

Hong-Bo Sun

List of Publications by Year in descending order

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Version: 2024-02-01

625
papers

31,116
citations

4120

87
h-index

9073

144
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635
all docs

635
docs citations

635
times ranked

26018
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser-induced color centers in crystals. <i>Optics and Laser Technology</i> , 2022, 146, 107527.	2.2	14
2	Heterogeneous self-healing assembly of MXene and graphene oxide enables producing free-standing and self-reparable soft electronics and robots. <i>Science Bulletin</i> , 2022, 67, 501-511.	4.3	25
3	Laser Writing of Color Centers. <i>Laser and Photonics Reviews</i> , 2022, 16, .	4.4	23
4	Narrow-linewidth diamond single-photon sources prepared via femtosecond laser. <i>Applied Physics Letters</i> , 2022, 120, .	1.5	7
5	High-performance strain sensor for detection of human motion and subtle strain by facile fabrication. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022, 189, 110658.	2.5	15
6	Highly polarized emission from organic single-crystal light-emitting devices with a polarization ratio of 176. <i>Optica</i> , 2022, 9, 121.	4.8	13
7	High-resolution <i>in situ</i> patterning of perovskite quantum dots <i>via</i> femtosecond laser direct writing. <i>Nanoscale</i> , 2022, 14, 1174-1178.	2.8	11
8	Biomimetic sapphire windows enabled by inside-out femtosecond laser deep-scribing. <i>Photonix</i> , 2022, 3, .	5.5	75
9	Polarization-dependent Bloch oscillations in optical waveguides. <i>Optics Letters</i> , 2022, 47, 617.	1.7	5
10	High-quality rapid laser drilling of transparent hard materials. <i>Optics Letters</i> , 2022, 47, 921.	1.7	12
11	Parallel-Integrated Sapphire Fiber Bragg Gratings Probe Sensor for High Temperature Sensing. <i>IEEE Sensors Journal</i> , 2022, 22, 5703-5708.	2.4	9
12	Ultrafast modulation of valley dynamics in multiple WS ₂ /Ag gratings strong coupling system. <i>Photonix</i> , 2022, 3, .	5.5	15
13	Stretchable Organic Light-Emitting Devices with Invisible Orderly Wrinkles by using a Transfer-Free Technique. <i>Advanced Materials Technologies</i> , 2022, 7, .	3.0	5
14	Mechanically and operationally stable flexible inverted perovskite solar cells with 20.32% efficiency by a simple oligomer cross-linking method. <i>Science Bulletin</i> , 2022, 67, 794-802.	4.3	13
15	Smart Diffraction Gratings Based on the Shape Memory Effect. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2100863.	2.0	4
16	Non-Abelian braiding on photonic chips. <i>Nature Photonics</i> , 2022, 16, 390-395.	15.6	58
17	Light-Directed Assembly of Colloidal Matter. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	10
18	Free-Form Micro-Optics Out of Crystals: Femtosecond Laser 3D Sculpturing. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	19

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19	Exceptional point protected robust on-chip optical logic gates. <i>Exploration</i> , 2022, 2, .	5.4	4
20	A sustainable, continuously expandable, wearable breath moisture-induced electricity generator. <i>Carbon</i> , 2022, 194, 104-113.	5.4	7
21	Reprogrammable Soft Robot Actuation by Synergistic Magnetic and Light Fields. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	31
22	Direct Observation of Room-Temperature Intravalley Coherent Coupling Processes in Monolayer MoS ₂ . <i>Laser and Photonics Reviews</i> , 2022, 16, .	4.4	11
23	Broad-Bandwidth Micro-Diffractive Optical Elements. <i>Laser and Photonics Reviews</i> , 2022, 16, .	4.4	10
24	Multi-wavelength metamaterial absorber for retrieving complex refractive index of thin-film materials at infrared regimes. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022, 195, 111167.	2.5	1
25	Curved Photodetectors Based on Perovskite Microwire Arrays via In Situ Conformal Nanoimprinting. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	18
26	Efficient carrier multiplication and extraction in aqueous-processed giant CdTe-CdS nanocrystal bulk heterostructures. <i>Optical Materials Express</i> , 2022, 12, 2240.	1.6	0
27	Integratable photodetectors based on photopolymerized conductive polymer via femtosecond laser direct writing. <i>Optics Letters</i> , 2022, 47, 2630.	1.7	4
28	Multicoating Nanoarchitectonics for Facile Preparation of Multi-Responsive Paper Actuators. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 27242-27250.	4.0	6
29	Spin-Valley Depolarization in van der Waals Heterostructures. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 5501-5507.	2.1	4
30	High-Resolution Patterning of 2D Perovskite Films through Femtosecond Laser Direct Writing. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	24
31	Laser-Induced Graphene Tapes as Origami and Stick-On Labels for Photothermal Manipulation via Marangoni Effect. <i>Advanced Functional Materials</i> , 2021, 31, .	7.8	78
32	Polarization Independent Quantum Devices With Ultra-Low Birefringence Glass Waveguides. <i>Journal of Lightwave Technology</i> , 2021, 39, 1451-1457.	2.7	10
33	Capillary Force-Induced Printing of Stretchable and Mechanically Stable Silver Nanowire Electrodes With Highly Ordered Alignment For Ultra-Flexible Organic Light-Emitting Devices. <i>IEEE Nanotechnology Magazine</i> , 2021, 20, 99-103.	1.1	5
34	Recent progress in post treatment of silver nanowire electrodes for optoelectronic device applications. <i>Nanoscale</i> , 2021, 13, 12423-12437.	2.8	18
35	Circular cross section waveguides processed by multi-foci-shaped femtosecond pulses. <i>Optics Letters</i> , 2021, 46, 520.	1.7	10
36	Toward High Efficiency Organic Light-Emitting Diodes: Role of Nanoparticles. <i>Advanced Optical Materials</i> , 2021, 9, 2001710.	3.6	13

