Marek Kostrzewa

List of Publications by Year
in descending order

40	321	840776 11	940533 16
papers	citations	h-index	g-index

40	40	40	275
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Compositional dependences of average positron lifetime in binary Asâ€“S/Se glasses. Physica B: Condensed Matter, 2012, 407, 652-655.	2.7	34
2	Structural phase transition in a perovskite-type NH₃(CH₂)₃NH₃CuCl₄crystal â€“ X-ray and optical studies. Phase Transitions, 2017, 90, 637-643.	1.3	25
3	Structural and physical characteristics of Au₂O₃â€doped sodium antimonate glasses â€“ Part I. Journal of the American Ceramic Society, 2019, 102, 1628-1641.	3.8	23
4	Insulating characteristics of zinc niobium borate glassâ€ceramics. Journal of the American Ceramic Society, 2017, 100, 4066-4080.	3.8	22
5	From LaH10 to roomâ€“temperature superconductors. Scientific Reports, 2020, 10, 1592.	3.3	22
6	Structural and dielectric features of silver doped sodium antimonate glass ceramics. Journal of Alloys and Compounds, 2019, 791, 278-295.	5.5	16
7	Structural and physical characteristics of Au₂O₃â€doped sodium antimonate glasses â€“ Part II electrical characteristics. Journal of the American Ceramic Society, 2019, 102, 1921-1941.	3.8	16
8	Positron annihilation exploration of voids in zinc zirconium borate glass ceramics entrenched with ZnZrO3 perovskite crystal phases. Journal of the European Ceramic Society, 2018, 38, 2010-2016.	5.7	14
9	Dielectric features, relaxation dynamics and a.c. conductivity studies on Ag+ mixed lead arsenate glass ceramics. Journal of Materials Science: Materials in Electronics, 2018, 29, 1153-1172.	2.2	13
10	On the Structural Phase Transition in a Perovskite-Type Diaminopropanetetrachlorocuprate(II) NH₃(CH₂)₃NH₃CuCl₄ Crystal. Acta Physica Polonica A, 2017, 131, 304-310.	0.5	12
11	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
12	Free volume estimation in Au and Ag mixed sodium antimonate glass ceramics by means of positron annihilation. Physica B: Condensed Matter, 2019, 570, 266-273.	2.7	9
13	Polaronic conduction and dielectric relaxation dynamics in V2O5 added lead bismuth silicate glass system. Journal of Non-Crystalline Solids, 2020, 528, 119746.	3.1	9
14	The role of gold metallic particles on improving green and NIR emissions of Ho3+ ions in non-conventional SeO2 based glass ceramics. Journal of Non-Crystalline Solids, 2022, 576, 121240.	3.1	9
15	Investigations on electrical characteristics of (PbO) 30 (CuO) x (As 2 O 3) (70-x) glass ceramics. Ceramics International, 2017, 43, 6385-6396.	4.8	8
16	Filler's impact on structure and physical properties in polyester resinâ€“oxide nanocomposites. Adsorption Science and Technology, 2018, 36, 549-570.	3.2	7
17	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
18	Estimation of concentration of nano-sized voids ingrained in CuO doped lithium sulphophosphate amorphous system using positron annihilation spectroscopy. Optical Materials, 2020, 109, 110314.	3.6	6

#	Article	IF	Citations
19	Emission features of Er3+ ions in an exotic SeO2 based glass system. Journal of Non-Crystalline Solids, 2021, 556, 120558.	3.1	6
20	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
21	Structural and physical properties of MnO mixed lead zirconium silicate glass ceramics: Dielectric relaxation spectra and conduction phenomena. Journal of Non-Crystalline Solids, 2019, 521, 119529.	3.1	5
22	Correlation studies between physical properties and concentration of voids entrenched in V2O5 mixed lead bismuth silicate glass system by means of positron annihilation spectroscopy. Vacuum, 2020, 173, 109171.	3.5	5
23	Studies on near infrared emission of Yb3+ ions in a SeO2 based glass system. Physica B: Condensed Matter, 2021, 606, 412827.	2.7	5
24	Influence of nickel ion concentration on the free volume defects entrenched in an alkali sulphophosphate glass system by means of positron annihilation characterization technique. Journal of Non-Crystalline Solids, 2020, 547, 120315.	3.1	4
25	Exploration of nano sized defects in Fe2O3 doped lead zirconium silicate glass ceramics by using positron annihilation lifetime spectroscopy. Ceramics International, 2021, 47, 21785-21790.	4.8	4
26	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
27	Impact of Multilayered Graphene Nanoplatelets on 3D-molecular Network of an Epoxy Resin. , 2019, , .		3
28	Nd 3+ â€Doped Lead Boro Selenate Glass: A New Efficient System for Nearâ€Infrared 1.06â€‰Î¼m Laser Emission. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 2000602.	1.8	3
29	Dielectric Relaxation Dynamics and Polaronic Tunneling Conduction Mechanism of Electrical Conductivity of Fe₂O₃â€Doped PbOâ€“ZrO₂â€“SiO₂ Glass Ceramics. Physica Status Solidi (A) Applications and Materials Science, 2021, 218, 2100071.	1.8	3
30	Test Measurements of Modernized Version of Two-Detector Doppler Spectrometer. Acta Physica Polonica A, 1999, 95, 439-447.	0.5	3
31	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
32	Non-parametric application of Tsallis statistics to systems consisting of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e1133" altimg="si259.gif"><mml:mi>M</mml:mi></mml:math> hydrogen molecules. Physica A: Statistical Mechanics and Its Applications, 2019, 518, 1-12.	2.6	2
33	(INVITED) Positron annihilation spectroscopy and third harmonic generation studies on MnO mixed lead zirconium silicate glass ceramics. Optical Materials: X, 2019, 1, 100024.	0.8	1
34	Confinement-induced polymorphism in acetylsalicylic acidâ€“nanoporous glass composites. Journal of Materials Science, 2019, 54, 404-413.	3.7	1
35	Positron Lifetime in Hostaphan. Acta Physica Polonica A, 2006, 110, 615-620.	0.5	1
36	Epoxy Molecular Structure Alteration in Graphene-Epoxy Nanocomposites: Loading Effects. Springer Proceedings in Physics, 2021, , 459-483.	0.2	1

#	Article	IF	Citations
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	Properties of the Superconducting State in Hexagonal BaSn₅. Acta Physica Polonica A, 2019, 135, 280-283.	0.5	0
39	Phonon-Induced Superconducting State: From Metallic Hydrogen to LaH10. Acta Physica Polonica A, 2020, 138, 715-727.	0.5	0
40	Dielectric dispersion impedance spectroscopy and polaron tunneling phenomenon in Au2O3 mixed PbO-B2O3-SeO2:Er2O3 glass ceramics. Journal of Alloys and Compounds, 2022, 904, 164069.	5.5	0