_7$. Solid State Ionics, 2010, 181, 796-811.	2.7	24
26	Defect structure and electrical conductivity in the $\text{Bi}_{3+x}\text{Nb}_{0.8}\text{W}_{0.2}\text{O}_{7.1+3x/2}$ system. Solid State Ionics, 2010, 181, 1750-1756.	2.7	7
27	Investigation of transport numbers in yttrium doped bismuth niobates. Journal of Power Sources, 2009, 194, 16-19.	7.8	21
28	Frequency-dependent fluidity and conductivity of an ionic liquid. Physical Chemistry Chemical Physics, 2009, 11, 5930.	2.8	44
29	Broadband Conductivities and Fluidities of Fragile Ionic Liquids. Electrochemistry, 2009, 77, 573-581.	1.4	4
30	Defect structure in $\text{Bi}_3\text{Nb}_{1-x}\text{Zr}_x\text{O}_7$. Solid State Ionics, 2008, 179, 2-8.	2.7	9
31	The appearance of an orthorhombic BIMEVOX phase in the system $\text{Bi}_2\text{Mg}_x\text{V}_{1-x}\text{O}_{5.5-3x/2}$ at high values of x. Solid State Ionics, 2008, 179, 82-87.	2.7	10
32	Effects of ageing on defect structure in the Bi_3NbO_7 - Bi_3YO_6 system. Journal of Power Sources, 2007, 173, 788-794.	7.8	13
33	Correlation of defect structure and ionic conductivity in $\hat{\Gamma}$ -phase solid solutions in the Bi_3NbO_7 - Bi_3YO_6 system. Solid State Ionics, 2006, 177, 1761-1765.	2.7	47
34	Defect structure and ionic conductivity in $\text{Bi}_3\text{Nb}_{0.8}\text{W}_{0.2}\text{O}_{7.1}$. 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 Bi ₂ ZrO ₅ ?Bi ₂ VO _{5.5} ???. Solid State Ionics, 2004, 175, 425-429.	2.7	9
40	Phase transitions as a function of temperature in BIMGVOX. Physica Status Solidi A, 2003, 198, 357-363.	1.7	5
41	Phase stabilisation in the pseudo-binary system Bi ₂ MgO ₄ â€“Bi ₂ VO _{5.5} âˆ“Î”. Solid State Ionics, 2003, 157, 155-161. 2.7	2.7	4
42	Phase stability, structure and electrical conductivity in the system Bi ₂ ZrxV1âˆ“xO5.5âˆ“(x/2)âˆ“Î”. Solid State Ionics, 2002, 154-155, 511-516.	2.7	25
43	Stabilisation and characterisation of a new Î²IIIÎ”phase in ZrÎ”doped Bi ₂ O ₃ . Journal of Materials Chemistry, 2001, 11, 1715-1721.	6.7	32