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37	Observation of robust charge transfer under strain engineering in two-dimensional MoS ₂ -WSe ₂ heterostructures. <i>Nanoscale</i> , 2021, 13, 14081-14088.	2.8	11
38	Trion dynamics and charge photogeneration in MoS ₂ nanosheets prepared by liquid phase exfoliation. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 22430-22436.	1.3	2
39	Many-particle induced band renormalization processes in few- and mono-layer MoS ₂ . <i>Nanotechnology</i> , 2021, 32, 135208.	1.3	10
40	Light-Driven Magnetic Encoding for Hybrid Magnetic Micromachines. <i>Nano Letters</i> , 2021, 21, 1628-1635.	4.5	17
41	Enhanced Efficiency and Mechanical Robustness of Flexible Perovskite Solar Cells by Using HPbI ₃ Additive. <i>Solar Rrl</i> , 2021, 5, 2000821.	3.1	29
42	Opto-Thermophoretic Manipulation. <i>ACS Nano</i> , 2021, 15, 5925-5943.	7.3	59
43	Momentum space toroidal moment in a photonic metamaterial. <i>Nature Communications</i> , 2021, 12, 1784.	5.8	16
44	Bioinspired Soft Robots Based on the Moisture-Responsive Graphene Oxide. <i>Advanced Science</i> , 2021, 8, 2002464.	5.6	70
45	High-Throughput Screening for Phase-Change Memory Materials. <i>Advanced Functional Materials</i> , 2021, 31, 2009803.	7.8	43
46	Enhanced performance of white organic light-emitting devices based on ambipolar white organic single crystals. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	1
47	Near-field nonlinear imaging of an anapole mode beyond diffraction limit. <i>Optics Letters</i> , 2021, 46, 2095.	1.7	2
48	Vector scanning subtractive manufacturing technology for laser rapid fabrication. <i>Optics Letters</i> , 2021, 46, 1963.	1.7	8
49	Controllable molecular doping in organic single crystals toward high-efficiency light-emitting devices. <i>Organic Electronics</i> , 2021, 91, 106089.	1.4	7
50	Nonlinear meta-optics towards applications. <i>PhotonIX</i> , 2021, 2, .	5.5	46
51	Femtosecond laser inscribed chirped fiber Bragg gratings. <i>Optics Letters</i> , 2021, 46, 2059.	1.7	12
52	Two-Photon Polymerization Nanomanufacturing Based on the Definition-“Reinforcement”-Solidification (DRS) Strategy. <i>Journal of Lightwave Technology</i> , 2021, 39, 2091-2098.	2.7	8
53	A Wearable Sustainable Moisture-Induced Electricity Generator Based on rGO/GO/rGO Sandwich-Like Structural Film. <i>Advanced Electronic Materials</i> , 2021, 7, 2100222.	2.6	14
54	Directional Droplet Transport on Functional Surfaces with Superwettabilities. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100043.	1.9	41

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55	Optical FIB: Far-field fabrication with real-nanoscale spatial resolution in any solid materials. , 2021, , .		0
56	Electronic structure evolution and exciton energy shifting dynamics in WSe_2 : from monolayer to bulk. Journal Physics D: Applied Physics, 2021, 54, 354002.	1.3	4
57	Sub-bandgap absorption and photo-response of molybdenum heavily doped black silicon fabricated by a femtosecond laser. Optics Letters, 2021, 46, 3300.	1.7	18
58	Linked Weyl surfaces and Weyl arcs in photonic metamaterials. Science, 2021, 373, 572-576.	6.0	36
59	Highly Deformable High-Performance Paper-Based Perovskite Photodetector with Improved Stability. ACS Applied Materials & Interfaces, 2021, 13, 31919-31927.	4.0	31
60	Wear-Resistant Blazed Gratings Fabricated by Etching-Assisted Femtosecond Laser Lithography. Journal of Lightwave Technology, 2021, 39, 4690-4694.	2.7	4
61	Reconfigurable meta-radiator based on flexible mechanically controlled current distribution in three-dimensional space. Optics Letters, 2021, 46, 3633.	1.7	0
62	Modulation Doping: A Strategy for 2D Materials Electronics. Nano Letters, 2021, 21, 6298-6303.	4.5	48
63	Laser digital manufacturing of high-performance photodetectors based on a semiconductor microwire. Optics Letters, 2021, 46, 3472.	1.7	2
64	Photopolymerization strategy for the preparation of small-diameter artificial blood vessels with micro-nano structures on the inner wall. Biomedical Optics Express, 2021, 12, 5844.	1.5	2
65	Laser fabrication of modular superhydrophobic chips for reconfigurable assembly and self-propelled droplet manipulation. Photonix, 2021, 2, .	5.5	28
66	Femtosecond transient absorption spectroscopic study on the electronic structures of graphene oxides, graphene oxide nanoribbons and graphene quantum dots. Optical Materials Express, 2021, 11, 3486.	1.6	2
67	Femtosecond laser inscribed helical sapphire fiber Bragg gratings. Optics Letters, 2021, 46, 4836.	1.7	11
68	Probing and Imaging Photonic Spin-Orbit Interactions in Nanostructures. Laser and Photonics Reviews, 2021, 15, 2100011.	4.4	12
69	Resetting directional couplers for high-fidelity quantum photonic integrated chips. Optics Letters, 2021, 46, 5181.	1.7	4
70	Deep diamond single-photon sources prepared by a femtosecond laser. Optics Letters, 2021, 46, 4386.	1.7	3
71	Omnidirectional light absorption enhancement of perovskite solar cells by an antireflection film with holographic lithography microstructures. Optics Letters, 2021, 46, 4781.	1.7	2
72	Electro-responsive actuators based on graphene. Innovation(China), 2021, 2, 100168.	5.2	26

