

Jianjun Han

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/87444440/publications.pdf>

Version: 2024-02-01

32
papers

324
citations

933447

10
h-index

888059

17
g-index

32
all docs

32
docs citations

32
times ranked

327
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	High efficiency near infrared emission from $Pb_{1-x}Sr_xSe$ Quantum dots in lithium aluminosilicate glass-ceramics. <i>Journal of Non-Crystalline Solids</i> , 2022, 590, 121692.	3.1	1
3	Effect of $ZnAl_2O_4$ crystallization on ion-exchange properties in aluminosilicate glass. <i>Journal of Alloys and Compounds</i> , 2021, 851, 156891.	5.5	17
4	Crystallization Behavior and Kinetics of Lithium Aluminosilicate Glasses with Various Li_2O Contents. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2021, 36, 243-247.	1.0	2
5	Role of precursor concentrations on the formation of ternary $Pb_{1-x}Sr_xSe$ QDs in silicate glasses. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 266, 115066.	3.5	0
6	Microstructure and ion-exchange properties of glass-ceramics containing $ZnAl_2O_4$ and β -quartz solid solution nanocrystals. <i>Journal of the European Ceramic Society</i> , 2021, 41, 5331-5340.	5.7	20
7	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
8	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
9	Precipitation of rare-earth ions doped pyrochlore nanocrystals in glasses. <i>Journal of Non-Crystalline Solids</i> , 2020, 545, 120210.	3.1	3
10	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
11	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
12	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
13	Enhanced $\sim 1.8 \mu m$ 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
14	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
15	Structure and emission properties of glass-ceramics containing $(Eu, Yb)_2TiO_5$ nanocrystals. <i>International Journal of Applied Glass Science</i> , 2019, 10, 514-521.	2.0	0
16	Structure and properties of non-alkali aluminoborosilicate glass containing RE ($RE = La, Ce, Nd, Dy, Y$). <i>TJ ETQ</i> 0.0 0 rgBT /Overlock	3.1	14
17	Large-sized $La_{2O_3} \cdot TiO_2$ 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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
23	Growth of lead selenide quantum dots in silicate glasses. <i>Journal of Non-Crystalline Solids</i> , 2017, 475, 44-47.	3.1	4
24	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
25	Near-infrared anti-Stokes photoluminescence of PbS QDs embedded in glasses. <i>Optics Express</i> , 2017, 25, 6874.	3.4	15
26	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
27	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
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	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
30	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
31	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
32	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