

Yanlei Hu

List of Publications by Year in descending order

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169
papers

6,299
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50276

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171
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times ranked

4874
citing authors

#	ARTICLE	IF	CITATIONS
1	Curvature-Driven Reversible In Situ Switching Between Pinned and Roll-Down Superhydrophobic States for Water Droplet Transportation. <i>Advanced Materials</i> , 2011, 23, 545-549.	21.0	268
2	Three-Level Biomimetic Rice-Leaf Surfaces with Controllable Anisotropic Sliding. <i>Advanced Functional Materials</i> , 2011, 21, 2927-2932.	14.9	251
3	Experimental demonstration of a three-dimensional lithium niobate nonlinear photonic crystal. <i>Nature Photonics</i> , 2018, 12, 596-600.	31.4	224
4	Three-dimensional chiral microstructures fabricated by structured optical vortices in isotropic material. <i>Light: Science and Applications</i> , 2017, 6, e17011-e17011.	16.6	201
5	Femtosecond laser 3D micromachining: a powerful tool for the fabrication of microfluidic, optofluidic, and electrofluidic devices based on glass. <i>Lab on A Chip</i> , 2014, 14, 3447-3458.	6.0	190
6	Multifunctional Janus Microplates Arrays Actuated by Magnetic Fields for Water/Light Switches and Bio-Inspired Assimilatory Coloration. <i>Advanced Materials</i> , 2019, 31, e1807507.	21.0	144
7	High numerical aperture microlens arrays of close packing. <i>Applied Physics Letters</i> , 2010, 97, .	3.3	143
8	Hybrid femtosecond laser microfabrication to achieve true 3D glass/polymer composite biochips with multiscale features and high performance: the concept of ship-in-a-bottle biochip. <i>Laser and Photonics Reviews</i> , 2014, 8, 458-467.	8.7	126
9	Botanical-Inspired 4D Printing of Hydrogel at the Microscale. <i>Advanced Functional Materials</i> , 2020, 30, 1907377.	14.9	122
10	Efficient nonlinear beam shaping in three-dimensional lithium niobate nonlinear photonic crystals. <i>Nature Communications</i> , 2019, 10, 4193.	12.8	114
11	In-channel integration of designable microoptical devices using flat scaffold-supported femtosecond-laser microfabrication for coupling-free optofluidic cell counting. <i>Light: Science and Applications</i> , 2015, 4, e228-e228.	16.6	107
12	A single-layer Janus membrane with dual gradient conical micropore arrays for self-driving fog collection. <i>Journal of Materials Chemistry A</i> , 2017, 5, 18403-18408.	10.3	103
13	Parallel direct laser writing of micro-optical and photonic structures using spatial light modulator. <i>Optics and Lasers in Engineering</i> , 2015, 70, 26-32.	3.8	99
14	Environmentally Adaptive Shape-Morphing Microrobots for Localized Cancer Cell Treatment. <i>ACS Nano</i> , 2021, 15, 18048-18059.	14.6	94
15	Multifunctional ultrathin aluminum foil: oil/water separation and particle filtration. <i>Journal of Materials Chemistry A</i> , 2016, 4, 18832-18840.	10.3	92
16	Nanogap Plasmonic Structures Fabricated by Switchable Capillary-Force Driven Self-Assembly for Localized Sensing of Anticancer Medicines with Microfluidic SERS. <i>Advanced Functional Materials</i> , 2020, 30, 1909467.	14.9	91
17	Conical Hollow Microhelices with Superior Swimming Capabilities for Targeted Cargo Delivery. <i>Advanced Materials</i> , 2019, 31, e1808226.	21.0	89
18	Laser printing hierarchical structures with the aid of controlled capillary-driven self-assembly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6876-6881.	7.1	87

