Mitang Wang

List of Publications by Year
in descending order

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Version: 2024-02-01

		759233	752698
24	421	12	20
papers	citations	h-index	g-index

24	24	24	346
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Raman spectra of sodaâ€“limeâ€“silicate glass doped with rare earth. Physica B: Condensed Matter, 2011, 406, 3865-3869.	2.7	89
2	Glass transition and crystallization of ZnO-B2O3-SiO2 glass doped with Y2O3. Ceramics International, 2019, 45, 4351-4359.	4.8	36
3	Properties and mechanism of high-magnesium nickel slag-fly ash based geopolymer activated by phosphoric acid. Construction and Building Materials, 2022, 345, 128256.	7.2	33
4	Effect of rare earths on viscosity and thermal expansion of soda-lime-silicate glass. Journal of Rare Earths, 2010, 28, 308-311.	4.8	31
5	The effect of light rare earths on the chemical durability and weathering of Na2Oâ€“CaOâ€“SiO2 glasses. Journal of Nuclear Materials, 2010, 400, 107-111.	2.7	28
6	Structure and viscosity of soda lime silicate glasses with varying Gd2O3 content. Journal of Molecular Structure, 2014, 1063, 139-144.	3.6	25
7	Viscosity and thermal expansion of soda-lime-silica glass doped with Gd2O3 and Y2O3. Solid State Sciences, 2012, 14, 1233-1237.	3.2	24
8	Crystallization behavior and IR structure of yttrium aluminosilicate glasses. Journal of the European Ceramic Society, 2020, 40, 463-471.	5.7	21
9	Free volume and structure of Gd2O3 and Y2O3 co-doped silicate glasses. Journal of Non-Crystalline Solids, 2013, 379, 145-149.	3.1	19
10	Self-supported cobaltâ€“nickel bimetallic telluride as an advanced catalyst for the oxygen evolution reaction. Inorganic Chemistry Frontiers, 2021, 8, 4247-4256.	6.0	19
11	The effect of mixed alkali on structural changes and ionic migration characteristics in zinc borate glasses. Materials Chemistry and Physics, 2018, 217, 519-526.	4.0	18
12	The role of Gd2O3 and Y2O3 in corrosion of soda lime silicate glass. Journal of Nuclear Materials, 2013, 433, 287-296.	2.7	12
13	Dependence of Gd2O3 containing silicate glass workability and fragility on structure. Materials Chemistry and Physics, 2016, 179, 304-309.	4.0	11
14	Structure, morphology and photocatalytic performance of europium-doped bismuth vanadate. Inorganic Chemistry Frontiers, 2022, 9, 977-986.	6.0	11
15	Crystallization, thermal expansion and hardness of Y2O3â€“Al2O3â€“SiO2 glasses. Ceramics International, 2021, 47, 25059-25066.	4.8	10
16	Phase separation and crystallization of La2O3 doped ZnO-B2O3-SiO2 glass. Journal of Rare Earths, 2019, 37, 767-772.	4.8	9
17	The effect of mixed La-Y doping on water resistance of phosphate glass. Journal of Non-Crystalline Solids, 2020, 527, 119727.	3.1	6
18	The effect of Sm2O3 on the chemical stability of borosilicate glass and glass ceramics. Journal Wuhan University of Technology, Materials Science Edition, 2014, 29, 692-697.	1.0	5

#	Article	IF	Citations
19	Effects of neodymium and gadolinium on weathering resistance of ZnO-B2O3-SiO2 glass. Journal of Rare Earths, 2014, 32, 874-878.	4.8	4
20	Photocatalytic performance of metalâ€“organic framework material MIL-100(Fe) enhanced by rare earth upconversion material Î²-NaYF4: 90%Yb,1%Tm. Applied Physics A: Materials Science and Processing, 2022, 128, .	2.3	4
21	Tailoring effect of Y2O3 on water resistance of Na2Oâ€“ZnOâ€“Al2O3â€“B2O3 glasses. Journal of Rare Earths, 2022, 40, 1316-1322.	4.8	3
22	Removal of Fluorine from RECl3 in Solution by Adsorption, Ion Exchange and Precipitation. Minerals (Basel, Switzerland), 2022, 12, 31.	2.0	2
23	Investigation on phase evolution of the ZnO-B2O3-SiO2 glass ceramics. Journal Wuhan University of Technology, Materials Science Edition, 2016, 31, 830-834.	1.0	1
24	Corrosion of soda lime silicate glasses co-doped with Gd2O3 and Y2O3. Journal of Nuclear Materials, 2014, 444, 247-251.	2.7	0