

Yanlei Hu

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	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
2	Sustaining Robust Cavities with Slippery Liquid-Liquid Interfaces. <i>Advanced Science</i> , 2022, 9, e2103568.	11.2	8
3	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
4	A Biocompatible Vibration-Actuated Omni-Droplets Rectifier with Large Volume Range Fabricated by Femtosecond Laser. <i>Advanced Materials</i> , 2022, 34, e2108567.	21.0	40
5	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
6	Reconfigurable Magnetic Liquid Metal Robot for High-Performance Droplet Manipulation. <i>Nano Letters</i> , 2022, 22, 2923-2933.	9.1	57
7	Characterization of white-light non-diffracting beams generated using a deformable mirror. <i>Optics Express</i> , 2022, 30, 13148.	3.4	2
8	Tailoring Optical Vortical Dichroism with Stereometamaterials. <i>Laser and Photonics Reviews</i> , 2022, 16, .	8.7	8
9	Functional Shape-Morphing Microarchitectures Fabricated by Dynamic Holographically Shifted Femtosecond Multifoci. <i>Nano Letters</i> , 2022, 22, 5277-5286.	9.1	16
10	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
11	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
12	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
13	Controllable double-helical microstructures by photonic orbital angular momentum for chiroptical response. <i>Optics Letters</i> , 2021, 46, 1401.	3.3	9
14	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
15	Kirigami Structures of Shape Memory Polymer by Femtosecond Laser Scribing and Constrained Heating. <i>Advanced Materials Technologies</i> , 2021, 6, 2100200.	5.8	4
16	Guiding the Patterned Growth of Neuronal Axons and Dendrites Using Anisotropic Micropillar Scaffolds. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100094.	7.6	10
17	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
18	In Situ Electric-Induced Switchable Transparency and Wettability on Laser-Ablated Bioinspired Paraffin-impregnated Slippery Surfaces. <i>Advanced Science</i> , 2021, 8, e2100701.	11.2	34

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19	Magnetically driven rotary microfilter fabricated by two-photon polymerization for multimode filtering of particles. <i>Optics Letters</i> , 2021, 46, 2968.	3.3	6
20	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
21	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
22	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
23	Real-time capture of single particles in controlled flow by a rapidly generated foci array with adjustable intensity and pattern. <i>Optics Letters</i> , 2021, 46, 5308.	3.3	2
24	Femtosecond laser direct writing continuous phase vortex gratings with proportionally distributed diffraction energy. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	1
25	Biomimetic Mechanoswitchable Interfaces for High-Performance Spatial Gas Bubble Maneuvering. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 43769-43776.	8.0	2
26	Reply to Comments on "Efficient full-path optical calculation of scalar and vector diffraction using the Bluestein method". <i>Light: Science and Applications</i> , 2021, 10, 13.	16.6	2
27	Giant Helical Dichroism of Single Chiral Nanostructures with Photonic Orbital Angular Momentum. <i>ACS Nano</i> , 2021, 15, 2893-2900.	14.6	63
28	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
29	Environmentally Adaptive Shape-Morphing Microrobots for Localized Cancer Cell Treatment. <i>ACS Nano</i> , 2021, 15, 18048-18059.	14.6	94
30	Femtosecond Laser Regulated Ultrafast Growth of Mushroom-Like Architecture for Oil Repellency and Manipulation. <i>Nano Letters</i> , 2021, 21, 9301-9309.	9.1	22
31	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
32	Botanical-Inspired 4D Printing of Hydrogel at the Microscale. <i>Advanced Functional Materials</i> , 2020, 30, 1907377.	14.9	122
33	Ultralow-Voltage-Driven Smart Control of Diverse Drop's Anisotropic Sliding by in Situ Switching Joule Heat on Paraffin-Infused Microgrooved Slippery Surface. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 1895-1904.	8.0	31
34	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
35	Efficient full-path optical calculation of scalar and vector diffraction using the Bluestein method. <i>Light: Science and Applications</i> , 2020, 9, 119.	16.6	38
36	Ultrathin and High-Stress-Resolution Liquid-Metal-Based Pressure Sensors with Simple Device Structures. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 55390-55398.	8.0	27