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19	Stimuli-Responsive Actuator Fabricated by Dynamic Asymmetric Femtosecond Bessel Beam for <i>In Situ</i> Particle and Cell Manipulation. <i>ACS Nano</i> , 2020, 14, 5233-5242.	14.6	87
20	Fish scale inspired design of underwater superoleophobic microcone arrays by sucrose solution assisted femtosecond laser irradiation for multifunctional liquid manipulation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 18675-18683.	10.3	84
21	Pitcher plant-bioinspired bubble slippery surface fabricated by femtosecond laser for buoyancy-driven bubble self-transport and efficient gas capture. <i>Nanoscale</i> , 2019, 11, 1370-1378.	5.6	74
22	<i>In Situ</i> Reversible Control between Sliding and Pinning for Diverse Liquids under Ultra-Low Voltage. <i>ACS Nano</i> , 2019, 13, 5742-5752.	14.6	73
23	Bioinspired micro/nanostructured surfaces prepared by femtosecond laser direct writing for multi-functional applications. <i>International Journal of Extreme Manufacturing</i> , 2020, 2, 032002.	12.7	73
24	Switchable Underwater Bubble Wettability on Laser-Induced Titanium Multiscale Micro-/Nanostructures by Vertically Crossed Scanning. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 16867-16873.	8.0	65
25	Ship-in-a-bottle femtosecond laser integration of optofluidic microlens arrays with center-pass units enabling coupling-free parallel cell counting with a 100% success rate. <i>Lab on A Chip</i> , 2015, 15, 1515-1523.	6.0	64
26	Biomimetic surfaces with anisotropic sliding wetting by energy-modulation femtosecond laser irradiation for enhanced water collection. <i>RSC Advances</i> , 2017, 7, 11170-11179.	3.6	63
27	Femtosecond Mathieu Beams for Rapid Controllable Fabrication of Complex Microcages and Application in Trapping Microobjects. <i>ACS Nano</i> , 2019, 13, 4667-4676.	14.6	63
28	Large area metal micro-/nano-groove arrays with both structural color and anisotropic wetting fabricated by one-step focused laser interference lithography. <i>Nanoscale</i> , 2019, 11, 4803-4810.	5.6	63
29	High Performance Bubble Manipulation on Ferrofluid-Infused Laser-Ablated Microstructured Surfaces. <i>Nano Letters</i> , 2020, 20, 5513-5521.	9.1	63
30	Giant Helical Dichroism of Single Chiral Nanostructures with Photonic Orbital Angular Momentum. <i>ACS Nano</i> , 2021, 15, 2893-2900.	14.6	63
31	Femtosecond laser color marking stainless steel surface with different wavelengths. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 118, 1189-1196.	2.3	62
32	High Performance Unidirectional Manipulation of Microdroplets by Horizontal Vibration on Femtosecond Laser-Induced Slant Microwall Arrays. <i>Advanced Materials</i> , 2020, 32, e2005039.	21.0	62
33	Gigantic vortical differential scattering as a monochromatic probe for multiscale chiral structures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	62
34	All-Glass 3D Optofluidic Microchip with Built-in Tunable Microlens Fabricated by Femtosecond Laser-Assisted Etching. <i>Advanced Optical Materials</i> , 2018, 6, 1701299.	7.3	61
35	Remote Photothermal Actuation of Underwater Bubble toward Arbitrary Direction on Planar Slippery Fe ₃ O ₄ -Doped Surfaces. <i>Advanced Functional Materials</i> , 2019, 29, 1904766.	14.9	59
36	High efficiency integration of three-dimensional functional microdevices inside a microfluidic chip by using femtosecond laser multifoci parallel microfabrication. <i>Scientific Reports</i> , 2016, 6, 19989.	3.3	58

