

Dong Wu

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	Tailoring Optical Vortical Dichroism with Stereometamaterials. <i>Laser and Photonics Reviews</i> , 2022, 16, .	8.7	8
8	Multifunctional microfluidic Particle diode: One-way particle transport and particle filtration. <i>Sensors and Actuators B: Chemical</i> , 2022, 367, 132029.	7.8	1
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	Induction of Chirality in a Metal-Organic Framework Built from Achiral Precursors. <i>Angewandte Chemie</i> , 2021, 133, 3124-3131.	2.0	15
12	Induction of Chirality in a Metal-Organic Framework Built from Achiral Precursors. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3087-3094.	13.8	41
13	Innenr��cktitelbild: Induction of Chirality in a Metal-Organic Framework Built from Achiral Precursors (Angew. Chem. 6/2021). <i>Angewandte Chemie</i> , 2021, 133, 3351-3351.	2.0	0
14	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
15	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
16	Controllable double-helical microstructures by photonic orbital angular momentum for chiroptical response. <i>Optics Letters</i> , 2021, 46, 1401.	3.3	9
17	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
18	Kirigami Structures of Shape Memory Polymer by Femtosecond Laser Scribing and Constrained Heating. <i>Advanced Materials Technologies</i> , 2021, 6, 2100200.	5.8	4

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19	Guiding the Patterned Growth of Neuronal Axons and Dendrites Using Anisotropic Micropillar Scaffolds. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100094.	7.6	10
20	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
21	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
22	Magnetically driven rotary microfilter fabricated by two-photon polymerization for multimode filtering of particles. <i>Optics Letters</i> , 2021, 46, 2968.	3.3	6
23	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
24	High-Performance Ultrafine Bubble Aeration on Janus Aluminum Foil Prepared by Laser Microfabrication. <i>Langmuir</i> , 2021, 37, 6947-6952.	3.5	9
25	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
26	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
27	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
28	Femtosecond laser direct writing continuous phase vortex gratings with proportionally distributed diffraction energy. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	1
29	Biomimetic Mechanoswitchable Interfaces for High-Performance Spatial Gas Bubble Maneuvering. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 43769-43776.	8.0	2
30	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
31	Giant Helical Dichroism of Single Chiral Nanostructures with Photonic Orbital Angular Momentum. <i>ACS Nano</i> , 2021, 15, 2893-2900.	14.6	63
32	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
33	Environmentally Adaptive Shape-Morphing Microrobots for Localized Cancer Cell Treatment. <i>ACS Nano</i> , 2021, 15, 18048-18059.	14.6	94
34	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
35	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
36	Advanced microfluidic devices for fabricating multi-structural hydrogel microsphere. <i>Exploration</i> , 2021, 1, .	11.0	35

