

# Marek Kostrzewa

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

321  
citations

840776

11  
h-index

940533

16  
g-index

40  
all docs

40  
docs citations

40  
times ranked

275  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of gold metallic particles on improving green and NIR emissions of Ho <sup>3+</sup> ions in non-conventional SeO <sub>2</sub> based glass ceramics. <i>Journal of Non-Crystalline Solids</i> , 2022, 576, 121240.	3.1	9
2	Dielectric dispersion impedance spectroscopy and polaron tunneling phenomenon in Au <sub>2</sub> O <sub>3</sub> mixed PbO-B <sub>2</sub> O <sub>3</sub> -SeO <sub>2</sub> :Er <sub>2</sub> O <sub>3</sub> glass ceramics. <i>Journal of Alloys and Compounds</i> , 2022, 904, 164069.	5.5	0
3	Emission features of Er <sup>3+</sup> ions in an exotic SeO <sub>2</sub> based glass system. <i>Journal of Non-Crystalline Solids</i> , 2021, 556, 120558.	3.1	6
4	Studies on near infrared emission of Yb <sup>3+</sup> ions in a SeO <sub>2</sub> based glass system. <i>Physica B: Condensed Matter</i> , 2021, 606, 412827.	2.7	5
5	Dielectric Relaxation Dynamics and Polaronic Tunneling Conduction Mechanism of Electrical Conductivity of Fe <sub>2</sub> O <sub>3</sub> doped PbO-ZrO <sub>2</sub> -SiO <sub>2</sub> Glass Ceramics. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2021, 218, 2100071.	1.8	3
6	Exploration of nano sized defects in Fe <sub>2</sub> O <sub>3</sub> doped lead zirconium silicate glass ceramics by using positron annihilation lifetime spectroscopy. <i>Ceramics International</i> , 2021, 47, 21785-21790.	4.8	4
7	Epoxy Molecular Structure Alteration in Graphene-Epoxy Nanocomposites: Loading Effects. <i>Springer Proceedings in Physics</i> , 2021, , 459-483.	0.2	1
8	Polaronic conduction and dielectric relaxation dynamics in V <sub>2</sub> O <sub>5</sub> added lead bismuth silicate glass system. <i>Journal of Non-Crystalline Solids</i> , 2020, 528, 119746.	3.1	9
9	Correlation studies between physical properties and concentration of voids entrenched in V <sub>2</sub> O <sub>5</sub> mixed lead bismuth silicate glass system by means of positron annihilation spectroscopy. <i>Vacuum</i> , 2020, 173, 109171.	3.5	5
10	Influence of nickel ion concentration on the free volume defects entrenched in an alkali sulphophosphate glass system by means of positron annihilation characterization technique. <i>Journal of Non-Crystalline Solids</i> , 2020, 547, 120315.	3.1	4
11	Nd <sup>3+</sup> Doped Lead Boro Selenate Glass: A New Efficient System for Near-Infrared 1.06 μm Laser Emission. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2020, 217, 2000602.	1.8	3
12	Estimation of concentration of nano-sized voids ingrained in CuO doped lithium sulphophosphate amorphous system using positron annihilation spectroscopy. <i>Optical Materials</i> , 2020, 109, 110314.	3.6	6
13	From LaH <sub>10</sub> to room-temperature superconductors. <i>Scientific Reports</i> , 2020, 10, 1592.	3.3	22
14	Phonon-Induced Superconducting State: From Metallic Hydrogen to LaH <sub>10</sub> . <i>Acta Physica Polonica A</i> , 2020, 138, 715-727.	0.5	0
15	Structural and physical characteristics of Au <sub>2</sub> O <sub>3</sub> doped sodium antimonate glasses – Part I. <i>Journal of the American Ceramic Society</i> , 2019, 102, 1628-1641.	3.8	23
16	(INVITED) Positron annihilation spectroscopy and third harmonic generation studies on MnO mixed lead zirconium silicate glass ceramics. <i>Optical Materials: X</i> , 2019, 1, 100024.	0.8	1
17	Free volume estimation in Au and Ag mixed sodium antimonate glass ceramics by means of positron annihilation. <i>Physica B: Condensed Matter</i> , 2019, 570, 266-273.	2.7	9
18	Structural and physical properties of MnO mixed lead zirconium silicate glass ceramics: Dielectric relaxation spectra and conduction phenomena. <i>Journal of Non-Crystalline Solids</i> , 2019, 521, 119529.	3.1	5