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37	A Janus oil barrel with tapered microhole arrays for spontaneous high-flux spilled oil absorption and storage. <i>Nanoscale</i> , 2017, 9, 15796-15803.	5.6	57
38	Reconfigurable Magnetic Liquid Metal Robot for High-Performance Droplet Manipulation. <i>Nano Letters</i> , 2022, 22, 2923-2933.	9.1	57
39	High-efficiency fabrication of aspheric microlens arrays by holographic femtosecond laser-induced photopolymerization. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	55
40	Large-Area One-Step Assembly of Three-Dimensional Porous Metal Micro/Nanocages by Ethanol-Assisted Femtosecond Laser Irradiation for Enhanced Antireflection and Hydrophobicity. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 383-390.	8.0	55
41	Localized Self-Growth of Reconfigurable Architectures Induced by a Femtosecond Laser on a Shape-Memory Polymer. <i>Advanced Materials</i> , 2018, 30, e1803072.	21.0	55
42	In Situ Reversible Tuning from Pinned to Roll-Down Superhydrophobic States on a Thermal-Responsive Shape Memory Polymer by a Silver Nanowire Film. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 13464-13472.	8.0	55
43	Targeted Single-Cell Therapeutics with Magnetic Tubular Micromotor by One-Step Exposure of Structured Femtosecond Optical Vortices. <i>Advanced Functional Materials</i> , 2019, 29, 1905745.	14.9	54
44	Noncontact All-in-Situ Reversible Reconfiguration of Femtosecond Laser-Induced Shape Memory Magnetic Microcones for Multifunctional Liquid Droplet Manipulation and Information Encryption. <i>Advanced Functional Materials</i> , 2021, 31, 2100543.	14.9	51
45	Three-Dimensional Multifunctional Magnetically Responsive Liquid Manipulator Fabricated by Femtosecond Laser Writing and Soft Transfer. <i>Nano Letters</i> , 2020, 20, 7519-7529.	9.1	50
46	Two-photon polymerization of microstructures by a non-diffraction multifoci pattern generated from a superposed Bessel beam. <i>Optics Letters</i> , 2017, 42, 743.	3.3	49
47	Transparent Light-Driven Hydrogel Actuator Based on Photothermal Marangoni Effect and Buoyancy Flow for Three-Dimensional Motion. <i>Advanced Functional Materials</i> , 2021, 31, 2009386.	14.9	48
48	Capillary Force Driven Self-Assembly of Anisotropic Hierarchical Structures Prepared by Femtosecond Laser 3D Printing and Their Applications in Crystallizing Microparticles. <i>ACS Nano</i> , 2015, 9, 12060-12069.	14.6	47
49	Microhole-Arrayed PDMS with Controllable Wettability Gradient by One-Step Femtosecond Laser Drilling for Ultrafast Underwater Bubble Unidirectional Self-Transport. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900297.	3.7	47
50	Two-photon polymerization of cylinder microstructures by femtosecond Bessel beams. <i>Applied Physics Letters</i> , 2014, 105, 041110.	3.3	44
51	Anisotropic Sliding of Underwater Bubbles On Microgrooved Slippery Surfaces by One-Step Femtosecond Laser Scanning. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 20574-20580.	8.0	43
52	Optimized holographic femtosecond laser patterning method towards rapid integration of high-quality functional devices in microchannels. <i>Scientific Reports</i> , 2016, 6, 33281.	3.3	42
53	Chiral Assemblies of Laser-Printed Micropillars Directed by Asymmetrical Capillary Force. <i>Advanced Materials</i> , 2020, 32, e2002356.	21.0	42
54	Quasi-phase-matching-division multiplexing holography in a three-dimensional nonlinear photonic crystal. <i>Light: Science and Applications</i> , 2021, 10, 146.	16.6	42

