

Feng Jin

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

761
citations

430874

18
h-index

526287

27
g-index

38
all docs

38
docs citations

38
times ranked

970
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric microstructure of hydrogel: two-photon microfabrication and stimuli-responsive behavior. <i>Soft Matter</i> , 2011, 7, 10353.	2.7	59
2	A New Family of Dendrimers with Naphthaline Core and Triphenylamine Branching as a Two-Photon Polymerization Initiator. <i>Journal of Physical Chemistry C</i> , 2011, 115, 776-784.	3.1	54
3	Cucurbit[7]uril-Carbazole Two-Photon Photoinitiators for the Fabrication of Biocompatible Three-Dimensional Hydrogel Scaffolds by Laser Direct Writing in Aqueous Solutions. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 1782-1789.	8.0	52
4	High efficiency solar cell based on ZnO nanowire array prepared by different growth methods. <i>RSC Advances</i> , 2014, 4, 10462.	3.6	44
5	Protein-Based 3D Microstructures with Controllable Morphology and pH-Responsive Properties. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 42247-42257.	8.0	38
6	Inverse opal hydrogel sensor for the detection of pH and mercury ions. <i>RSC Advances</i> , 2014, 4, 20567.	3.6	35
7	Two-photon nanolithography of positive photoresist thin film with ultrafast laser direct writing. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	34
8	Magnetic-field-driven ultra-small 3D hydrogel microstructures: Preparation of gel photoresist and two-photon polymerization microfabrication. <i>Sensors and Actuators B: Chemical</i> , 2018, 274, 541-550.	7.8	33
9	130 inorganic features achieved by multi-photon 3D lithography. <i>Nature Communications</i> , 2022, 13, 1357.	12.8	32
10	Ionic Carbazole-Based Water-Soluble Two-Photon Photoinitiator and the Fabrication of Biocompatible 3D Hydrogel Scaffold. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 27796-27805.	8.0	31
11	Polymeric distributed-feedback resonator with sub-micrometer fibers fabricated by two-photon induced photopolymerization. <i>Applied Physics A: Materials Science and Processing</i> , 2007, 89, 145-148.	2.3	29
12	Triphenylamine-modified quinoxaline derivatives as two-photon photoinitiators. <i>New Journal of Chemistry</i> , 2009, 33, 1578.	2.8	29
13	12 Super Resolution Achieved in Maskless Optical Projection Nanolithography for Efficient Cross-Scale Patterning. <i>Nano Letters</i> , 2021, 21, 3915-3921.	9.1	29
14	The Conductive Silver Nanowires Fabricated by Two-beam Laser Direct Writing on the Flexible Sheet. <i>Scientific Reports</i> , 2017, 7, 41757.	3.3	28
15	Flytrap Inspired pH-Driven 3D Hydrogel Actuator by Femtosecond Laser Microfabrication. <i>Advanced Materials Technologies</i> , 2022, 7, .	5.8	25
16	Biocompatible Three-Dimensional Hydrogel Cell Scaffold Fabricated by Sodium Hyaluronate and Chitosan Assisted Two-Photon Polymerization. <i>ACS Applied Bio Materials</i> , 2019, 2, 3077-3083.	4.6	24
17	Diffusionless transformation of soft cubic superstructure from amorphous to simple cubic and body-centered cubic phases. <i>Nature Communications</i> , 2021, 12, 3477.	12.8	24
18	A facile layer-by-layer assembly method for the fabrication of fluorescent polymer/quantum dot nanocomposite thin films. <i>RSC Advances</i> , 2014, 4, 33206.	3.6	21

#	ARTICLE	IF	CITATIONS
19	Single-, Dual-, Triple, and Quadruple-Wavelength Surface-Emitting Lasing in Blue-Phase Liquid Crystal. <i>Advanced Materials</i> , 2022, 34, e2108330.	21.0	17
20	Laser Direct Writing of Silver Nanowire with Amino Acids-Assisted Multiphoton Photoreduction. <i>Journal of Physical Chemistry C</i> , 2016, 120, 26532-26538.	3.1	15
21	Nondegenerate two-photon absorption properties of a newly synthesized carbazole derivative. <i>Journal of Materials Chemistry C</i> , 2017, 5, 470-475.	5.5	14
22	Threshold optimization of polymeric opal photonic crystal cavity as organic solid-state dye-doped laser. <i>Applied Physics Letters</i> , 2011, 98, 093304.	3.3	13
23	Multi-scale structure patterning by digital-mask projective lithography with an alterable projective scaling system. <i>AIP Advances</i> , 2018, 8, .	1.3	11
24	Plasmonic resonance enhancement of single gold nanorod in two-photon photopolymerization for fabrication of polymer/metal nanocomposites. <i>Applied Physics A: Materials Science and Processing</i> , 2012, 106, 773-778.	2.3	8
25	Cell Behavior on 3D Ti-6Al-4 V Scaffolds with Different Porosities. <i>ACS Applied Bio Materials</i> , 2019, 2, 697-703.	4.6	8
26	Modulation of Cell Behavior by 3D Biocompatible Hydrogel Microscaffolds with Precise Configuration. <i>Nanomaterials</i> , 2021, 11, 2325.	4.1	8
27	Hierarchical CdSe-gold hybrid nanocrystals: synthesis and optical properties. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 13180.	2.8	7
28	Simultaneous synthesis/assembly of anisotropic cake-shaped porphyrin particles toward colloidal microcrystals. <i>Chemical Communications</i> , 2016, 52, 3619-3622.	4.1	7
29	Inhibited/enhanced fluorescence of embedded fluorescent defects by manipulation of spontaneous emission based on photonic stopband. <i>RSC Advances</i> , 2017, 7, 19737-19741.	3.6	6
30	Dual wavelength two-photon absorption in two-beam laser direct writing silver nanowire and the conductivity enhancement. <i>Applied Physics Letters</i> , 2017, 110, 263113.	3.3	6
31	Layer-by-layer assembled PMMA-SH/CdSe-Au nanocomposite thin films and the optical limiting property. <i>RSC Advances</i> , 2016, 6, 25401-25408.	3.6	5
32	Laser-Induced Antibacterial Activity of Novel Symmetric Carbazole-Based Ethynylpyridine Photosensitizers. <i>ACS Omega</i> , 2018, 3, 3737-3743.	3.5	5
33	Preparation, photoisomerization, and microfabrication with two-photon polymerization of crosslinked azo-polymers. <i>Journal of Applied Polymer Science</i> , 2013, 130, 2947-2956.	2.6	4
34	High Q Plasmonic Lasing of Band Edge Modes in an Asymmetry Environment. <i>Plasmonics</i> , 2015, 10, 1761-1769.	3.4	3
35	Stepwise Optimized 3D Printing of Arbitrary 3D Structures at Millimeter Scale with High Precision Surface. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1900400.	3.6	3
36	Optimization of Cavity Length to Obtain Low Threshold Solid-state Dye Laser. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1365, 1.	0.1	0

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37	Single-, Dual-, Triple, and Quadruple-Wavelength Surface-Emitting Lasing in Blue-Phase Liquid Crystal (Adv. Mater. 9/2022). Advanced Materials, 2022, 34, .	21.0	0