

# Ryszard J. Barczyński

## List of Publications by Year in descending order

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48  
papers

558  
citations

759233

12  
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677142

22  
g-index

49  
all docs

49  
docs citations

49  
times ranked

426  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dielectric properties of transition metal oxide glasses. Journal of Non-Crystalline Solids, 1995, 185, 84-93.	3.1	64
2	Electronic and ionic relaxations in oxide glasses. Solid State Ionics, 2005, 176, 2145-2151.	2.7	61
3	Electronic conductivity in Na <sub>2</sub> O-FeO-P <sub>2</sub> O <sub>5</sub> glasses. Solid State Ionics, 2003, 157, 293-298.	2.7	44
4	Ac and dc conductivities in V <sub>2</sub> O <sub>5</sub> -P <sub>2</sub> O <sub>5</sub> glasses containing alkaline ions. Journal of Non-Crystalline Solids, 2010, 356, 1965-1967.	3.1	38
5	Mixed electronic-ionic conductivity in transition metal oxide glasses containing alkaline ions. Journal of Non-Crystalline Solids, 2002, 307-310, 1055-1059.	3.1	36
6	Dielectric relaxation in semiconducting oxide glasses. Journal of Non-Crystalline Solids, 1996, 196, 275-279.	3.1	31
7	The photoconductivity of sol-gel derived TiO <sub>2</sub> films. Optical Materials, 2004, 26, 151-153.	3.6	24
8	Ionic conductivity of bismuth silicate and bismuth germanate glasses. Solid State Ionics, 2003, 159, 293-299.	2.7	23
9	Internal friction in high T <sub>c</sub> iron doped 1-2-3 yttrium ceramic superconductors. Solid State Communications, 1990, 74, 595-598.	1.9	19
10	Electrical conductivity and relaxation processes in V <sub>2</sub> O <sub>5</sub> nanorods prepared by sol-gel method. Physica Status Solidi (B): Basic Research, 2015, 252, 2111-2116.	1.5	17
11	Nanostructure and dielectric behavior of vanadate glasses containing BaTiO <sub>3</sub> . Journal of Non-Crystalline Solids, 2014, 401, 202-206.	3.1	15
12	Internal friction in ErBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> superconductors. Physica C: Superconductivity and Its Applications, 1989, 158, 497-500.	1.2	12
13	Low-temperature mechanical energy dissipation phenomena in lanthanum superconductors. Physica C: Superconductivity and Its Applications, 1993, 207, 300-306.	1.2	12
14	The electronic conductivity mechanism in Bi-Sr-Ca-Cu-O glass-ceramics. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 2000, 80, 1093-1103.	0.6	10
15	Polaron hopping conduction in manganese borosilicate glass. Journal of Non-Crystalline Solids, 2017, 458, 15-21.	3.1	10
16	Anelastic effects in CuO. Solid State Communications, 1989, 72, 97-99.	1.9	9
17	Mixed ionic-polaron transport and rapid crystallization in (Bi,Pb)-Sr-Ca-Cu-O glass. Solid State Ionics, 2003, 157, 299-303.	2.7	9
18	Multiple acoustic and optical phonon-assisted hopping in oxide glasses containing transition metal ions. Journal of Non-Crystalline Solids, 2006, 352, 4229-4231.	3.1	9

#	ARTICLE	IF	CITATIONS
19	Electrical properties and structure of lead-borate glass containing iron ions. <i>Solid State Ionics</i> , 2014, 262, 837-840.	2.7	9
20	Electronic and ionic relaxations in strontium borate glass and glass-ceramics containing bismuth and vanadium oxides. <i>Solid State Ionics</i> , 2015, 282, 37-48.	2.7	9
21	Electrical properties of Na <sub>2</sub> O-CaO-P <sub>2</sub> O <sub>5</sub> glasses doped with SiO <sub>2</sub> and Si <sub>3</sub> N <sub>4</sub> . <i>Solid State Ionics</i> , 2018, 325, 157-162.	2.7	8
22	Ion conduction in beryllium-alumino-silicate glasses doped with sodium or sodium and lithium ions. <i>Solid State Ionics</i> , 2019, 341, 115055.	2.7	8
23	Superconducting and anelastic effects in Pb-doped BiSrCaCuO ceramics. <i>Physica C: Superconductivity and Its Applications</i> , 1989, 160, 25-29.	1.2	7
24	Relaxation phenomena in 1-2-3 high T <sub>c</sub> superconductors. <i>Solid State Communications</i> , 1990, 75, 789-790.	1.9	7
25	Elastic constant and internal friction in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> single crystal. <i>Solid State Communications</i> , 1990, 76, 357-360.	1.9	7
26	Electronic conductivity in the SiO <sub>2</sub> -PbO-Fe <sub>2</sub> O <sub>3</sub> glass containing magnetic nanostructures. <i>Solid State Ionics</i> , 2014, 262, 801-805.	2.7	7
27	Some aspects of mechanical energy dissipation phenomena in yttrium superconductors. <i>Solid State Communications</i> , 1992, 83, 793-797.	1.9	6
28	Microstructure and Dielectric Properties of Barium-vanadate Glasses. <i>Procedia Engineering</i> , 2014, 98, 62-70.	1.2	6
29	Nonlinear and linear impedance of bismuth vanadate ceramics and its relation to structural properties. <i>Solid State Ionics</i> , 2015, 271, 86-90.	2.7	6
30	Mixed ionic-electronic conductivity and structural properties of strontium borate glass containing nanocrystallites of Bi <sub>2</sub> VO <sub>5.5</sub> . <i>Physica Status Solidi (B): Basic Research</i> , 2017, 254, 1700093.	1.5	5
31	Thermal, electrical, and magnetic properties of Fe <sub>2</sub> O <sub>3</sub> -PbO-SiO <sub>2</sub> glass prepared by traditional melt-quenching and twin roller fast-cooling methods. <i>Journal of Physics and Chemistry of Solids</i> , 2019, 135, 109010.	4.0	5
32	Mixed conductivity in tungstenite-phosphate glasses containing alkali metal ions. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 4275-4277.	3.1	4
33	Nonlinear impedance as possible result of ion-polaron interaction in Cu <sub>2</sub> O-Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> glass. <i>Journal of Non-Crystalline Solids</i> , 2010, 356, 1962-1964.	3.1	4
34	Effect of Cr and Mn doping on ferroelectric and dielectric properties of Li <sub>1.72</sub> Na <sub>0.28</sub> Ge <sub>4</sub> O <sub>9</sub> single crystals. <i>Phase Transitions</i> , 2013, 86, 230-237.	1.3	3
35	Impedance Studies of Phosphate-iron Glasses Containing Niobium and Titanium. <i>Procedia Engineering</i> , 2014, 98, 56-61.	1.2	3
36	Nonlinear electrical properties of glass-ceramics nanocomposites containing ferroelectric nanocrystallites of Bi <sub>2</sub> VO <sub>5.5</sub> . <i>Solid State Ionics</i> , 2018, 317, 7-14.	2.7	3