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55	Direct laser writing of complex microtubes using femtosecond vortex beams. Applied Physics Letters, 2017, 110, .	3.3	40
56	A Biocompatible Vibration-Actuated Omni-Droplets Rectifier with Large Volume Range Fabricated by Femtosecond Laser. Advanced Materials, 2022, 34, e2108567.	21.0	40
57	Efficient full-path optical calculation of scalar and vector diffraction using the Bluestein method. Light: Science and Applications, 2020, 9, 119.	16.6	38
58	Programmable 3D printed wheat awn-like system for high-performance fogdrop collection. Chemical Engineering Journal, 2020, 399, 125139.	12.7	36
59	Self-organization of polymer nanoneedles into large-area ordered flowerlike arrays. Applied Physics Letters, 2009, 95, 091902.	3.3	35
60	Real-time two-photon lithography in controlled flow to create a single-microparticle array and particle-cluster array for optofluidic imaging. Lab on A Chip, 2018, 18, 442-450.	6.0	35
61	Evolution of aluminum surface irradiated by femtosecond laser pulses with different pulse overlaps. Applied Surface Science, 2013, 276, 203-209.	6.1	34
62	Smart Stretchable Janus Membranes with Tunable Collection Rate for Fog Harvesting. Advanced Materials Interfaces, 2019, 6, 1901465.	3.7	34
63	Unidirectional Transport and Effective Collection of Underwater CO ₂ Bubbles Utilizing Ultrafast-Laser-Ablated Janus Foam. ACS Applied Materials & Interfaces, 2020, 12, 18110-18115.	8.0	34
64	In Situ Electric-Induced Switchable Transparency and Wettability on Laser-Ablated Bioinspired Paraffin-Impregnated Slippery Surfaces. Advanced Science, 2021, 8, e2100701.	11.2	34
65	High efficiency fabrication of complex microtube arrays by scanning focused femtosecond laser Bessel beam for trapping/releasing biological cells. Optics Express, 2017, 25, 8144.	3.4	33
66	Cross-Species Bioinspired Anisotropic Surfaces for Active Droplet Transportation Driven by Unidirectional Microcolumn Waves. ACS Applied Materials & Interfaces, 2020, 12, 42264-42273.	8.0	33
67	Novel carbazole derivatives with quinoline ring: Synthesis, electronic transition, and two-photon absorption three-dimensional optical data storage. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 139, 243-252.	3.9	32
68	Unidirectional self-transport of air bubble via a Janus membrane in aqueous environment. Applied Physics Letters, 2018, 113, .	3.3	32
69	Reversible Tuning between Isotropic and Anisotropic Sliding by One-Direction Mechanical Stretching on Microgrooved Slippery Surfaces. Langmuir, 2019, 35, 10625-10630.	3.5	31
70	Ultralow-Voltage-Driven Smart Control of Diverse Drop's Anisotropic Sliding by in Situ Switching Joule Heat on Paraffin-Infused Microgrooved Slippery Surface. ACS Applied Materials & Interfaces, 2020, 12, 1895-1904.	8.0	31
71	<i>In situ</i> tunable bubble wettability with fast response induced by solution surface tension. Journal of Materials Chemistry A, 2018, 6, 20878-20886.	10.3	30
72	One-step facile fabrication of controllable microcone and micromolar silicon arrays with tunable wettability by liquid-assisted femtosecond laser irradiation. RSC Advances, 2016, 6, 37463-37471.	3.6	29