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37	Botanicalâ€Inspired 4D Printing of Hydrogel at the Microscale. Advanced Functional Materials, 2020, 30, 1907377.	14.9	122
38	Ultralow-Voltage-Driven Smart Control of Diverse Dropâ€™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
39	Femtosecond Laser-Assisted Top-Restricted Self-Growth Re-Entrant Structures on Shape Memory Polymer for Dynamic Pressure Resistance. Langmuir, 2020, 36, 12346-12356.	3.5	7
40	Efficient full-path optical calculation of scalar and vector diffraction using the Bluestein method. Light: Science and Applications, 2020, 9, 119.	16.6	38
41	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
42	Highâ€Performance Unidirectional Manipulation of Microdroplets by Horizontal Vibration on Femtosecond Laserâ€Induced Slant Microwall Arrays. Advanced Materials, 2020, 32, e2005039.	21.0	62
43	Chiral Microstructures: Chiral Assemblies of Laserâ€Printed Micropillars Directed by Asymmetrical Capillary Force (Adv. Mater. 31/2020). Advanced Materials, 2020, 32, 2070236.	21.0	0
44	Three-Dimensional Multifunctional Magnetically Responsive Liquid Manipulator Fabricated by Femtosecond Laser Writing and Soft Transfer. Nano Letters, 2020, 20, 7519-7529.	9.1	50
45	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
46	High Performance Bubble Manipulation on Ferrofluid-Infused Laser-Ablated Microstructured Surfaces. Nano Letters, 2020, 20, 5513-5521.	9.1	63
47	Chiral Assemblies of Laserâ€Printed Micropillars Directed by Asymmetrical Capillary Force. Advanced Materials, 2020, 32, e2002356.	21.0	42
48	Spontaneous and unidirectional transportation of underwater bubbles on superhydrophobic dual rails. Applied Physics Letters, 2020, 116, .	3.3	18
49	Stimuli-Responsive Actuator Fabricated by Dynamic Asymmetric Femtosecond Bessel Beam for <i>In Situ</i> Particle and Cell Manipulation. ACS Nano, 2020, 14, 5233-5242.	14.6	87
50	Unidirectional Transport and Effective Collection of Underwater CO₂ Bubbles Utilizing Ultrafast-Laser-Ablated Janus Foam. ACS Applied Materials & Interfaces, 2020, 12, 18110-18115.	8.0	34
51	In Situ Reversible Tuning from Pinned to Roll-Down Superhydrophobic States on a Thermal-Responsive Shape Memory Polymer by a Silver Nanowire Film. ACS Applied Materials & Interfaces, 2020, 12, 13464-13472.	8.0	55
52	Nanogap Plasmonic Structures Fabricated by Switchable Capillaryâ€Force Driven Selfâ€Assembly for Localized Sensing of Anticancer Medicines with Microfluidic SERS. Advanced Functional Materials, 2020, 30, 1909467.	14.9	91
53	4D Printing: Botanicalâ€Inspired 4D Printing of Hydrogel at the Microscale (Adv. Funct. Mater. 4/2020). Advanced Functional Materials, 2020, 30, 2070026.	14.9	2
54	Bioinspired micro/nanostructured surfaces prepared by femtosecond laser direct writing for multi-functional applications. International Journal of Extreme Manufacturing, 2020, 2, 032002.	12.7	73

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55	Efficient fabrication of a high-aspect-ratio AFM tip by one-step exposure of a long focal depth holographic femtosecond axilens beam. Optics Letters, 2020, 45, 897.	3.3	8
56	Hybrid femtosecond laser fabrication of a size-tunable microtrap chip with a high-trapping retention rate. Optics Letters, 2020, 45, 1071.	3.3	14
57	Amplitude-phase optimized long depth of focus femtosecond axilens beam for single-exposure fabrication of high-aspect-ratio microstructures. Optics Letters, 2020, 45, 2584.	3.3	16
58	Rapid fabrication of high-resolution multi-scale microfluidic devices based on the scanning of patterned femtosecond laser. Optics Letters, 2020, 45, 3929.	3.3	5
59	Self-assembled micropillars fabricated by holographic femtosecond multi-foci beams for in situ trapping of microparticles. Optics Letters, 2020, 45, 4698.	3.3	13
60	Dynamic Airy imaging through high-efficiency broadband phase microelements by femtosecond laser direct writing. Photonics Research, 2020, 8, 875.	7.0	20
61	Remote Photothermal Actuation of Underwater Bubble toward Arbitrary Direction on Planar Slippery Fe ₃ O ₄ -Doped Surfaces. Advanced Functional Materials, 2019, 29, 1904766.	14.9	59
62	Digital flow rate sensor based on isovolumetric droplet discretization effect by a three-supersurface structure. Microfluidics and Nanofluidics, 2019, 23, 1.	2.2	5
63	Reversible Tuning between Isotropic and Anisotropic Sliding by One-Direction Mechanical Stretching on Microgrooved Slippery Surfaces. Langmuir, 2019, 35, 10625-10630.	3.5	31
64	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
65	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
66	Smart Stretchable Janus Membranes with Tunable Collection Rate for Fog Harvesting. Advanced Materials Interfaces, 2019, 6, 1901465.	3.7	34
67	Targeted Single-Cell Therapeutics with Magnetic Tubular Micromotor by One-Step Exposure of Structured Femtosecond Optical Vortices. Advanced Functional Materials, 2019, 29, 1905745.	14.9	54
68	Efficient nonlinear beam shaping in three-dimensional lithium niobate nonlinear photonic crystals. Nature Communications, 2019, 10, 4193.	12.8	114
69	Pitcher plant-bioinspired bubble slippery surface fabricated by femtosecond laser for buoyancy-driven bubble self-transport and efficient gas capture. Nanoscale, 2019, 11, 1370-1378.	5.6	74
70	Multifunctional Janus Microplates Arrays Actuated by Magnetic Fields for Water/Light Switches and Bio-Inspired Assimilatory Coloration. Advanced Materials, 2019, 31, e1807507.	21.0	144
71	Erratum to "Femtosecond Laser Direct Ablating Micro/Nanostructures and Micropatterns on CH ₃ NH ₃ PbI ₃ Single Crystal" [Apr 17 Art. no. 2400110]. IEEE Photonics Journal, 2019, 11, 1-2.	2.0	0
72	Microhole-Arrayed PDMS with Controllable Wettability Gradient by One-Step Femtosecond Laser Drilling for Ultrafast Underwater Bubble Unidirectional Self-Transport. Advanced Materials Interfaces, 2019, 6, 1900297.	3.7	47