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73	Mexican-hat potential energy surface in two-dimensional III2-VI3 materials and the importance of entropy barrier in ultrafast reversible ferroelectric phase change. Applied Physics Reviews, 2021, 8, .	5.5	13
74	Ultrafast laser-inscribed nanogratings in sapphire for geometric phase elements. Optics Letters, 2021, 46, 536.	1.7	22
75	Observation of quantum-confined exciton states in monolayer WS ₂ quantum dots by ultrafast spectroscopy. Nanoscale, 2021, 13, 17093-17100.	2.8	7
76	Sub-Bandgap Photo-Response of Chromium Hyperdoped Black Silicon Photodetector Fabricated by Femtosecond Laser Pulses. IEEE Sensors Journal, 2021, 21, 25695-25702.	2.4	14
77	Green nanoarchitectonics with PEDOT:PSS-gelatin composite for moisture-responsive actuator and generator. Smart Materials and Structures, 2021, 30, 125014.	1.8	7
78	General Rules Governing the Dynamical Encircling of an Arbitrary Number of Exceptional Points. Physical Review Letters, 2021, 127, 253901.	2.9	27
79	Highly transparent and flexible fabric-based organic light emitting devices for unnoticeable wearable displays. Organic Electronics, 2020, 76, 105494.	1.4	42
80	A Yin-Yang-complementarity strategy for design and fabrication of dual-responsive bimorph actuators. Nano Energy, 2020, 68, 104302.	8.2	59
81	Roller-Assisted Adhesion Imprinting for High-Throughput Manufacturing of Wearable and Stretchable Organic Light-Emitting Devices. Advanced Optical Materials, 2020, 8, 1901525.	3.6	20
82	Reconfigurable Slotted Antenna Inspired by Multidimensional Modulation. , 2020, , .		0
83	Cross-wavelength invisibility integrated with various invisibility tactics. Science Advances, 2020, 6, .	4.7	29
84	Plasmonic ultrathin metal grid electrode induced optical outcoupling enhancement in flexible organic light-emitting device. Organic Electronics, 2020, 87, 105960.	1.4	9
85	Solar-energy camouflage coating with varying sheet resistance. Nano Energy, 2020, 77, 105095.	8.2	15
86	Axially controllable multiple orbital angular momentum beam generator. Applied Physics Letters, 2020, 117, .	1.5	8
87	Active Surface with Dynamic Microstructures and Hierarchical Gradient Enabled by in situ Pneumatic Control. Micromachines, 2020, 11, 992.	1.4	2
88	Room-temperature fabrication of SiC microwire photodetectors on rigid and flexible substrates via femtosecond laser direct writing. Nanoscale, 2020, 12, 23200-23205.	2.8	18
89	Symmetry-Selective Generation of Ultracompact Optical Vortices in Nanoapertures without Chirality. Small Structures, 2020, 1, 2000008.	6.9	3
90	Ingenious humidity-powered micro-worm with asymmetric biped from single hydrogel. Sensors and Actuators B: Chemical, 2020, 322, 128620.	4.0	15

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91	Bioinspired Superhydrophobic Surfaces via Laser-Structuring. <i>Frontiers in Chemistry</i> , 2020, 8, 835.	1.8	26
92	Layer-Dependent Electron Transfer and Recombination Processes in MoS ₂ /WSe ₂ Multilayer Heterostructures. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 9649-9655.	2.1	15
93	Vortical Reflection and Spiraling Fermi Arcs with Weyl Metamaterials. <i>Physical Review Letters</i> , 2020, 125, 093904.	2.9	26
94	Well-Balanced Ambipolar Organic Single Crystals toward Highly Efficient Light-Emitting Devices. <i>Advanced Functional Materials</i> , 2020, 30, 2002422.	7.8	22
95	Femtosecond laser programmed artificial musculoskeletal systems. <i>Nature Communications</i> , 2020, 11, 4536.	5.8	117
96	Shape-Designable and Size-Tunable Organic-Inorganic Hybrid Perovskite Micro-Ring Resonator Arrays. <i>Advanced Materials Technologies</i> , 2020, 5, 2000051.	3.0	7
97	Controllably fabricated single microwires from Pd-WO ₃ ·xH ₂ O nanoparticles by femtosecond laser for faster response ammonia sensors at room temperature. <i>Sensors and Actuators B: Chemical</i> , 2020, 316, 128122.	4.0	10
98	Airflow Enhanced Solar Evaporation Based on Janus Graphene Membranes with Stable Interfacial Floatability. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 25435-25443.	4.0	93
99	Perovskite Single-Crystal Microwire Array Photodetectors with Performance Stability beyond 1 Year. <i>Advanced Materials</i> , 2020, 32, e2001998.	11.1	130
100	Laser Fabrication of Bioinspired Graphene Surfaces With Superwettability. <i>Frontiers in Chemistry</i> , 2020, 8, 525.	1.8	10
101	Microsensor Based on Gold Nanoparticles for Fast and Sensitive Ortho-Xylene Detection. <i>IEEE Sensors Journal</i> , 2020, 20, 12552-12557.	2.4	6
102	Multi-field-coupling energy conversion for flexible manipulation of graphene-based soft robots. <i>Nano Energy</i> , 2020, 71, 104578.	8.2	44
103	Programmable deformation of patterned bimorph actuator swarm. <i>National Science Review</i> , 2020, 7, 775-785.	4.6	50
104	Transient Depolarization Spectroscopic Study on Electronic Structure and Fluorescence Origin of Graphene Oxide. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 1483-1489.	2.1	5
105	Highly Flexible Fabric-Based Organic Light-Emitting Devices for Conformal Wearable Displays. <i>Advanced Materials Technologies</i> , 2020, 5, 1900942.	3.0	20
106	In microchannel driven micromotor by microfluid liquid as potential multi-functional devices towards lab on a chip. <i>Optik</i> , 2020, 206, 164312.	1.4	3
107	Ultrafast laser-induced black silicon, from micro-nanostructuring, infrared absorption mechanism, to high performance detecting devices. <i>Materials Today Nano</i> , 2020, 11, 100078.	2.3	25
108	O-FIB: far-field-induced near-field breakdown for direct nanowriting in an atmospheric environment. <i>Light: Science and Applications</i> , 2020, 9, 41.	7.7	113