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73	Mechanical-Tunable Capillary-Force-Driven Self-Assembled Hierarchical Structures on Soft Substrate. ACS Nano, 2018, 12, 10142-10150.	14.6	29
74	An improved multi-exposure approach for high quality holographic femtosecond laser patterning. Applied Physics Letters, 2014, 105, .	3.3	28
75	Arch-like microsorters with multi-modal and clogging-improved filtering functions by using femtosecond laser multifocal parallel microfabrication. Optics Express, 2017, 25, 16739.	3.4	27
76	Ultrathin and High-Stress-Resolution Liquid-Metal-Based Pressure Sensors with Simple Device Structures. ACS Applied Materials & Interfaces, 2020, 12, 55390-55398.	8.0	27
77	Dimensionally Controllable Microtube Arrays by Dynamic Holographic Processing as 3D Yeast Culture Scaffolds for Asymmetrical Growth Regulation. Small, 2017, 13, 1701190.	10.0	26
78	Rapid, Controllable Fabrication of Regular Complex Microarchitectures by Capillary Assembly of Micropillars and Their Application in Selectively Trapping/Releasing Microparticles. Small, 2013, 9, 760-767.	10.0	25
79	Projection two-photon polymerization using a spatial light modulator. Optics Communications, 2014, 331, 82-86.	2.1	25
80	Photothermal Actuation of Diverse Liquids on an Fe ₃ O ₄ -Doped Slippery Surface for Electric Switching and Cell Culture. Langmuir, 2019, 35, 13915-13922.	3.5	25
81	Ag nanoparticle/azopolymer nanocomposites: In situ synthesis, microstructure, rewritable optically induced birefringence and optical recording. Polymer, 2010, 51, 1395-1403.	3.8	24
82	Multifurcate Assembly of Slanted Micropillars Fabricated by Superposition of Optical Vortices and Application in High Efficiency Trapping Microparticles. Advanced Functional Materials, 2017, 27, 1701939.	14.9	24
83	Two-photon-induced polarization-multiplexed and multilevel storage in photoisomeric copolymer film. Optics Letters, 2010, 35, 46.	3.3	22
84	Two-photon induced data storage in hydrogen bonded supramolecular azopolymers. Optics Communications, 2012, 285, 4941-4945.	2.1	22
85	A rapid two-photon fabrication of tube array using an annular Fresnel lens. Optics Express, 2014, 22, 3983.	3.4	22
86	Synthesis, structure and optical data storage properties of silver nanoparticles modified with azobenzene thiols. Materials Chemistry and Physics, 2016, 170, 108-112.	4.0	22
87	Self-Sealed Bionic Long Microchannels with Thin Walls and Designable Nanoholes Prepared by Line-Contact Capillary-Force Assembly. Small, 2017, 13, 1603957.	10.0	22
88	Femtosecond Laser Regulated Ultrafast Growth of Mushroom-Like Architecture for Oil Repellency and Manipulation. Nano Letters, 2021, 21, 9301-9309.	9.1	22
89	Generation of colorful Airy beams and Airy imaging of letters via two-photon processed cubic phase plates. Optics Letters, 2018, 43, 1151.	3.3	21
90	Dual-Responsive Janus Membrane by One-Step Laser Drilling for Underwater Bubble Selective Capture and Repelling. Advanced Materials Interfaces, 2019, 6, 1901176.	3.7	20

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91	Dynamic Airy imaging through high-efficiency broadband phase microelements by femtosecond laser direct writing. <i>Photonics Research</i> , 2020, 8, 875.	7.0	20
92	Multilayered skyscraper microchips fabricated by hybrid "all-in-one" femtosecond laser processing. <i>Microsystems and Nanoengineering</i> , 2019, 5, 17.	7.0	19
93	Polarization storage by two-photon-induced anisotropy in bisazobenzene copolymer film. <i>Optics Communications</i> , 2009, 282, 3282-3285.	2.1	18
94	Three-level cobblestone-like TiO ₂ micro/nanocones for dual-responsive water/oil reversible wetting without fluorination. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	18
95	Continuous cubic phase microplates for generating high-quality Airy beams with strong deflection. <i>Optics Letters</i> , 2017, 42, 2483.	3.3	18
96	Generation of high-quality tunable Airy beams with an adaptive deformable mirror. <i>Optics Letters</i> , 2018, 43, 3634.	3.3	18
97	High-aspect-ratio microtubes with variable diameter and uniform wall thickness by compressing Bessel hologram phase depth. <i>Optics Letters</i> , 2018, 43, 3514.	3.3	18
98	Spontaneous and unidirectional transportation of underwater bubbles on superhydrophobic dual rails. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	18
99	Robust Underwater Air Layer Retention and Restoration on <i>Salvinia</i> -Inspired Self-Grown Heterogeneous Architectures. <i>ACS Nano</i> , 2022, 16, 2730-2740.	14.6	18
100	Microtubes with Complex Cross Section Fabricated by C-Shaped Bessel Laser Beam for Mimicking Stomata That Opens and Closes Rapidly. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 36369-36376.	8.0	17
101	Channel-controlled Janus membrane fabricated by simultaneous laser ablation and nanoparticles deposition for underwater bubbles manipulation. <i>Applied Physics Letters</i> , 2019, 114, .	3.3	17
102	Rapid Fabrication of 3D Chiral Microstructures by Single Exposure of Interfered Femtosecond Vortex Beams and Capillary-Force-Assisted Self-Assembly. <i>Advanced Functional Materials</i> , 2022, 32, 2106917.	14.9	17
103	Realization of diverse displays for multiple color patterns on metal surfaces. <i>Applied Surface Science</i> , 2014, 316, 451-455.	6.1	16
104	Amplitude-phase optimized long depth of focus femtosecond axilens beam for single-exposure fabrication of high-aspect-ratio microstructures. <i>Optics Letters</i> , 2020, 45, 2584.	3.3	16
105	Functional Shape-Morphing Microarchitectures Fabricated by Dynamic Holographically Shifted Femtosecond Multifoci. <i>Nano Letters</i> , 2022, 22, 5277-5286.	9.1	16
106	Light-driven Locomotion of Underwater Bubbles on Ultrarobust Paraffin-impregnated Laser-ablated Fe ₃ O ₄ -doped Slippery Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 9272-9280.	8.0	15
107	Tunable microfluidic device fabricated by femtosecond structured light for particle and cell manipulation. <i>Lab on A Chip</i> , 2019, 19, 3988-3996.	6.0	14
108	Hybrid femtosecond laser fabrication of a size-tunable microtrap chip with a high-trapping retention rate. <i>Optics Letters</i> , 2020, 45, 1071.	3.3	14

