

Petr Mosner

List of Publications by Year in descending order

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papers

443
citations

687363

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times ranked

429
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal studies of ZnOâ€“B ₂ O ₃ â€“P ₂ O ₅ â€“TeO ₂ glasses. Journal of Thermal Analysis and Calorimetry, 2012, 107, 1129-1135.	3.6	39
2	Structure and properties of ZnOâ€“B ₂ O ₃ â€“P ₂ O ₅ â€“TeO ₂ glasses. Materials Chemistry and Physics, 2010, 124, 732-737.	4.0	38
3	Study of structure and properties of ZnOâ€“Bi ₂ O ₃ â€“P ₂ O ₅ glasses. Journal of Materials Science, 2007, 42, 8592-8598.	3.7	35
4	Structure and properties of glasses in ZnOâ€“P ₂ O ₅ â€“TeO ₂ system. Journal of Non-Crystalline Solids, 2011, 357, 2648-2652.	3.1	35
5	Structure and properties of potassium niobato-borophosphate glasses. Journal of Non-Crystalline Solids, 2008, 354, 129-133.	3.1	26
6	Novel insights into electrical transport mechanism in ionicâ€“polaronic glasses. Journal of the American Ceramic Society, 2018, 101, 1221-1235.	3.8	26
7	Anticorrosion properties of SrOâ€“ZnOâ€“B ₂ O ₃ â€“P ₂ O ₅ pigments. Dyes and Pigments, 2000, 45, 29-34.	3.7	23
8	Lithium-Ion Mobility in Quaternary Boroâ€“Germanoâ€“Phosphate Glasses. Journal of Physical Chemistry B, 2016, 120, 3978-3987.	2.6	21
9	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
10	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
11	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
12	Ionic Conductivity of Lithium Germanium Phosphate Glass-Ceramics. Journal of Physical Chemistry C, 2019, 123, 23312-23322.	3.1	18
13	Thermal properties and stability of TeO ₂ containing phosphate glasses. Thermochimica Acta, 2011, 522, 155-160.	2.7	16
14	Glass-forming ability and the structure of glasses in the BaO-WO ₃ -P ₂ O ₅ system. Journal of Non-Crystalline Solids, 2020, 541, 120145.	3.1	15
15	Thermal behaviour and properties of Na ₂ O-TiO ₂ -P ₂ O ₅ glasses. Journal of Thermal Analysis and Calorimetry, 2009, 96, 469-474.	3.6	10
16	Behavior of indium oxide in zinc phosphate and borophosphate glasses. Journal of Materials Science, 2014, 49, 6967-6974.	3.7	9
17	Physical properties and structural studies of lithium borophosphate glasses containing TeO ₂ . Journal of Solid State Chemistry, 2019, 270, 547-552.	2.9	9
18	Thermal properties and crystallization of BaOâ€“MoO ₃ â€“P ₂ O ₅ glasses. Journal of Thermal Analysis and Calorimetry, 2018, 131, 2303-2310.	3.6	8

#	ARTICLE	IF	CITATIONS
19	Thermal properties and stability of lithium titanophosphate glasses. Journal of Thermal Analysis and Calorimetry, 2009, 95, 53-58.	3.6	7
20	High Electronically Conductive Tungsten Phosphate Glass-Ceramics. Nanomaterials, 2020, 10, 2515.	4.1	7
21	Thermal properties and crystallization of PbO ² MoO ₃ P ₂ O ₅ glasses. Journal of Materials Science, 2011, 46, 6751-6757.	3.7	6
22	Sodium phosphate glasses modified by MoO ₃ and WO ₃ . Journal of Commonwealth Law and Legal Education, 2018, 59, 213-220.	0.5	6
23	Thermoanalytical study and crystallization of Ba(PO ₃) ₂ WO ₃ glasses. Journal of Thermal Analysis and Calorimetry, 2019, 137, 1911-1918.	3.6	6
24	Application of heating microscopy to the study of thermal behaviour of ZnO ² P ₂ O ₅ WO ₃ glasses. Journal of Thermal Analysis and Calorimetry, 2013, 112, 659-664.	3.6	5
25	Thermal behavior and the properties of BaO ² B ₂ O ₃ P ₂ O ₅ glasses. Journal of Thermal Analysis and Calorimetry, 2016, 124, 1161-1168.	3.6	5
26	Sodium Ion Conductivity in Mixed Former Na ₂ O ² P ₂ O ₅ GeO ₂ and Na ₂ O ² B ₂ O ₃ P ₂ O ₅ GeO ₂ Glasses. Journal of Physical Chemistry C, 2021, 125, 10593-10604.	3.1	5
27	Sodium-Ion Conductivity and Humidity-Sensing Properties of Na ₂ O-MoO ₃ -P ₂ O ₅ Glass-Ceramics. Nanomaterials, 2022, 12, 240.	4.1	5
28	Structural relaxation of PbO ² WO ₃ P ₂ O ₅ glasses. Journal of Thermal Analysis and Calorimetry, 2013, 114, 947-954.	3.6	4
29	Thermal properties and crystallization of MgO ² FeO ² P ₂ O ₅ glasses. Journal of Thermal Analysis and Calorimetry, 2018, 132, 843-850.	3.6	3