

# Wojciech Wróbel

## List of Publications by Year in descending order

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43  
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docs citations

43  
times ranked

567  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Polycrystalline BIMGVOX.13 studied by impedance spectroscopy. Solid State Ionics, 2005, 176, 2085-2093.	2.7	52
3	Correlation of defect structure and ionic conductivity in $\delta$ -phase solid solutions in the $\text{Bi}_3\text{NbO}_7$ – $\text{Bi}_3\text{YO}_6$ system. Solid State Ionics, 2006, 177, 1761-1765.	2.7	47
4	Frequency-dependent fluidity and conductivity of an ionic liquid. Physical Chemistry Chemical Physics, 2009, 11, 5930.	2.8	44
5	Phase transition studies in BIMEVOX solid electrolytes using AC impedance spectroscopy. Solid State Ionics, 2005, 176, 2053-2058.	2.7	43
6	Phase transitions in the BIZRVOX system. Solid State Ionics, 2005, 176, 1731-1737.	2.7	37
7	First and Second Universalities: Expeditions Towards and Beyond. Zeitschrift Fur Physikalische Chemie, 2010, 224, 1891-1950.	2.8	35
8	Stabilisation and characterisation of a new $\delta$ -phase in Zr-doped $\text{Bi}_2\text{O}_3$ . Journal of Materials Chemistry, 2001, 11, 1715-1721.	6.7	32
9	Phase stability, structure and electrical conductivity in the system $\text{Bi}_2\text{Zr}_x\text{V}_{1-x}\text{O}_{5.5(x/2)}$ . Solid State Ionics, 2002, 154-155, 511-516.	2.7	25
10	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
11	Defect structure and ionic conductivity in $\text{Bi}_3\text{Nb}_{0.8}\text{W}_{0.2}\text{O}_7$ . Journal of Solid State Electrochemistry, 2006, 10, 569-574.	2.5	23
12	Investigation of transport numbers in yttrium doped bismuth niobates. Journal of Power Sources, 2009, 194, 16-19.	7.8	21
13	A new highly conducting fluorite phase in the bismuth/zirconium/niobate system. Solid State Ionics, 2004, 175, 335-339.	2.7	20
14	Low-temperature $\delta$ -AgI confined in glass: Structure and dynamics. Solid State Ionics, 2015, 271, 2-9.	2.7	20
15	Thermal Variation of Structure and Electrical Conductivity in $\text{Bi}_4\text{YbO}_7$ . Chemistry of Materials, 2013, 25, 326-336.	6.7	19
16	Effects of ageing on defect structure in the $\text{Bi}_3\text{NbO}_7$ – $\text{Bi}_3\text{YO}_6$ system. Journal of Power Sources, 2007, 173, 788-794.	7.8	13
17	Ordered fluorite phases in the $\text{Bi}_2\text{O}_3$ - $\text{Ta}_2\text{O}_5$ system: A structural and electrical investigation. Solid State Ionics, 2011, 202, 22-29.	2.7	13
18	Ionic and electronic conductivity in a $\text{Bi}_2\text{O}_3$ -based material. Solid State Ionics, 2012, 225, 493-497.	2.7	13