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109	Femtosecond laser induced surface deformation in multi-dimensional data storage. <i>Applied Physics Letters</i> , 2012, 101, .	3.3	13
110	Influence of secondary converse piezoelectric effect on deflection of fully covered PZT actuators. <i>Sensors and Actuators A: Physical</i> , 2012, 175, 132-138.	4.1	13
111	Self-assembled micropillars fabricated by holographic femtosecond multi-foci beams for in situ trapping of microparticles. <i>Optics Letters</i> , 2020, 45, 4698.	3.3	13
112	Two-stage optical recording: photoinduced birefringence and surface-mediated bits storage in bisazo-containing copolymers towards ultrahigh data memory. <i>Optics Express</i> , 2016, 24, 23557.	3.4	12
113	Multifunctional oil-water and immiscible organic liquid separation by micropore arrayed Ti foil. <i>Applied Surface Science</i> , 2018, 455, 221-226.	6.1	12
114	Negative photoconductivity in sulfur-hyperdoped silicon film. <i>Materials Science in Semiconductor Processing</i> , 2019, 98, 106-112.	4.0	12
115	Holographic femtosecond laser integration of microtube arrays inside a hollow needle as a lab-in-a-needle device. <i>Optics Letters</i> , 2019, 44, 5073.	3.3	12
116	Selective display of multiple patterns encoded with different oriented ripples using femtosecond laser. <i>Optics and Laser Technology</i> , 2015, 71, 85-88.	4.6	10
117	Guiding the Patterned Growth of Neuronal Axons and Dendrites Using Anisotropic Micropillar Scaffolds. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100094.	7.6	10
118	Flexible and rapid fabrication of silver microheaters with spatial-modulated multifoci by femtosecond laser multiphoton reduction. <i>Optics Letters</i> , 2018, 43, 5335.	3.3	10
119	Highly uniform parallel microfabrication using a large numerical aperture system. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	9
120	Controllable double-helical microstructures by photonic orbital angular momentum for chiroptical response. <i>Optics Letters</i> , 2021, 46, 1401.	3.3	9
121	3D Multiscale Micro-/Nanofolds by Femtosecond Laser Intermittent Ablation and Constrained Heating on a Shape Memory Polymer. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 23210-23219.	8.0	9
122	Magnetism-Actuated Superhydrophobic Flexible Microclaw: From Spatial Microdroplet Maneuvering to Cross-Species Control. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 35165-35172.	8.0	9
123	Fast Bits Recording in Photoisomeric Polymers by Phase-Modulated Femtosecond Laser. <i>IEEE Photonics Technology Letters</i> , 2014, 26, 1154-1156.	2.5	8
124	Optical superimposed vortex beams generated by integrated holographic plates with blazed grating. <i>Applied Physics Letters</i> , 2017, 111, 061901.	3.3	8
125	Efficient fabrication of a high-aspect-ratio AFM tip by one-step exposure of a long focal depth holographic femtosecond axilens beam. <i>Optics Letters</i> , 2020, 45, 897.	3.3	8
126	Sustaining Robust Cavities with Slippery Liquid-Liquid Interfaces. <i>Advanced Science</i> , 2022, 9, e2103568.	11.2	8

