H Doweidar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9395771/publications.pdf

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28	732	567281 15	526287 27
papers	citations	h-index	g-index

28	28	28	543
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Physical and optical properties of NaFâ€“TeO2 glasses and glassâ€“ceramics. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	8
2	Transformation of Li4P4O12 rings into LiPO3 chains by CoO or CuO doping: Crystallization-induced reduction of photoluminescent Cu+ to plasmonic CuÂ° glass-ceramics. Ceramics International, 2021, 47, 12695-12705.	4.8	18
3	Role of Al2O3 in Al2O3â€“Bi2O3â€“P2O5 glasses. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	9
4	PbF2â€“TeO2 glasses and glassâ€“ceramics: a study of physical and optical properties. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	1
5	Tailoring the structure and properties of iron oxide nanoparticles through the oxygen species of borate glass matrix. Journal of Non-Crystalline Solids, 2020, 545, 120241.	3.1	22
6	Structure and some properties of xBaOâ˜™(50-x)PbOâ˜™50P2O5 glasses. Journal of Non-Crystalline Solids, 2020, 534, 119945.	3.1	24
7	Structure of NaFâ€“TeO2 glasses and glass-ceramics. Ceramics International, 2020, 46, 18551-18561.	4.8	20
8	Characterization of crystalline borates prepared from solution and derived glasses. Journal of Non-Crystalline Solids, 2019, 518, 103-112.	3.1	5
9	Structural investigation and properties of Sb 2 O 3 â€“PbOâ€“B 2 O 3 glasses. Journal of Non-Crystalline Solids, 2018, 497, 93-101.	3.1	29
10	Characterization of Some Bioactive Glasses and Glass-ceramics Prepared by a Hydrothermal Method. Silicon, 2018, 10, 395-402.	3.3	3
11	Structural considerations on Al 2 O 3 â€“SiO 2 and derived glasses. Journal of Non-Crystalline Solids, 2018, 479, 90-96.	3.1	9
12	Structural units distribution, phase separation and properties of PbOâ€“TiO 2 â€“B 2 O 3 glasses. Journal of Non-Crystalline Solids, 2017, 466-467, 37-44.	3.1	26
13	Characterization of New Categories of Bioactive Based Tellurite and Silicate Glasses. Silicon, 2017, 9, 503-509.	3.3	9
14	Structural study of density and refractive index of Sb2O3â€“B2O3 glasses. Journal of Non-Crystalline Solids, 2015, 429, 112-117.	3.1	15
15	Insights into the structure of Bi2O3â€“B2O3 glasses as predicted from density correlations. Journal of Non-Crystalline Solids, 2014, 404, 49-54.	3.1	16
16	Structural correlations in BaOâ€“PbOâ€“B2O3 glasses as inferred from FTIR spectra. Vibrational Spectroscopy, 2014, 73, 90-96.	2.2	32
17	Mixed modifier glasses: a new view as mixed matrices. Journal of Materials Science, 2013, 48, 7736-7742.	3.7	11
18	Structure and properties of CaF2â€“B2O3 glasses. Journal of Materials Science, 2012, 47, 4028-4035.	3.7	61

#	Article	IF	Citations
19	Structure-properties changes in ZnO-PbO-GeO2 glasses. European Physical Journal B, 2011, 83, 133-141.	1.5	20
20	Optical properties and structure of R2Oâ€“Ga2O3â€“SiO2 and ROâ€“Ga2O3â€“SiO2 glasses. Journal of Materials Science, 2009, 44, 2899-2906.	3.7	4
21	Density of mixed alkali borate glasses: A structural analysis. Physica B: Condensed Matter, 2005, 362, 123-132.	2.7	51
22	Infrared spectra of Fe2O3â€“PbOâ€“P2O5 glasses. Vibrational Spectroscopy, 2005, 37, 91-96.	2.2	122
23	Mixed alkali effect in polaronic conducting iron borate glasses. Journal of Materials Science, 2004, 39, 4325-4329.	3.7	6
24	Structure and some physical properties of PbOâ€“P2O5 glasses. Physica B: Condensed Matter, 2003, 339, 237-245.	2.7	121
25	Density-structure predictions of silicate glasses containing Ga2O3. Journal of Materials Science, 2002, 37, 4703-4709.	3.7	5
26	The density of alkali silicate glasses in relation to the microstructure. Journal of Non-Crystalline Solids, 1996, 194, 155-162.	3.1	54
27	Structure-transport relationships in lead borate glasses containing V2O5. Solid State Ionics, 1991, 46, 275-281.	2.7	21
28	The formation of BO 4 â˜’ tetrahedra and nonbridging oxygen ions in borosilicate glasses with low silica content. Journal of Materials Science, 1990, 25, 1497-1502.	3.7	10