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109	Time-dependent density-functional theory molecular-dynamics study on amorphization of Sc-Sb-Te alloy under optical excitation. Npj Computational Materials, 2020, 6, .	3.5	32
110	Stretchable Textiles with Superwettabilities for Tunable Oil-Water Separation. ChemNanoMat, 2020, 6, 1111-1118.	1.5	6
111	Fluorescent chemo-sensors based on "œdually smart" optical micro/nano-waveguides lithographically fabricated with AIE composite resins. Materials Horizons, 2020, 7, 1782-1789.	6.4	19
112	Fast-response humidity sensor based on laser printing for respiration monitoring. RSC Advances, 2020, 10, 8910-8916.	1.7	37
113	PFSA-passivated silver nanowire transparent electrodes for highly flexible organic-light-emitting devices with improved stability. Organic Electronics, 2020, 84, 105727.	1.4	10
114	Convex silica microlens arrays via femtosecond laser writing. Optics Letters, 2020, 45, 636.	1.7	31
115	Long focusing range and self-healing Bessel vortex beam generator. Optics Letters, 2020, 45, 2580.	1.7	10
116	Diamond optical vortex generator processed by ultraviolet femtosecond laser. Optics Letters, 2020, 45, 2684.	1.7	8
117	Improved performance of pure red perovskite light-emitting devices based on CsPb(Br _{1-x} I _x) ₃ with variable content of iodine and bromine. Optics Letters, 2020, 45, 2724.	1.7	2
118	Enhanced efficiency of organic light-emitting devices by using a directly imprinted nanopillared ultrathin metallic electrode. Optics Letters, 2020, 45, 4879.	1.7	6
119	Improved light extraction in all-inorganic perovskite light-emitting devices with periodic nanostructures by nanoimprinting lithography. Optics Letters, 2020, 45, 5156.	1.7	8
120	Laser fabrication of graphene-based supercapacitors. Photonics Research, 2020, 8, 577.	3.4	35
121	Bi-channel near- and far-field optical vortex generator based on a single plasmonic metasurface. Photonics Research, 2020, 8, 986.	3.4	19
122	Plasmon-enhanced organic and perovskite solar cells with metal nanoparticles. Nanophotonics, 2020, 9, 3111-3133.	2.9	52
123	Highly transparent and conductive metal oxide/metal/polymer composite electrodes for high-efficiency flexible organic light-emitting devices. Nanophotonics, 2020, 9, 3567-3573.	2.9	8
124	Long focusing range and self-healing Bessel vortex beam generator: publisher's note. Optics Letters, 2020, 45, 3058.	1.7	0
125	Design of a non-Hermitian on-chip mode converter using phase change materials. Optics Letters, 2020, 45, 4630.	1.7	8
126	Evaluation of Charged Defect Energy in Two-Dimensional Semiconductors for Nanoelectronics: The WLZ Extrapolation Method. Annalen Der Physik, 2020, 532, 1900318.	0.9	4