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127	Tailoring Optical Vortical Dichroism with Stereometamaterials. <i>Laser and Photonics Reviews</i> , 2022, 16, .	8.7	8
128	Low-cost unimorph deformable mirror with high actuator count for astronomical adaptive optics. <i>Optical Engineering</i> , 2013, 52, 016602.	1.0	7
129	Numerical and Experimental Study of the Structural Color by Widening the Pore Size of Nanoporous Anodic Alumina. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-10.	2.7	7
130	Displacement improvement of piezoelectric membrane microactuator by controllable in-plane stress. <i>Sensors and Actuators A: Physical</i> , 2015, 230, 45-51.	4.1	7
131	Femtosecond Laser-Assisted Top-Restricted Self-Growth Re-Entrant Structures on Shape Memory Polymer for Dynamic Pressure Resistance. <i>Langmuir</i> , 2020, 36, 12346-12356.	3.5	7
132	Facile fabrication of functional PDMS surfaces with tunable wettability and high adhesive force via femtosecond laser textured templating. <i>AIP Advances</i> , 2014, 4, 127141.	1.3	6
133	Magnetically driven rotary microfilter fabricated by two-photon polymerization for multimode filtering of particles. <i>Optics Letters</i> , 2021, 46, 2968.	3.3	6
134	On-Demand Maneuvering of Diverse Prodrug Liquids on a Light-Responsive Candle-Soot-Hybridized Lubricant-Infused Slippery Surface for Highly Effective Toxicity Screening. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 31667-31676.	8.0	6
135	Self-driven flow in surface grooves fabricated by femtosecond laser. <i>Surface and Coatings Technology</i> , 2014, 242, 246-250.	4.8	5
136	Eliminating hysteresis of piezoelectric deformable mirror by charge control. <i>Optics Communications</i> , 2015, 349, 1-5.	2.1	5
137	Femtosecond Laser Based Polarization Storage by Direct-Writing in Diazobenzene Copolymer Film. <i>Journal of Laser Micro Nanoengineering</i> , 2010, 5, 64-67.	0.1	5
138	3D microfluidic cloth-based analytical devices on a single piece of cloth by one-step laser hydrophilicity modification. <i>Lab on A Chip</i> , 2021, 21, 4805-4813.	6.0	5
139	Study on the rewritability of bisazobenzene-containing films in optical storage based on two-photon process. <i>Optics Communications</i> , 2011, 284, 802-806.	2.1	4
140	A facile strategy to integrate robust porous aluminum foil into microfluidic chip for sorting particles. <i>Microfluidics and Nanofluidics</i> , 2017, 21, 1.	2.2	4
141	Capillary-assisted localized crystallization on discrete micropillar rings. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	4
142	Kirigami Structures of Shape Memory Polymer by Femtosecond Laser Scribing and Constrained Heating. <i>Advanced Materials Technologies</i> , 2021, 6, 2100200.	5.8	4
143	Direct Generation of Airy Beams at Designed Fourier Planes Using Integrated Airy Phase Plates. <i>IEEE Photonics Technology Letters</i> , 2021, 33, 595-598.	2.5	4
144	Anisotropic Sliding Behaviors of Gas Bubbles upon Ferrofluid-Infused Orthonormal Tracks (FOTs) Under Magnetic Stimuli. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	4

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145	Brilliant and tunable color by changing pore diameter of metal-coated porous anodic alumina. Proceedings of SPIE, 2012, , .	0.8	3
146	Single-exposure multiphoton fabrication of polygonized structures by an SLM-modulated Fresnel zone lens. Optical Engineering, 2016, 55, 035102.	1.0	3
147	Femtosecond Laser Direct Ablating Micro/Nanostructures and Micropatterns on CH ₃ NH ₃ PbI ₃ Single Crystal. IEEE Photonics Journal, 2017, 9, 1-10.	2.0	3
148	Evolution of titanium surfaces irradiated by femtosecond laser pulses with different wavelengths. , 2013, , .		2
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