Xiongjiang Huang

List of Publications by Year
in descending order

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Version: 2024-02-01

20	936	567281	752698
papers	citations	15	20
		h-index	g-index

20	20	20	923
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Large reversible upconversion luminescence modification and 3D optical information storage in femtosecond laser irradiation-subjected photochromic glass. Science China Materials, 2022, 65, 1586-1593.	6.3	17
2	Coupling Localized Laser Writing and Nonlocal Recrystallization in Perovskite Crystals for Reversible Multidimensional Optical Encryption. Advanced Materials, 2022, 34, e2201413.	21.0	27
3	Highly thermostable fluoride nanocrystal-in-glass composites (NGCs) for mid-infrared emission. Journal of Materials Chemistry C, 2022, 10, 9882-9890.	5.5	3
4	Enhanced CW Lasing and Qâ€Switched Pulse Generation Enabled by Tm 3+ â€Doped Glass Ceramic Fibers. Advanced Optical Materials, 2021, 9, 2001774.	7.3	16
5	Reversible 3D optical data storage and information encryption in photo-modulated transparent glass medium. Light: Science and Applications, 2021, 10, 140.	16.6	95
6	Reversible 3D laser printing of perovskite quantum dots inside a transparent medium. Nature Photonics, 2020, 14, 82-88.	31.4	326
7	Metal Halide Perovskites Functionalized by Patterning Technologies. Advanced Materials Technologies, 2020, 5, 2000513.	5.8	30
8	The recovery of perovskites. Science Bulletin, 2020, 65, 1600-1603.	9.0	6
9	Three-Dimensional Laser-Assisted Patterning of Blue-Emissive Metal Halide Perovskite Nanocrystals inside a Glass with Switchable Photoluminescence. ACS Nano, 2020, 14, 3150-3158.	14.6	102
10	Emission Color Manipulation in Transparent Nanocrystalsâ€inâ€Glass Composites Fabricated by Solutionâ€Combustion Process. Advanced Optical Materials, 2020, 8, 1901696.	7.3	11
11	Microlaser Output from Rareâ€Earth Ionâ€Doped Nanocrystalâ€inâ€Glass Microcavities. Advanced Optical Materials, 2019, 7, 1900197.	7.3	34
12	Fullâ€Color Chemically Modulated gâ€C₃N₄ for Whiteâ€Lightâ€Emitting Device. Advanced Optical Materials, 2019, 7, 1900775.	7.3	33
13	Anisotropic Excitation Polarization Response from a Single White Lightâ€Emitting Î²â€NaYF₄:Yb³⁺,Pr³⁺ Microcrystal. Small, 2019, 15, e1904298.	10.0	32
14	Surface modification and fabrication of whiteâ€lightâ€emitting Tm³⁺/CdS quantum dots coâ€doped glass fibers. Journal of the American Ceramic Society, 2019, 102, 5818-5827.	3.8	10
15	Energy transfer process and temperatureâ€dependent photoluminescence of PbS quantum dotâ€doped glasses. Journal of the American Ceramic Society, 2019, 102, 3391-3401.	3.8	7
16	Novel Er³⁺/Ho³⁺â€codoped glassâ€ceramic fibers for broadband tunable midâ€infrared fiber lasers. Journal of the American Ceramic Society, 2018, 101, 3956-3967.	3.8	27
17	A novel wide temperature range and multi-mode optical thermometer based on bi-functional nanocrystal-doped glass ceramics. Journal of Materials Chemistry C, 2018, 6, 9932-9940.	5.5	48
18	Precisely controllable fabrication of Er³⁺-doped glass ceramic fibers: novel mid-infrared fiber laser materials. Journal of Materials Chemistry C, 2017, 5, 4549-4556.	5.5	52

#	Article	IF	Citations
19	Controllable fabrication of novel all solid-state PbS quantum dot-doped glass fibers with tunable broadband near-infrared emission. Journal of Materials Chemistry C, 2017, 5, 7927-7934.	5.5	33
20	Formation, element-migration and broadband luminescence in quantum dot-doped glass fibers. Optics Express, 2017, 25, 19691.	3.4	27