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127	Perovskite Quantum Dots Based Light-Emitting Diodes. Springer Series in Materials Science, 2020, , 107-138.	0.4	0
128	UVâ€“NIR femtosecond laser hybrid lithography for efficient printing of complex on-chip waveguides. Optics Letters, 2020, 45, 1862.	1.7	6
129	Plasmonicâ€“Assisted Graphene Oxide Artificial Muscles. Advanced Materials, 2019, 31, e1806386.	11.1	134
130	Thermally-induced wrinkles on PH1000/graphene composite electrode for enhanced efficiency of organic solar cells. Solar Energy Materials and Solar Cells, 2019, 201, 110075.	3.0	11
131	Actuators: Quantum-Confined-Superfluidics-Enabled Moisture Actuation Based on Unilaterally Structured Graphene Oxide Papers (Adv. Mater. 32/2019). Advanced Materials, 2019, 31, 1970231.	11.1	6
132	Light-Responsive Actuators Based on Graphene. Frontiers in Chemistry, 2019, 7, 506.	1.8	21
133	Smart Compound Eyes Enable Tunable Imaging. Advanced Functional Materials, 2019, 29, 1903340.	7.8	66
134	Highly Flexible and Mechanically Robust Ultrathin Au Grid as Electrodes for Flexible Organic Light-Emitting Devices. IEEE Nanotechnology Magazine, 2019, 18, 776-780.	1.1	5
135	Highly Sensitive Directional Torsion Sensor Based on a Helical Panda Fiber Taper. IEEE Photonics Technology Letters, 2019, 31, 1009-1012.	1.3	21
136	Robust Remote Sensing of Traceâ€“Level Heavyâ€“Metal Contaminants in Water Using Laser Filaments. Global Challenges, 2019, 3, 1800070.	1.8	4
137	Femtosecond laser fabrication of 3D templates for mass production of artificial compound eyes. Nami Jishu Yu Jingmi Gongcheng/Nanotechnology and Precision Engineering, 2019, 2, 110-117.	1.7	20
138	Organic Singleâ€“Crystalline Semiconductors for Lightâ€“Emitting Applications: Recent Advances and Developments. Laser and Photonics Reviews, 2019, 13, 1900009.	4.4	41
139	Femtosecond Laser Inscribed Sapphire Fiber Bragg Grating for High Temperature and Strain Sensing. IEEE Nanotechnology Magazine, 2019, 18, 208-211.	1.1	43
140	Directly Imprinted Periodic Corrugation on Ultrathin Metallic Electrode for Enhanced Light Extraction in Organic Light-Emitting Devices. IEEE Nanotechnology Magazine, 2019, 18, 1057-1062.	1.1	8
141	Ultrafast Spectroscopic Study of Insulatorâ€“Semiconductorâ€“Semimetal Transitions in Graphene Oxide and Its Reduced Derivatives. Journal of Physical Chemistry C, 2019, 123, 22550-22555.	1.5	15
142	Sapphire Concave Microlens Arrays for High-Fluence Pulsed Laser Homogenization. IEEE Photonics Technology Letters, 2019, 31, 1615-1618.	1.3	21
143	Gradient Assembly of Polymer Nanospheres and Graphene Oxide Sheets for Dual-Responsive Soft Actuators. ACS Applied Materials & Interfaces, 2019, 11, 37130-37138.	4.0	32
144	Template-confined growth of Ruddlesdenâ€“Popper perovskite micro-wire arrays for stable polarized photodetectors. Nanoscale, 2019, 11, 18272-18281.	2.8	36

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145	Versatile Electronic Skins with Biomimetic Micronanostructures Fabricated Using Natural Reed Leaves as Templates. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 38084-38091.	4.0	50
146	Laser-Inscribed Stress-Induced Birefringence of Sapphire. <i>Nanomaterials</i> , 2019, 9, 1414.	1.9	13
147	Perovskite quantum dots for light-emitting devices. <i>Nanoscale</i> , 2019, 11, 19119-19139.	2.8	97
148	Stretchable Organometal Halide Perovskite Quantum Dot Light-Emitting Diodes. <i>Advanced Materials</i> , 2019, 31, e1807516.	11.1	79
149	Dual-3D Femtosecond Laser Nanofabrication Enables Dynamic Actuation. <i>ACS Nano</i> , 2019, 13, 4041-4048.	7.3	90
150	Graphene as a Transparent and Conductive Electrode for Organic Optoelectronic Devices. <i>Advanced Electronic Materials</i> , 2019, 5, 1900247.	2.6	40
151	Quantum-Confined Superfluidics-Enabled Moisture Actuation Based on Unilaterally Structured Graphene Oxide Papers. <i>Advanced Materials</i> , 2019, 31, e1901585.	11.1	78
152	High-Efficiency Spiral Zone Plates in Sapphire. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 979-982.	1.3	9
153	On-Chip Polarization Rotators. <i>Advanced Optical Materials</i> , 2019, 7, 1900129.	3.6	18
154	Rapid Engraving of Artificial Compound Eyes from Curved Sapphire Substrate. <i>Advanced Functional Materials</i> , 2019, 29, 1900037.	7.8	60
155	Direct laser writing of flexible planar supercapacitors based on GO and black phosphorus quantum dot nanocomposites. <i>Nanoscale</i> , 2019, 11, 9133-9140.	2.8	41
156	Optical Nanofabrication of Concave Microlens Arrays. <i>Laser and Photonics Reviews</i> , 2019, 13, 1800272.	4.4	65
157	A complementary strategy for producing moisture and alkane dual-responsive actuators based on graphene oxide and PDMS bimorph. <i>Sensors and Actuators B: Chemical</i> , 2019, 290, 133-139.	4.0	35
158	Gold nanoparticle densely packed micro/nanowire-based pressure sensors for human motion monitoring and physiological signal detection. <i>Nanoscale</i> , 2019, 11, 4925-4932.	2.8	37
159	Nacre-inspired moisture-responsive graphene actuators with robustness and self-healing properties. <i>Nanoscale</i> , 2019, 11, 20614-20619.	2.8	26
160	Surface nanostructuring via femtosecond lasers. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 24262-24268.	1.3	12
161	Kraft Mesh Origami for Efficient Oil-Water Separation. <i>Langmuir</i> , 2019, 35, 815-823.	1.6	13
162	Ultrathin Metal Films as the Transparent Electrode in ITO-Free Organic Optoelectronic Devices. <i>Advanced Optical Materials</i> , 2019, 7, 1800778.	3.6	133