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37	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
38	Chiral Microstructures: Chiral Assemblies of Laser-Printed Micropillars Directed by Asymmetrical Capillary Force (<i>Adv. Mater.</i> 31/2020). <i>Advanced Materials</i> , 2020, 32, 2070236.	21.0	0
39	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
40	Cross-Species Bioinspired Anisotropic Surfaces for Active Droplet Transportation Driven by Unidirectional Microcolumn Waves. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 42264-42273.	8.0	33
41	Programmable 3D printed wheat awn-like system for high-performance fogdrop collection. <i>Chemical Engineering Journal</i> , 2020, 399, 125139.	12.7	36
42	High Performance Bubble Manipulation on Ferrofluid-Infused Laser-Ablated Microstructured Surfaces. <i>Nano Letters</i> , 2020, 20, 5513-5521.	9.1	63
43	Chiral Assemblies of Laser-Printed Micropillars Directed by Asymmetrical Capillary Force. <i>Advanced Materials</i> , 2020, 32, e2002356.	21.0	42
44	Spontaneous and unidirectional transportation of underwater bubbles on superhydrophobic dual rails. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	18
45	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
46	Unidirectional Transport and Effective Collection of Underwater CO ₂ Bubbles Utilizing Ultrafast-Laser-Ablated Janus Foam. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 18110-18115.	8.0	34
47	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
48	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
49	4D Printing: Botanical-Inspired 4D Printing of Hydrogel at the Microscale (<i>Adv. Funct. Mater.</i> 4/2020). <i>Advanced Functional Materials</i> , 2020, 30, 2070026.	14.9	2
50	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
51	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
52	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
53	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
54	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

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55	Dynamic Airy imaging through high-efficiency broadband phase microelements by femtosecond laser direct writing. <i>Photonics Research</i> , 2020, 8, 875.	7.0	20
56	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
57	Reversible Tuning between Isotropic and Anisotropic Sliding by One-Direction Mechanical Stretching on Microgrooved Slippery Surfaces. <i>Langmuir</i> , 2019, 35, 10625-10630.	3.5	31
58	Dual-Responsive Janus Membrane by One-Step Laser Drilling for Underwater Bubble Selective Capture and Repelling. <i>Advanced Materials Interfaces</i> , 2019, 6, 1901176.	3.7	20
59	Photothermal Actuation of Diverse Liquids on an Fe ₃ O ₄ -Doped Slippery Surface for Electric Switching and Cell Culture. <i>Langmuir</i> , 2019, 35, 13915-13922.	3.5	25
60	Smart Stretchable Janus Membranes with Tunable Collection Rate for Fog Harvesting. <i>Advanced Materials Interfaces</i> , 2019, 6, 1901465.	3.7	34
61	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
62	Efficient nonlinear beam shaping in three-dimensional lithium niobate nonlinear photonic crystals. <i>Nature Communications</i> , 2019, 10, 4193.	12.8	114
63	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
64	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
65	Erratum to "Femtosecond Laser Direct Ablating Micro/Nanostructures and Micropatterns on CH ₃ NH ₃ PbI ₃ Single Crystal" [Apr 17 Art. no. 2400110]. <i>IEEE Photonics Journal</i> , 2019, 11, 1-2.	2.0	0
66	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
67	Multilayered skyscraper microchips fabricated by hybrid "all-in-one" femtosecond laser processing. <i>Microsystems and Nanoengineering</i> , 2019, 5, 17.	7.0	19
68	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
69	Conical Hollow Microhelices with Superior Swimming Capabilities for Targeted Cargo Delivery. <i>Advanced Materials</i> , 2019, 31, e1808226.	21.0	89
70	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
71	<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
72	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

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73	Negative photoconductivity in sulfur-hyperdoped silicon film. <i>Materials Science in Semiconductor Processing</i> , 2019, 98, 106-112.	4.0	12
74	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
75	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
76	Controllable micro-/nanostructures on titanium surface induced by femtosecond laser for underwater air bubble manipulation. <i>Chinese Science Bulletin</i> , 2019, 64, 1296-1302.	0.7	1
77	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
78	Fabricating Nanogap for SERS by Combing Laser Printing with Capillary-Force Self-Assembly on Soft Base. , 2019, , .		1
79	Integration of functional microstructures inside a microfluidic chip by direct femtosecond laser writing. , 2019, , .		0
80	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
81	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
82	Real-time two-photon lithography in controlled flow to create a single-microparticle array and particle-cluster array for optofluidic imaging. <i>Lab on A Chip</i> , 2018, 18, 442-450.	6.0	35
83	<i>In situ</i> tunable bubble wettability with fast response induced by solution surface tension. <i>Journal of Materials Chemistry A</i> , 2018, 6, 20878-20886.	10.3	30
84	Unidirectional self-transport of air bubble via a Janus membrane in aqueous environment. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	32
85	Capillary-assisted localized crystallization on discrete micropillar rings. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	4
86	Mechanical-Tunable Capillary-Force-Driven Self-Assembled Hierarchical Structures on Soft Substrate. <i>ACS Nano</i> , 2018, 12, 10142-10150.	14.6	29
87	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
88	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
89	Generation of colorful Airy beams and Airy imaging of letters via two-photon processed cubic phase plates. <i>Optics Letters</i> , 2018, 43, 1151.	3.3	21
90	Generation of high-quality tunable Airy beams with an adaptive deformable mirror. <i>Optics Letters</i> , 2018, 43, 3634.	3.3	18