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73	Multilayered skyscraper microchips fabricated by hybrid “all-in-one” femtosecond laser processing. Microsystems and Nanoengineering, 2019, 5, 17.	7.0	19
74	Anisotropic Sliding of Underwater Bubbles On Microgrooved Slippery Surfaces by One-Step Femtosecond Laser Scanning. ACS Applied Materials & Interfaces, 2019, 11, 20574-20580.	8.0	43
75	Conical Hollow Microhelices with Superior Swimming Capabilities for Targeted Cargo Delivery. Advanced Materials, 2019, 31, e1808226.	21.0	89
76	Channel-controlled Janus membrane fabricated by simultaneous laser ablation and nanoparticles deposition for underwater bubbles manipulation. Applied Physics Letters, 2019, 114, .	3.3	17
77	<i>In Situ</i> Reversible Control between Sliding and Pinning for Diverse Liquids under Ultra-Low Voltage. ACS Nano, 2019, 13, 5742-5752.	14.6	73
78	Femtosecond Mathieu Beams for Rapid Controllable Fabrication of Complex Microcages and Application in Trapping Microobjects. ACS Nano, 2019, 13, 4667-4676.	14.6	63
79	Large area metal micro-/nano-groove arrays with both structural color and anisotropic wetting fabricated by one-step focused laser interference lithography. Nanoscale, 2019, 11, 4803-4810.	5.6	63
80	Tunable microfluidic device fabricated by femtosecond structured light for particle and cell manipulation. Lab on A Chip, 2019, 19, 3988-3996.	6.0	14
81	Holographic femtosecond laser integration of microtube arrays inside a hollow needle as a lab-in-a-needle device. Optics Letters, 2019, 44, 5073.	3.3	12
82	Fabricating Nanogap for SERS by Combing Laser Printing with Capillary-Force Self-Assembly on Soft Base. , 2019, , .		1
83	Integration of functional microstructures inside a microfluidic chip by direct femtosecond laser writing. , 2019, , .		0
84	All-Glass 3D Optofluidic Microchip with Built-in Tunable Microlens Fabricated by Femtosecond Laser-Assisted Etching. Advanced Optical Materials, 2018, 6, 1701299.	7.3	61
85	Switchable Underwater Bubble Wettability on Laser-Induced Titanium Multiscale Micro-/Nanostructures by Vertically Crossed Scanning. ACS Applied Materials & Interfaces, 2018, 10, 16867-16873.	8.0	65
86	Pillar-Assisted Construction of a Three-Dimensional Framework from a Two-Dimensional Bilayer Based on a Zn/Cd Heterometal Cluster: Pore Tuning and Gas Adsorption. Crystal Growth and Design, 2018, 18, 1826-1833.	3.0	6
87	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
88	<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
89	Unidirectional self-transport of air bubble via a Janus membrane in aqueous environment. Applied Physics Letters, 2018, 113, .	3.3	32
90	Capillary-assisted localized crystallization on discrete micropillar rings. Applied Physics Letters, 2018, 113, .	3.3	4