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163	Laser-Structured Graphene/Reduced Graphene Oxide Films towards Bio-Inspired Superhydrophobic Surfaces. Bulletin of the Chemical Society of Japan, 2019, 92, 283-289.	2.0	36
164	Centimeter-Sized Aplanatic Hybrid Diffractive-Refractive Lens. IEEE Photonics Technology Letters, 2019, 31, 3-6.	1.3	4
165	Tunable Metasurfaces Based on Active Materials. Advanced Functional Materials, 2019, 29, 1806692.	7.8	161
166	Recent Developments in Flexible Organic Light-Emitting Devices. Advanced Materials Technologies, 2019, 4, 1800371.	3.0	104
167	Flexible and transparent supercapacitor based on ultrathin Au/graphene composite electrodes. Applied Surface Science, 2019, 467-468, 104-111.	3.1	54
168	Femtosecond Laser Nano-Fabrication With Extended Processing Range. IEEE Photonics Technology Letters, 2019, 31, 133-136.	1.3	6
169	High-Color-Rendering and High-Efficiency White Organic Light-Emitting Devices Based on Double-Doped Organic Single Crystals. Advanced Functional Materials, 2019, 29, 1807606.	7.8	42
170	Laser fabrication of graphene-based electrothermal actuators enabling predicable deformation. Optics Letters, 2019, 44, 1363.	1.7	26
171	Hierarchically structuring and synchronous photoreduction of graphene oxide films by laser holography for supercapacitors. Optics Letters, 2019, 44, 1714.	1.7	8
172	Ultra-smooth micro-optical components of various geometries. Optics Letters, 2019, 44, 2454.	1.7	15
173	Enhanced efficiency of all-inorganic perovskite light-emitting diodes by using F4-TCNQ-doped PTAA as a hole-transport layer. Optics Letters, 2019, 44, 4817.	1.7	6
174	Control of diameter and numerical aperture of microlens by a single ultra-short laser pulse. Optics Letters, 2019, 44, 5149.	1.7	19
175	Etching-assisted femtosecond laser modification of hard materials. Opto-Electronic Advances, 2019, 2, 19002101-19002114.	6.4	60
176	Three-dimensional metacrystals with a broadband isotropic diamagnetic response and an all-angle negative index of refraction. Optics Letters, 2019, 44, 927.	1.7	1
177	Aplanatic Zone Plate Embedded in Sapphire. IEEE Photonics Technology Letters, 2018, 30, 509-512.	1.3	3
178	Stretchable PEG-DA Hydrogel-Based Whispering-Gallery-Mode Microlaser with Humidity Responsiveness. Journal of Lightwave Technology, 2018, 36, 819-824.	2.7	17
179	Pneumatic smart surfaces with rapidly switchable dominant and latent superhydrophobicity. NPC Asia Materials, 2018, 10, e470-e470.	3.8	37
180	Hybrid-State Dynamics of Dye Molecules and Surface Plasmon Polaritons under Ultrastrong Coupling Regime. Laser and Photonics Reviews, 2018, 12, 1700176.	4.4	25

#	ARTICLE	IF	CITATIONS
181	Investigating the dynamics of excitons in monolayer WSe ₂ before and after organic super acid treatment. <i>Nanoscale</i> , 2018, 10, 9346-9352.	2.8	12
182	Wearable Superhydrophobic Elastomer Skin with Switchable Wettability. <i>Advanced Functional Materials</i> , 2018, 28, 1800625.	7.8	115
183	Microscale-Patterned Graphene Electrodes for Organic Light-Emitting Devices by a Simple Patterning Strategy. <i>Advanced Optical Materials</i> , 2018, 6, 1701348.	3.6	20
184	High-Order-Tilted Fiber Bragg Gratings With Superposed Refractive Index Modulation. <i>IEEE Photonics Journal</i> , 2018, 10, 1-8.	1.0	3
185	Femtosecond Laser Inscribed Small-Period Long-Period Fiber Gratings With Dual-Parameter Sensing. <i>IEEE Sensors Journal</i> , 2018, 18, 1100-1103.	2.4	38
186	Electric field analyses on monolayer semiconductors: the example of InSe. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 6945-6950.	1.3	46
187	Metal-Insulator Transition of GeSbTe Superlattice: An Electron Counting Model Study. <i>IEEE Nanotechnology Magazine</i> , 2018, 17, 140-146.	1.1	31
188	Humidity-responsive actuation of programmable hydrogel microstructures based on 3D printing. <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 736-744.	4.0	99
189	Laser Reduction of Nitrogen-Rich Carbon Nanoparticles@Graphene Oxides Composites for High Rate Performance Supercapacitors. <i>ACS Applied Nano Materials</i> , 2018, 1, 777-784.	2.4	17
190	Negative differential resistance and hysteresis in graphene-based organic light-emitting devices. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1926-1932.	2.7	18
191	Reed Leaf-Inspired Graphene Films with Anisotropic Superhydrophobicity. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 18416-18425.	4.0	43
192	Directional Forces by Momentumless Excitation and Order-to-Order Transition in Peierls-Distorted Solids: The Case of GeTe. <i>Physical Review Letters</i> , 2018, 120, 185701.	2.9	38
193	Black Silicon IR Photodiode Supersaturated With Nitrogen by Femtosecond Laser Irradiation. <i>IEEE Sensors Journal</i> , 2018, 18, 3595-3601.	2.4	25
194	Strong electron-polarized atom chain in amorphous phase-change memory Ge Sb Te alloy. <i>Acta Materialia</i> , 2018, 143, 102-106.	3.8	24
195	Formation of Deep-Subwavelength Structures on Organic Materials by Femtosecond Laser Ablation. <i>IEEE Journal of Quantum Electronics</i> , 2018, 54, 1-7.	1.0	5
196	Hydrodynamic rotating motion of micromotors from femtosecond laser microfabrication. <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 97-105.	4.0	8
197	Actuation From Directional Deformation Based on Composite Hydrogel for Moisture-Controllable Devices. <i>IEEE Sensors Journal</i> , 2018, 18, 8796-8802.	2.4	6
198	Micro-Nano-Texturing Inner Surfaces of Small-Caliber High Aspect Ratio and Superhydrophobic Artificial Vessels using Femtosecond Laser Filamenting Pulses. <i>Advanced Materials Interfaces</i> , 2018, 5, 1801148.	1.9	7