#	ARTICLE	IF	CITATIONS
19	Preparation and characterisation of iron substituted $Mn_{1.7}Cu_{1.3-x}Fe_xO_4$ spinel oxides ( $x = 0, 0.1, 0.3$ ). <i>Tj ETQq1</i> 10.784314. <a href="#">rgBT / Over</a>	5.7	13
20	The double rare-earth substituted bismuth oxide system $Bi_3Y_{1-x}Yb_xO_6$ . <i>Solid State Ionics</i> , 2015, 269, 37-43.	2.7	12
21	The appearance of an orthorhombic BIMEVOX phase in the system $Bi_2Mg_xV_{1-x}O_{5.5+3x/2}$ at high values of $x$ . <i>Solid State Ionics</i> , 2008, 179, 82-87.	2.7	10
22	Phase stabilization and electrical characterisation in the pseudo-binary system $Bi_2ZrO_5/Bi_2VO_{5.5}$ ?. <i>Solid State Ionics</i> , 2004, 175, 425-429.	2.7	9
23	Defect structure in $Bi_3Nb_{1-x}Zr_xO_{7+x/2}$ . <i>Solid State Ionics</i> , 2008, 179, 2-8.	2.7	9
24	Trapping of oxide ions in $\hat{\Gamma}$ - $Bi_3YO_6$ . <i>Solid State Ionics</i> , 2014, 264, 49-53.	2.7	9
25	Oxide ion distribution, vacancy ordering and electrical behaviour in the $Bi_{3-x}Nb_{7-x}O_{10}$ pseudo-binary system. <i>Journal of Materials Chemistry A</i> , 2014, 2, 18624-18634.	10.3	8
26	Structure and conductivity in tungsten doped $\hat{\Gamma}$ - $Bi_3YO_6$ . <i>Solid State Ionics</i> , 2017, 308, 61-67.	2.7	8
27	Defect structure and electrical conductivity in the $Bi_{3+x}Nb_{0.8}W_{0.2}O_{7.1+3x/2}$ system. <i>Solid State Ionics</i> , 2010, 181, 1750-1756.	2.7	7
28	Thermal variation of structure and electrical conductivity in $Bi_{14}WO_{24}$ . <i>Solid State Ionics</i> , 2011, 202, 14-21.	2.7	7
29	Phase and electrical behaviour in the $Bi_{14}W_{1-x}La_xO_{24+3x/2}$ system. <i>Solid State Ionics</i> , 2011, 203, 22-28.	2.7	7
30	Ab-initio molecular dynamics simulation of $\hat{\Gamma}$ - $Bi_3YO_6$ . <i>Solid State Ionics</i> , 2013, 245-246, 43-48.	2.7	7
31	Total scattering analysis of cation coordination and vacancy pair distribution in Yb substituted $\hat{\Gamma}$ - $Bi_2O_3$ . <i>Journal of Physics Condensed Matter</i> , 2013, 25, 454207.	1.8	7
32	Phase and electrical behaviour in $Bi_4Nb_{8.5}O_{20}$ . <i>Journal of Physics Condensed Matter</i> , 2012, 24, 045904.	1.8	6
33	Local structure and conductivity behaviour in $Bi_7WO_{13.5}$ . <i>Journal of Materials Chemistry A</i> , 2018, 6, 5407-5418.	10.3	6
34	Defect structure in $\hat{\Gamma}$ - $Bi_5PbY_2O_{11.5}$ . <i>RSC Advances</i> , 2019, 9, 9640-9653.	3.6	6
35	Phase transitions as a function of temperature in BIMCVOX. <i>Physica Status Solidi A</i> , 2003, 198, 357-363.	1.7	5
36	Phase stabilisation in the pseudo-binary system $Bi_2MgO_4/Bi_2VO_{5.5}$ ?. <i>Solid State Ionics</i> , 2003, 157, 155-161.	2.7	4

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37	Broadband Conductivities and Fluidities of Fragile Ionic Liquids. <i>Electrochemistry</i> , 2009, 77, 573-581.	1.4	4
38	An ab initio study of oxide ion dynamics in type-II Bi <sub>3</sub> NbO <sub>7</sub> . <i>Journal of Materials Chemistry A</i> , 2015, 3, 21882-21890.	10.3	4
39	Conductivity in lead substituted bismuth yttrate fluorites. <i>Solid State Ionics</i> , 2014, 254, 59-64.	2.7	3
40	The influence of defect structure changes at phase transition on electrical properties in the Bi <sub>0.75</sub> Pr <sub>0.25</sub> O <sub>1.5</sub> oxide ion conductor. <i>Solid State Ionics</i> , 2020, 348, 115284.	2.7	3
41	Structural and electrical behaviour in Bi <sub>14</sub> YO <sub>22.5</sub> . <i>RSC Advances</i> , 2015, 5, 83471-83479.	3.6	2
42	Stability of tungsten-doped $\hat{\Gamma}$ -Bi <sub>3</sub> YO <sub>6</sub> . <i>Solid State Ionics</i> , 2020, 345, 115173.	2.7	2
43	Structural and electrical properties of Bi <sub>3</sub> Y <sub>0.9</sub> W <sub>0.1</sub> O <sub>6.15</sub> -La <sub>0.8</sub> Sr <sub>0.2</sub> MnO <sub>3</sub> (BiYWO-LSM) composites. <i>Solid State Ionics</i> , 2017, 311, 14-19.	2.7	0