

Jianjun Han

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Synthesis of CuInS ₂ quantum dots on TiO ₂ porous films by solvothermal method for absorption layer of solar cells. <i>Progress in Organic Coatings</i> , 2009, 64, 268-273.	3.9	57
2	Quantum Dots in Glasses: Size-Dependent Stokes Shift by Lead Chalcogenide. <i>International Journal of Applied Glass Science</i> , 2015, 6, 339-344.	2.0	34
3	Effect of ZrO ₂ crystallization on ion exchange properties in aluminosilicate glass. <i>Journal of the European Ceramic Society</i> , 2020, 40, 2179-2184.	5.7	33
4	Microstructure and ion-exchange properties of glass-ceramics containing ZnAl ₂ O ₄ and β -quartz solid solution nanocrystals. <i>Journal of the European Ceramic Society</i> , 2021, 41, 5331-5340.	5.7	20
5	Effect of ZnAl ₂ O ₄ crystallization on ion-exchange properties in aluminosilicate glass. <i>Journal of Alloys and Compounds</i> , 2021, 851, 156891.	5.5	17
6	Near-infrared anti-Stokes photoluminescence of PbS QDs embedded in glasses. <i>Optics Express</i> , 2017, 25, 6874.	3.4	15
7	Structure and properties of non-alkali aluminoborosilicate glass containing RE (RE ³⁺ =La, Ce, Nd, Dy, Y). <i>J. Non-Cryst. Solids</i> , 2019, 614, 1147-1154.	3.1	14
8	Excitation-wavelength- and size-dependent photo-darkening and photo-brightening of photoluminescence from PbS quantum dots in glasses. <i>Optical Materials Express</i> , 2019, 9, 504.	3.0	13
9	Correlation between viscosity, electrical resistivity and network connectivity of alkali-free boroaluminosilicate glasses. <i>Journal of Non-Crystalline Solids</i> , 2019, 509, 88-94.	3.1	13
10	Multi-band near-infrared emission in low concentration bismuth doped alkaline earth alumino-boro-germanate glass. <i>Ceramics International</i> , 2020, 46, 15544-15553.	4.8	12
11	Three-Dimensional Glass Furnace Model of Combustion Space and Glass Tank with Electric Boosting. <i>Materials Transactions</i> , 2019, 60, 1034-1043.	1.2	10
12	Simulation of glass furnace with increased production by increasing fuel supply and introducing electric boosting. <i>International Journal of Applied Glass Science</i> , 2020, 11, 170-184.	2.0	10
13	Growth kinetics and optical properties of PbSe quantum dots in dual-phase lithium-aluminum-silicate glass ceramic. <i>Journal of the European Ceramic Society</i> , 2020, 40, 4122-4128.	5.7	10
14	Low-temperature synthesis of Bi ₄ Ti ₃ O ₁₂ nanocrystals by hydrothermal method. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 7453-7457.	2.2	9
15	Structural and spectroscopic properties of Yb ³⁺ -doped zinc aluminate nanocrystals in silicate glass-ceramics. <i>Journal of Non-Crystalline Solids</i> , 2017, 457, 93-96.	3.1	8
16	Enhanced ~1.8 μ m photoluminescence under blue light excitation in Tm Bi co-doped germanate glass and its temperature dependence. <i>Journal of Non-Crystalline Solids</i> , 2019, 525, 119645.	3.1	8
17	Coordination cross-linking gadolinium salt/acrylonitrile-butadiene rubber composite: Its preparation, characterization, and functional properties. <i>Polymer Composites</i> , 2013, 34, 1013-1019.	4.6	6
18	Large-sized La ₂ O ₃ -TiO ₂ high refractive glasses with low SiO ₂ fraction by hot-press sintering. <i>International Journal of Applied Glass Science</i> , 2019, 10, 371-377.	2.0	6

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19	Photodarkening and anti-Stokes photoluminescence from PbSe and Sr ²⁺ -doped PbSe quantum dots in silicate glasses. <i>Journal of the American Ceramic Society</i> , 2019, 102, 3368-3377.	3.8	5
20	Effects of alkali oxides and ion-exchange on the structure of zinc-alumino-silicate glasses and glass-ceramics. <i>Journal of the European Ceramic Society</i> , 2022, 42, 576-588.	5.7	5
21	Growth of lead selenide quantum dots in silicate glasses. <i>Journal of Non-Crystalline Solids</i> , 2017, 475, 44-47.	3.1	4
22	Effect of heat treatment on 7Na ₂ O-23B ₂ O ₃ -70SiO ₂ glass. <i>Ceramics International</i> , 2011, 37, 1769-1773.	4.8	3
23	Influence of spout lip set-height on flow behavior during the glass float process. <i>Journal of Non-Crystalline Solids</i> , 2017, 472, 46-54.	3.1	3
24	Precipitation of rare-earth ions doped pyrochlore nanocrystals in glasses. <i>Journal of Non-Crystalline Solids</i> , 2020, 545, 120210.	3.1	3
25	Crystallization Behavior and Kinetics of Lithium Aluminosilicate Glasses with Various Li ₂ O Contents. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2021, 36, 243-247.	1.0	2
26	Effect of thermal treatment and acid leaching process on pore characteristics of nanometer porous glass. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2007, 22, 129-131.	1.0	1
27	Effect of pH value on the micro-structures and optical properties of nano-crystalline CuInS ₂ by solvothermal method. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2010, 25, 399-402.	1.0	1
28	Ag/PMMA hollow waveguide for solar energy transmission. <i>Frontiers of Chemical Science and Engineering</i> , 2011, 5, 303-307.	4.4	1
29	High efficiency near infrared emission from Pb _{1-x} Sr _x Se Quantum dots in lithium aluminosilicate glass-ceramics. <i>Journal of Non-Crystalline Solids</i> , 2022, 590, 121692.	3.1	1
30	Structure and emission properties of glass-ceramics containing (Eu,Yb) ₂ TiO ₅ nanocrystals. <i>International Journal of Applied Glass Science</i> , 2019, 10, 514-521.	2.0	0
31	Numerical Modeling of Glass Pouring Process at the Tin Bath Entry with Different Geometry. <i>Materials Transactions</i> , 2019, 60, 2442-2450.	1.2	0
32	Role of precursor concentrations on the formation of ternary Pb _{1-x} Sr _x Se QDs in silicate glasses. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 266, 115066.	3.5	0