#	ARTICLE	IF	CITATIONS
199	NIR Photodetector Based on Nanosecond Laser-Modified Silicon. IEEE Transactions on Electron Devices, 2018, 65, 4905-4909.	1.6	16
200	Phase-Change Superlattice Materials toward Low Power Consumption and High Density Data Storage: Microscopic Picture, Working Principles, and Optimization. Advanced Functional Materials, 2018, 28, 1803380.	7.8	119
201	Biomimetic Graphene Actuators Enabled by Multiresponse Graphene Oxide Paper with Pretailored Reduction Gradient. Advanced Materials Technologies, 2018, 3, 1800258.	3.0	40
202	Clarification of the Molecular Doping Mechanism in Organic Single-Crystalline Semiconductors and their Application in Color-Tunable Light-Emitting Devices. Advanced Materials, 2018, 30, e1801078.	11.1	53
203	Direct laser scribing of AgNPs@RGO biochip as a reusable SERS sensor for DNA detection. Sensors and Actuators B: Chemical, 2018, 270, 500-507.	4.0	58
204	Erratum to "Metal-Insulator Transition of GeSbTe Superlattice: An Electron Counting Model Study" [Jan 18 140-146]. IEEE Nanotechnology Magazine, 2018, 17, 614-614.	1.1	0
205	Mechanically robust stretchable organic optoelectronic devices built using a simple and universal stencil-pattern transferring technology. Light: Science and Applications, 2018, 7, 35.	7.7	77
206	Femtosecond Laser-Inscribed High-Order Bragg Gratings in Large-Diameter Sapphire Fibers for High-Temperature and Strain Sensing. Journal of Lightwave Technology, 2018, 36, 3302-3308.	2.7	26
207	Ultrathin Au Electrodes Based on a Hybrid Nucleation Layer for Flexible Organic Light-Emitting Devices. IEEE Nanotechnology Magazine, 2018, 17, 1077-1081.	1.1	12
208	Single-pulse writing of a concave microlens array. Optics Letters, 2018, 43, 831.	1.7	35
209	Femtosecond laser direct writing of ion exchangeable multifunctional microstructures. Optics Letters, 2018, 43, 1139.	1.7	6
210	Mirror-rotation-symmetrical single-focus spiral zone plates. Optics Letters, 2018, 43, 3116.	1.7	12
211	Sub-bandgap photo-response of non-doped black-silicon fabricated by nanosecond laser irradiation. Optics Letters, 2018, 43, 1710.	1.7	15
212	Liquid-Assisted Femtosecond Laser Precision-Machining of Silica. Nanomaterials, 2018, 8, 287.	1.9	38
213	Laser interference fabrication of large-area functional periodic structure surface. Frontiers of Mechanical Engineering, 2018, 13, 493-503.	2.5	20
214	Femtosecond Laser Direct Writing of Metallic Micro/Nanostructures: From Fabrication Strategies to Future Applications. Small Methods, 2018, 2, 1700413.	4.6	95
215	Dynamics of Strongly Coupled Hybrid States by Transient Absorption Spectroscopy. Advanced Functional Materials, 2018, 28, 1801761.	7.8	17
216	Non-phase-separated 2D B-C-N alloys via molecule-like carbon doping in 2D BN: atomic structures and optoelectronic properties. Physical Chemistry Chemical Physics, 2018, 20, 23106-23111.	1.3	6