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91	Mechanical-Tunable Capillary-Force-Driven Self-Assembled Hierarchical Structures on Soft Substrate. ACS Nano, 2018, 12, 10142-10150.	14.6	29
92	Localized Self-Growth of Reconfigurable Architectures Induced by a Femtosecond Laser on a Shape-Memory Polymer. Advanced Materials, 2018, 30, e1803072.	21.0	55
93	Microtubes with Complex Cross Section Fabricated by C-Shaped Bessel Laser Beam for Mimicking Stomata That Opens and Closes Rapidly. ACS Applied Materials & Interfaces, 2018, 10, 36369-36376.	8.0	17
94	3D Biomimetic Chips for Cancer Cell Migration in Nanometer-Sized Spaces Using "Ship-in-a-Bottle" Femtosecond Laser Processing. ACS Applied Bio Materials, 2018, 1, 1667-1676.	4.6	15
95	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
96	Experimental demonstration of a three-dimensional lithium niobate nonlinear photonic crystal. Nature Photonics, 2018, 12, 596-600.	31.4	224
97	High-aspect-ratio microtubes with variable diameter and uniform wall thickness by compressing Bessel hologram phase depth. Optics Letters, 2018, 43, 3514.	3.3	18
98	Multifunctional oil-water and immiscible organic liquid separation by micropore arrayed Ti foil. Applied Surface Science, 2018, 455, 221-226.	6.1	12
99	Flexible and rapid fabrication of silver microheaters with spatial-modulated multifoci by femtosecond laser multiphoton reduction. Optics Letters, 2018, 43, 5335.	3.3	10
100	High-quality microhole arrays by water-assisted femtosecond laser perforating for improved particle sorting. Optical Engineering, 2018, 57, 1.	1.0	0
101	Micro and nano-biomimetic structures for cell migration study fabricated by hybrid subtractive and additive 3D femtosecond laser processing. Proceedings of SPIE, 2017, , .	0.8	3
102	Biomimetic surfaces with anisotropic sliding wetting by energy-modulation femtosecond laser-irradiation for enhanced water collection. RSC Advances, 2017, 7, 11170-11179.	3.6	63
103	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
104	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
105	Three-level cobblestone-like TiO ₂ micro/nanocones for dual-responsive water/oil reversible wetting without fluorination. Applied Physics Letters, 2017, 111, .	3.3	18
106	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
107	Three-dimensional chiral microstructures fabricated by structured optical vortices in isotropic material. Light: Science and Applications, 2017, 6, e17011-e17011.	16.6	201
108	A Janus oil barrel with tapered microhole arrays for spontaneous high-flux spilled oil absorption and storage. Nanoscale, 2017, 9, 15796-15803.	5.6	57

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109	Dimensional-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
110	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
111	Optical superimposed vortex beams generated by integrated holographic plates with blazed grating. <i>Applied Physics Letters</i> , 2017, 111, 061901.	3.3	8
112	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
113	Ultrafast Laser Fabrication of Functional Biochips: New Avenues for Exploring 3D Micro- and Nano-Environments. <i>Micromachines</i> , 2017, 8, 40.	2.9	18
114	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
115	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
116	Continuous cubic phase microplates for generating high-quality Airy beams with strong deflection. <i>Optics Letters</i> , 2017, 42, 2483.	3.3	18
117	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
118	Direct laser writing of complex microtubes using femtosecond vortex beams. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	40
119	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
120	Highly uniform parallel microfabrication using a large numerical aperture system. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	9
121	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
122	Direct cellular organization with ring-shaped composite polymers and glass substrates for urethral sphincter tissue engineering. <i>Journal of Materials Chemistry B</i> , 2016, 4, 3998-4008.	5.8	5
123	Systematic shape evolution of Co ₃ O ₄ nanocrystals from octahedra to spheres under the influence of C ₂ O ₄ ²⁻ and PVP. <i>CrystEngComm</i> , 2016, 18, 9299-9306.	2.6	12
124	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
125	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
126	Multifunctional ultrathin aluminum foil: oil/water separation and particle filtration. <i>Journal of Materials Chemistry A</i> , 2016, 4, 18832-18840.	10.3	92

