

Xiongjiang Huang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

936
citations

567281

15
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

923
citing authors

#	ARTICLE	IF	CITATIONS
1	Reversible 3D laser printing of perovskite quantum dots inside a transparent medium. <i>Nature Photonics</i> , 2020, 14, 82-88.	31.4	326
2	Three-Dimensional Laser-Assisted Patterning of Blue-Emissive Metal Halide Perovskite Nanocrystals inside a Glass with Switchable Photoluminescence. <i>ACS Nano</i> , 2020, 14, 3150-3158.	14.6	102
3	Reversible 3D optical data storage and information encryption in photo-modulated transparent glass medium. <i>Light: Science and Applications</i> , 2021, 10, 140.	16.6	95
4	Precisely controllable fabrication of Er ³⁺ -doped glass ceramic fibers: novel mid-infrared fiber laser materials. <i>Journal of Materials Chemistry C</i> , 2017, 5, 4549-4556.	5.5	52
5	A novel wide temperature range and multi-mode optical thermometer based on bi-functional nanocrystal-doped glass ceramics. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9932-9940.	5.5	48
6	Microlaser Output from Rare-Earth Ion-Doped Nanocrystal-in-Glass Microcavities. <i>Advanced Optical Materials</i> , 2019, 7, 1900197.	7.3	34
7	Controllable fabrication of novel all solid-state PbS quantum dot-doped glass fibers with tunable broadband near-infrared emission. <i>Journal of Materials Chemistry C</i> , 2017, 5, 7927-7934.	5.5	33
8	Full-Color Chemically Modulated g-C ₃ N ₄ for White-Light-Emitting Device. <i>Advanced Optical Materials</i> , 2019, 7, 1900775.	7.3	33
9	Anisotropic Excitation Polarization Response from a Single White Light-Emitting $\text{F}^{2+}\text{NaYF}_4:\text{Yb}^{3+},\text{Pr}^{3+}$ Microcrystal. <i>Small</i> , 2019, 15, e1904298.	10.0	32
10	Metal Halide Perovskites Functionalized by Patterning Technologies. <i>Advanced Materials Technologies</i> , 2020, 5, 2000513.	5.8	30
11	Formation, element-migration and broadband luminescence in quantum dot-doped glass fibers. <i>Optics Express</i> , 2017, 25, 19691.	3.4	27
12	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
13	Coupling Localized Laser Writing and Nonlocal Recrystallization in Perovskite Crystals for Reversible Multidimensional Optical Encryption. <i>Advanced Materials</i> , 2022, 34, e2201413.	21.0	27
14	Large reversible upconversion luminescence modification and 3D optical information storage in femtosecond laser irradiation-subjected photochromic glass. <i>Science China Materials</i> , 2022, 65, 1586-1593.	6.3	17
15	Enhanced CW Lasing and Q-Switched Pulse Generation Enabled by Tm ³⁺ -Doped Glass Ceramic Fibers. <i>Advanced Optical Materials</i> , 2021, 9, 2001774.	7.3	16
16	Emission Color Manipulation in Transparent Nanocrystals-in-Glass Composites Fabricated by Solution-Combustion Process. <i>Advanced Optical Materials</i> , 2020, 8, 1901696.	7.3	11
17	Surface modification and fabrication of white-light-emitting Tm ³⁺ /CdS quantum dots co-doped glass fibers. <i>Journal of the American Ceramic Society</i> , 2019, 102, 5818-5827.	3.8	10
18	Energy transfer process and temperature-dependent photoluminescence of PbS quantum dot-doped glasses. <i>Journal of the American Ceramic Society</i> , 2019, 102, 3391-3401.	3.8	7

#	ARTICLE	IF	CITATIONS
19	The recovery of perovskites. Science Bulletin, 2020, 65, 1600-1603.	9.0	6
20	Highly thermostable fluoride nanocrystal-in-glass composites (NGCs) for mid-infrared emission. Journal of Materials Chemistry C, 2022, 10, 9882-9890.	5.5	3