

Zaijin Fang

List of Publications by Year in descending order

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16
papers

325
citations

1040056

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1058476

14
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all docs

16
docs citations

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times ranked

398
citing authors

#	ARTICLE	IF	CITATIONS
1	Nano-Crystallization of Ln-Fluoride Crystals in Glass-Ceramics via Inducing of Yb ³⁺ for Efficient Near-Infrared Upconversion Luminescence of Tm ³⁺ . <i>Nanomaterials</i> , 2021, 11, 1033.	4.1	2
2	Efficient white upconversion luminescence in Yb ³⁺ /Eu ³⁺ doubly-doped transparent glass ceramic. <i>Optics Express</i> , 2021, 29, 21763.	3.4	6
3	Emerging and perspectives in microlasers based on rare-earth ions activated micro-/nanomaterials. <i>Progress in Materials Science</i> , 2021, 121, 100814.	32.8	18
4	Controllable modulation of coordination environments of Mn ²⁺ in glasses and glass-ceramics for tunable luminescence. <i>Journal of the European Ceramic Society</i> , 2020, 40, 1658-1664.	5.7	10
5	Modulation of activator distribution by phase-separation of glass for efficient and tunable upconversion luminescence. <i>RSC Advances</i> , 2020, 10, 12217-12223.	3.6	6
6	High-efficiency luminescence in optical glass via the controllable crystallization of KYb ₃ F ₁₀ nanocrystals depending on the dopants. <i>Optics Letters</i> , 2020, 45, 3030.	3.3	6
7	Phase-Separation Engineering of Glass for Drastic Enhancement of Upconversion Luminescence. <i>Advanced Optical Materials</i> , 2019, 7, 1801572.	7.3	30
8	Engineering Tunable Broadband Near-Infrared Emission in Transparent Rare-Earth Doped Nanocrystals-in-Glass Composites via a Bottom-Up Strategy. <i>Advanced Optical Materials</i> , 2019, 7, 1801482.	7.3	46
9	Novel Er ³⁺ /Ho ³⁺ -codoped glass-ceramic fibers for broadband tunable mid-infrared fiber lasers. <i>Journal of the American Ceramic Society</i> , 2018, 101, 3956-3967.	3.8	27
10	Tailorable Upconversion White Light Emission from Pr ³⁺ Single-Doped Glass Ceramics via Simultaneous Dual-Lasers Excitation. <i>Advanced Optical Materials</i> , 2018, 6, 1700787.	7.3	51
11	Topological Engineering of Glass Structures: Topological Engineering of Photoluminescence Properties of Bismuth- or Erbium-Doped Phosphosilicate Glass of Arbitrary P ₂ O ₅ to SiO ₂ Ratio (<i>Advanced Optical Materials</i> 13/2018). <i>Advanced Optical Materials</i> , 2018, 6, 1870051.	7.3	0
12	Topological Engineering of Photoluminescence Properties of Bismuth- or Erbium-Doped Phosphosilicate Glass of Arbitrary P ₂ O ₅ to SiO ₂ Ratio. <i>Advanced Optical Materials</i> , 2018, 6, 1800024.	7.3	19
13	Selective doping of Ni ²⁺ in highly transparent glass-ceramics containing nano-spinels ZnGa ₂ O ₄ and Zn _{1+x} Ga _{2-2x} Ge _x O ₄ for broadband near-infrared fiber amplifiers. <i>Scientific Reports</i> , 2017, 7, 1783.	3.3	50
14	Glass-ceramic optical fiber containing Ba ₂ TiSi ₂ O ₈ nanocrystals for frequency conversion of lasers. <i>Scientific Reports</i> , 2017, 7, 44456.	3.3	28
15	Bane to boon: intrinsic defect sensitized photoluminescence from Mn ²⁺ or rare-earth ion doped fluorosilicate photonic glasses. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11806-11814.	5.5	21
16	<i>in situ</i> dopant-induced nano-crystallization of rare-earth-fluoride crystals in phase-separated networks for highly-efficient photoemission and photonic devices. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11806-11814.	5.5	5