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127	Synthesis and catalytic property of facet-controlled Co ₃ O ₄ structures enclosed by (111) and (113) facets. CrystEngComm, 2016, 18, 5456-5462.	2.6	16
128	Single-exposure multiphoton fabrication of polygonized structures by an SLM-modulated Fresnel zone lens. Optical Engineering, 2016, 55, 035102.	1.0	3
129	Laser printing hierarchical structures with the aid of controlled capillary-driven self-assembly. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6876-6881.	7.1	87
130	In-channel integration of designable microoptical devices using flat scaffold-supported femtosecond-laser microfabrication for coupling-free optofluidic cell counting. Light: Science and Applications, 2015, 4, e228-e228.	16.6	107
131	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. Lab on A Chip, 2015, 15, 1515-1523.	6.0	64
132	Restructuring of Co ₃ O ₄ particles from polycrystalline microspheres to single-crystalline polyhedra under the assistance of acetic acid. CrystEngComm, 2015, 17, 1848-1855.	2.6	6
133	Fish scale inspired design of underwater superoleophobic microcone arrays by sucrose solution assisted femtosecond laser irradiation for multifunctional liquid manipulation. Journal of Materials Chemistry A, 2015, 3, 18675-18683.	10.3	84
134	Ship-in-a-bottle integration by hybrid femtosecond laser technology for fabrication of true 3D biochips. , 2015, , .		4
135	Vertical sidewall electrodes monolithically integrated into 3D glass microfluidic chips using water-assisted femtosecond-laser fabrication for in situ control of electrotaxis. RSC Advances, 2015, 5, 24072-24080.	3.6	93
136	Capillary Force Driven Self-Assembly of Anisotropic Hierarchical Structures Prepared by Femtosecond Laser 3D Printing and Their Applications in Crystallizing Microparticles. ACS Nano, 2015, 9, 12060-12069.	14.6	47
137	Hybrid Subtractive and Additive Micromanufacturing using Femtosecond Laser for Fabrication of True 3D Biochips. , 2015, , .		0
138	Large-Area One-Step Assembly of Three-Dimensional Porous Metal Micro/Nanocages by Ethanol-Assisted Femtosecond Laser Irradiation for Enhanced Antireflection and Hydrophobicity. ACS Applied Materials & Interfaces, 2015, 7, 383-390.	8.0	55
139	Single-crystalline dodecahedral \pm -Fe ₂ O ₃ particles with nanometer size: synthesis and characterization. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	3
140	An improved multi-exposure approach for high quality holographic femtosecond laser patterning. Applied Physics Letters, 2014, 105, .	3.3	28
141	Hybrid femtosecond laser microfabrication to achieve true 3D glass/polymer composite biochips with multiscale features and high performance: the concept of shipâ€inâ€a bottle biochip. Laser and Photonics Reviews, 2014, 8, 458-467.	8.7	126
142	Femtosecond laser 3D micromachining: a powerful tool for the fabrication of microfluidic, optofluidic, and electrofluidic devices based on glass. Lab on A Chip, 2014, 14, 3447-3458.	6.0	190
143	Bioinspired Fabrication of Highâ€Quality 3D Artificial Compound Eyes by Voxelâ€Modulation Femtosecond Laser Writing for Distortionâ€Free Wideâ€Fieldâ€ofâ€View Imaging. Advanced Optical Materials, 2014, 2, 751-758.	7.3	134
144	Feasibility and mechanism of p-nitrophenol decomposition in aqueous dispersions of ferrihydrite and H ₂ O ₂ under irradiation. Reaction Kinetics, Mechanisms and Catalysis, 2013, 110, 87-99.	1.7	19

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145	Mechanical stretch for tunable wetting from topological PDMS film. <i>Soft Matter</i> , 2013, 9, 4236.	2.7	36
146	Electrofluidics fabricated by space-selective metallization in glass microfluidic structures using femtosecond laser direct writing. <i>Lab on A Chip</i> , 2013, 13, 4608.	6.0	103
147	Hexagonal γ -Fe ₂ O ₃ nanorods bound by high-index facets as high-performance electrochemical sensor. <i>Journal of Materials Chemistry A</i> , 2013, 1, 3040.	10.3	36
148	Fast production of γ -Ni(OH) ₂ nanostructures with (001) and (100) plane exposure and their electrochemical properties. <i>Journal of Materials Chemistry A</i> , 2013, 1, 5695.	10.3	26
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