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19	Structural and dielectric features of silver doped sodium antimonate glass ceramics. Journal of Alloys and Compounds, 2019, 791, 278-295.	5.5	16
20	Impact of Multilayered Graphene Nanoplatelets on 3D-molecular Network of an Epoxy Resin. , 2019, , .		3
21	Confinement-induced polymorphism in acetylsalicylic acidâ€“nanoporous glass composites. Journal of Materials Science, 2019, 54, 404-413.	3.7	1
22	Structural and physical characteristics of Au <sub>2</sub> O <sub>3</sub> -doped sodium antimonate glasses â€“ Part II electrical characteristics. Journal of the American Ceramic Society, 2019, 102, 1921-1941.	3.8	16
23	Influence of cobalt ions on dielectric features and a.c. conductivity of lead bismuth silicate glasses. Physica B: Condensed Matter, 2019, 566, 136-145.	2.7	7
24	Non-parametric application of Tsallis statistics to systems consisting of $M$ hydrogen molecules. Physica A: Statistical Mechanics and Its Applications, 2019, 518, 1-12.	2.6	2
25	Properties of the Superconducting State in Hexagonal BaSn <sub>5</sub> . Acta Physica Polonica A, 2019, 135, 280-283.	0.5	0
26	Dielectric features, relaxation dynamics and a.c. conductivity studies on Ag <sup>+</sup> mixed lead arsenate glass ceramics. Journal of Materials Science: Materials in Electronics, 2018, 29, 1153-1172.	2.2	13
27	Filler's impact on structure and physical properties in polyester resinâ€“oxide nanocomposites. Adsorption Science and Technology, 2018, 36, 549-570.	3.2	7
28	Positron annihilation exploration of voids in zinc zirconium borate glass ceramics entrenched with ZnZrO <sub>3</sub> perovskite crystal phases. Journal of the European Ceramic Society, 2018, 38, 2010-2016.	5.7	14
29	Dielectric dispersion, dipolar relaxation and a.c. conduction phenomena of NiO doped lead bismuth silicate glass system. Journal of Non-Crystalline Solids, 2018, 500, 460-467.	3.1	11
30	Investigations on electrical characteristics of (PbO) 30 (CuO) x (As <sub>2</sub> O <sub>3</sub> ) (70-x) glass ceramics. Ceramics International, 2017, 43, 6385-6396.	4.8	8
31	Insulating characteristics of zinc niobium borate glassâ€“ceramics. Journal of the American Ceramic Society, 2017, 100, 4066-4080.	3.8	22
32	Structural phase transition in a perovskite-type NH <sub>3</sub> (CH <sub>2</sub> ) <sub>3</sub> NH <sub>3</sub> CuCl <sub>4</sub> crystal â€“ X-ray and optical studies. Phase Transitions, 2017, 90, 637-643.	1.3	25
33	On the Structural Phase Transition in a Perovskite-Type Diaminopropanetetrachlorocuprate(II) NH <sub>3</sub> (CH <sub>2</sub> ) <sub>3</sub> NH <sub>3</sub> CuCl <sub>4</sub> Crystal. Acta Physica Polonica A, 2017, 131, 304-310.	0.5	12
34	Fumed silica concentration effect on structure and dielectric properties of a styrene-cross-linked unsaturated polyester resin. Journal of Applied Physics, 2012, 112, 094321.	2.5	2
35	Compositional dependences of average positron lifetime in binary Asâ€“S/Se glasses. Physica B: Condensed Matter, 2012, 407, 652-655.	2.7	34
36	Positron Lifetime in Hostaphan. Acta Physica Polonica A, 2006, 110, 615-620.	0.5	1

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37	Positron Annihilation with Electrons of Admixture Atoms in Some Binary Nickel Alloys. Acta Physica Polonica A, 2005, 107, 570-575.	0.5	0
38	A two-detector spectrometer for measurements of Doppler broadened positron annihilation spectra. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 526, 420-431.	1.6	5
39	Studying of Nickel Alloys with 1 at.% of Ge, Zn, In, Zr and Pb by Positron Annihilation Methods. Acta Physica Polonica A, 2001, 99, 329-336.	0.5	4
40	Test Measurements of Modernized Version of Two-Detector Doppler Spectrometer. Acta Physica Polonica A, 1999, 95, 439-447.	0.5	3