Petr Mosner

List of Publications by Year in descending order

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29 papers	443 citations	687363 13 h-index	752698 20 g-index
29 all docs	29 docs citations	29 times ranked	429 citing authors

#	Article	IF	Citations
1	Sodium-Ion Conductivity and Humidity-Sensing Properties of Na2O-MoO3-P2O5 Glass-Ceramics. Nanomaterials, 2022, 12, 240.	4.1	5
2	Sodium Ion Conductivity in Mixed Former Na₂Oâ€“P₂O₅â€“GeO₂ and Na₂Oâ€“B₂O₃â€“P₂O₅â€“GeO₂ Glasses. Journal of Physical Chemistry C, 2021, 125, 10593-10604.	3.1	5
3	High Electronically Conductive Tungsten Phosphate Glass-Ceramics. Nanomaterials, 2020, 10, 2515.	4.1	7
4	Glass-forming ability and the structure of glasses in the BaO-WO3-P2O5 system. Journal of Non-Crystalline Solids, 2020, 541, 120145.	3.1	15
5	Ionic Conductivity of Lithium Germanium Phosphate Glass-Ceramics. Journal of Physical Chemistry C, 2019, 123, 23312-23322.	3.1	18
6	Thermoanalytical study and crystallization of Ba(PO3)2â€“WO3 glasses. Journal of Thermal Analysis and Calorimetry, 2019, 137, 1911-1918.	3.6	6
7	Physical properties and structural studies of lithium borophosphate glasses containing TeO2. Journal of Solid State Chemistry, 2019, 270, 547-552.	2.9	9
8	Thermal properties and crystallization of MgOâ€“FeOxâ€“P2O5 glasses. Journal of Thermal Analysis and Calorimetry, 2018, 132, 843-850.	3.6	3
9	Novel insights into electrical transport mechanism in ionicâ€polaronic glasses. Journal of the American Ceramic Society, 2018, 101, 1221-1235.	3.8	26
10	Thermal properties and crystallization of BaOâ€“MoO3â€“P2O5 glasses. Journal of Thermal Analysis and Calorimetry, 2018, 131, 2303-2310.	3.6	8
11	Sodium phosphate glasses modified by MoO3 and WO3. Journal of Commonwealth Law and Legal Education, 2018, 59, 213-220.	0.5	6
12	Insights from Local Network Structures and Localized Diffusion on the Ease of Lithium Ion Transport in Two Mixed Glass-Former Systems. Journal of Physical Chemistry C, 2017, 121, 17641-17657.	3.1	18
13	Lithium-Ion Mobility in Quaternary Boroâ€“Germanoâ€“Phosphate Glasses. Journal of Physical Chemistry B, 2016, 120, 3978-3987.	2.6	21
14	Thermal behavior and the properties of BaOâ€“B2O3â€“P2O5 glasses. Journal of Thermal Analysis and Calorimetry, 2016, 124, 1161-1168.	3.6	5
15	Behavior of indium oxide in zinc phosphate and borophosphate glasses. Journal of Materials Science, 2014, 49, 6967-6974.	3.7	9
16	Structural relaxation of PbOâ€“WO3â€“P2O5 glasses. Journal of Thermal Analysis and Calorimetry, 2013, 114, 947-954.	3.6	4
17	Application of heating microscopy to the study of thermal behaviour of ZnOâ€“P2O5â€“WO3 glasses. Journal of Thermal Analysis and Calorimetry, 2013, 112, 659-664.	3.6	5
18	Effect of germanium oxide on the structure and properties of lithium borophosphate glasses. Journal of Non-Crystalline Solids, 2013, 375, 1-6.	3.1	18

#	Article	IF	Citations
19	Structural studies of boron and tellurium coordination in zinc borophosphate glasses by 11B MAS NMR and Raman spectroscopy. Journal of Physics and Chemistry of Solids, 2012, 73, 324-329.	4.0	20
20	Thermal studies of ZnOâ€“B2O3â€“P2O5â€“TeO2 glasses. Journal of Thermal Analysis and Calorimetry, 2012, 107, 1129-1135.	3.6	39
21	Structure and properties of glasses in ZnOâ€“P2O5â€“TeO2 system. Journal of Non-Crystalline Solids, 2011, 357, 2648-2652.	3.1	35
22	Thermal properties and crystallization of PbOâ€“MoO3â€“P2O5 glasses. Journal of Materials Science, 2011, 46, 6751-6757.	3.7	6
23	Thermal properties and stability of TeO2 containing phosphate glasses. Thermochimica Acta, 2011, 522, 155-160.	2.7	16
24	Structure and properties of ZnOâ€“B2O3â€“P2O5â€“TeO2 glasses. Materials Chemistry and Physics, 2010, 124, 732-737.	4.0	38
25	Thermal properties and stability of lithium titanophosphate glasses. Journal of Thermal Analysis and Calorimetry, 2009, 95, 53-58.	3.6	7
26	Thermal behaviour and properties of Na2O-TiO2-P2O5 glasses. Journal of Thermal Analysis and Calorimetry, 2009, 96, 469-474.	3.6	10
27	Structure and properties of potassium niobato-borophosphate glasses. Journal of Non-Crystalline Solids, 2008, 354, 129-133.	3.1	26
28	Study of structure and properties of ZnOâ€“Bi2O3â€“P2O5 glasses. Journal of Materials Science, 2007, 42, 8592-8598.	3.7	35
29	Anticorrosion properties of SrOâ€“ZnOâ€“B2O3â€“P2O5 pigments. Dyes and Pigments, 2000, 45, 29-34.	3.7	23