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91	Experimental demonstration of a three-dimensional lithium niobate nonlinear photonic crystal. <i>Nature Photonics</i> , 2018, 12, 596-600.	31.4	224
92	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
93	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
94	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
95	One-step synthesis of three-dimensional microtubes with single exposure of structured femtosecond optical vortices. , 2018, , .		0
96	High-quality microhole arrays by water-assisted femtosecond laser perforating for improved particle sorting. <i>Optical Engineering</i> , 2018, 57, 1.	1.0	0
97	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
98	Self-Sealed Bionic Long Microchannels with Thin Walls and Designable Nanoholes Prepared by Line-Contact Capillary-Force Assembly. <i>Small</i> , 2017, 13, 1603957.	10.0	22
99	Femtosecond Laser Direct Ablating Micro/Nanostructures and Micropatterns on CH ₃ NH ₃ PbI ₃ Single Crystal. <i>IEEE Photonics Journal</i> , 2017, 9, 1-10.	2.0	3
100	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
101	Multifurcate Assembly of Slanted Micropillars Fabricated by Superposition of Optical Vortices and Application in High-Efficiency Trapping Microparticles. <i>Advanced Functional Materials</i> , 2017, 27, 1701939.	14.9	24
102	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
103	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
104	Dimension-Controllable Microtube Arrays by Dynamic Holographic Processing as 3D Yeast Culture Scaffolds for Asymmetrical Growth Regulation. <i>Small</i> , 2017, 13, 1701190.	10.0	26
105	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
106	Optical superimposed vortex beams generated by integrated holographic plates with blazed grating. <i>Applied Physics Letters</i> , 2017, 111, 061901.	3.3	8
107	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
108	High efficiency fabrication of complex microtube arrays by scanning focused femtosecond laser Bessel beam for trapping/releasing biological cells. <i>Optics Express</i> , 2017, 25, 8144.	3.4	33

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109	Arch-like microsorters with multi-modal and clogging-improved filtering functions by using femtosecond laser multifocal parallel microfabrication. <i>Optics Express</i> , 2017, 25, 16739.	3.4	27
110	Continuous cubic phase microplates for generating high-quality Airy beams with strong deflection. <i>Optics Letters</i> , 2017, 42, 2483.	3.3	18
111	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
112	Direct laser writing of complex microtubes using femtosecond vortex beams. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	40
113	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
114	Highly uniform parallel microfabrication using a large numerical aperture system. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	9
115	One-step facile fabrication of controllable microcone and micromolar silicon arrays with tunable wettability by liquid-assisted femtosecond laser irradiation. <i>RSC Advances</i> , 2016, 6, 37463-37471.	3.6	29
116	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
117	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
118	Multifunctional ultrathin aluminum foil: oil/water separation and particle filtration. <i>Journal of Materials Chemistry A</i> , 2016, 4, 18832-18840.	10.3	92
119	Single-exposure multiphoton fabrication of polygonized structures by an SLM-modulated Fresnel zone lens. <i>Optical Engineering</i> , 2016, 55, 035102.	1.0	3
120	Synthesis, structure and optical data storage properties of silver nanoparticles modified with azobenzene thiols. <i>Materials Chemistry and Physics</i> , 2016, 170, 108-112.	4.0	22
121	Femtosecond laser cleaning the surface of reflective mirror in telescope. <i>Chinese Science Bulletin</i> , 2016, 61, 622-629.	0.7	1
122	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
123	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
124	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
125	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
126	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

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127	Novel carbazole derivatives with quinoline ring: Synthesis, electronic transition, and two-photon absorption three-dimensional optical data storage. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 139, 243-252.	3.9	32
128	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
129	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
130	Eliminating hysteresis of piezoelectric deformable mirror by charge control. <i>Optics Communications</i> , 2015, 349, 1-5.	2.1	5
131	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
132	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
133	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
134	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
135	Realization of diverse displays for multiple color patterns on metal surfaces. <i>Applied Surface Science</i> , 2014, 316, 451-455.	6.1	16
136	An improved multi-exposure approach for high quality holographic femtosecond laser patterning. <i>Applied Physics Letters</i> , 2014, 105, .	3.3	28
137	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
138	A rapid two-photon fabrication of tube array using an annular Fresnel lens. <i>Optics Express</i> , 2014, 22, 3983.	3.4	22
139	Two-photon polymerization of cylinder microstructures by femtosecond Bessel beams. <i>Applied Physics Letters</i> , 2014, 105, 041110.	3.3	44
140	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
141	Controllable liquid spread speed in the groove using femtosecond laser. , 2014, , .		0
142	Fast Bits Recording in Photoisomeric Polymers by Phase-Modulated Femtosecond Laser. <i>IEEE Photonics Technology Letters</i> , 2014, 26, 1154-1156.	2.5	8
143	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
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