#	ARTICLE	IF	CITATIONS
217	Carbon-Based Photothermal Actuators. <i>Advanced Functional Materials</i> , 2018, 28, 1802235.	7.8	297
218	Directly drawing high-performance capacitive sensors on copying tissues. <i>Nanoscale</i> , 2018, 10, 17002-17006.	2.8	36
219	Wet-etching-assisted femtosecond laser holographic processing of a sapphire concave microlens array. <i>Applied Optics</i> , 2018, 57, 9604.	0.9	24
220	Highly flexible organic-inorganic hybrid perovskite light-emitting devices based on an ultrathin Au electrode. <i>Optics Letters</i> , 2018, 43, 5524.	1.7	12
221	Enhanced Performance of Perovskite Light-Emitting Devices With Improved Perovskite Crystallization. <i>IEEE Photonics Journal</i> , 2017, 9, 1-8.	1.0	2
222	Highly efficient and mechanically robust stretchable polymer solar cells with random buckling. <i>Organic Electronics</i> , 2017, 43, 77-81.	1.4	32
223	Angle-multiplexed optical printing of biomimetic hierarchical 3D textures. <i>Laser and Photonics Reviews</i> , 2017, 11, 1600187.	4.4	41
224	Crossing and anti-crossing effects of polaritons in a magnetic-semiconductor superlattice influenced by an external magnetic field. <i>Superlattices and Microstructures</i> , 2017, 103, 285-294.	1.4	16
225	Slow cooling and efficient extraction of C-exciton hot carriers in MoS ₂ monolayer. <i>Nature Communications</i> , 2017, 8, 13906.	5.8	132
226	Micro-buried spiral zone plate in a lithium niobate crystal. <i>Applied Physics Letters</i> , 2017, 110, 041102.	1.5	8
227	Toward On-Chip Unidirectional and Single-Mode Polymer Microlaser. <i>Journal of Lightwave Technology</i> , 2017, 35, 2331-2336.	2.7	9
228	On-chip laser processing for the development of multifunctional microfluidic chips. <i>Laser and Photonics Reviews</i> , 2017, 11, 1600116.	4.4	57
229	Light manipulation in organic light-emitting devices by integrating micro/nano patterns. <i>Laser and Photonics Reviews</i> , 2017, 11, 1600145.	4.4	54
230	Insights into the origin of aggregation enhanced emission of 9,10-distyrylanthracene derivatives. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1422-1429.	3.2	47
231	Highly Efficient Three Primary Color Organic Single-Crystal Light-Emitting Devices with Balanced Carrier Injection and Transport. <i>Advanced Functional Materials</i> , 2017, 27, 1604659.	7.8	69
232	Sensitively Humidity-Driven Actuator Based on Photopolymerizable PEG-DA Films. <i>Advanced Materials Interfaces</i> , 2017, 4, 1601002.	1.9	101
233	Sulfur-Doped Silicon Photodiode by Ion Implantation and Femtosecond Laser Annealing. <i>IEEE Sensors Journal</i> , 2017, 17, 2367-2371.	2.4	8
234	Gold-Hyperdoped Black Silicon With High IR Absorption by Femtosecond Laser Irradiation. <i>IEEE Nanotechnology Magazine</i> , 2017, 16, 502-506.	1.1	28

#	ARTICLE	IF	CITATIONS
235	Flexible perovskite solar cells with ultrathin Au anode and vapour-deposited perovskite film. <i>Solar Energy Materials and Solar Cells</i> , 2017, 169, 8-12.	3.0	41
236	Sunlight-Reduced Graphene Oxides as Sensitive Moisture Sensors for Smart Device Design. <i>Advanced Materials Technologies</i> , 2017, 2, 1700045.	3.0	45
237	Mask-free construction of three-dimensional silicon structures by dry etching assisted gray-scale femtosecond laser direct writing. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	22
238	Coexistence of bulk and surface polaritons in a magnetic-semiconductor superlattice influenced by a transverse magnetic field. <i>Journal of Applied Physics</i> , 2017, 121, 103102.	1.1	18
239	Dry-etching-assisted femtosecond laser machining. <i>Laser and Photonics Reviews</i> , 2017, 11, 1600115.	4.4	73
240	Femtosecond Laser Direct Writing of Plasmonic Ag/Pd Alloy Nanostructures Enables Flexible Integration of Robust SERS Substrates. <i>Advanced Materials Technologies</i> , 2017, 2, 1600270.	3.0	33
241	Multimode Coherent Hybrid States: Ultrafast Investigation of Double Rabi Splitting between Surface Plasmons and Sulforhodamine 101 Dyes. <i>Advanced Optical Materials</i> , 2017, 5, 1600857.	3.6	12
242	Size-dependent one-photon- and two-photon-pumped amplified spontaneous emission from organometal halide $\text{CH}_3\text{NH}_3\text{PbBr}_3$ perovskite cubic microcrystals. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 2217-2224.	1.3	31
243	Engineering two-dimensional electronics by semiconductor defects. <i>Nano Today</i> , 2017, 16, 30-45.	6.2	64
244	Photothermal Surface Plasmon Resonance and Interband Transition-Enhanced Nanocomposite Hydrogel Actuators with Hand-Like Dynamic Manipulation. <i>Advanced Optical Materials</i> , 2017, 5, 1700442.	3.6	59
245	Charged defects in two-dimensional semiconductors of arbitrary thickness and geometry: Formulation and application to few-layer black phosphorus. <i>Physical Review B</i> , 2017, 96, .	1.1	28
246	Laser-structured Janus wire mesh for efficient oil-water separation. <i>Nanoscale</i> , 2017, 9, 17933-17938.	2.8	89
247	Electronic excitation induced hydrogen-bond adjustment and lattice control in organic-inorganic hybrid cubic perovskites: a fixed occupation molecular dynamics study. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 26164-26168.	1.3	2
248	Direct Laser Writing of Superhydrophobic PDMS Elastomers for Controllable Manipulation via Marangoni Effect. <i>Advanced Functional Materials</i> , 2017, 27, 1702946.	7.8	109
249	Native defects and substitutional impurities in two-dimensional monolayer InSe. <i>Nanoscale</i> , 2017, 9, 11619-11624.	2.8	32
250	An open-pattern droplet-in-oil planar array for single cell analysis based on sequential inkjet printing technology. <i>Biomicrofluidics</i> , 2017, 11, 044106.	1.2	9
251	Giant lattice expansion by quantum stress and universal atomic forces in semiconductors under instant ultrafast laser excitation. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 24735-24741.	1.3	7
252	Nanostructures induced light harvesting enhancement in organic photovoltaics. <i>Nanophotonics</i> , 2017, 7, 371-391.	2.9	32

#	ARTICLE	IF	CITATIONS
253	Surface plasmon-enhanced amplified spontaneous emission from organic single crystals by integrating graphene/copper nanoparticle hybrid nanostructures. <i>Nanoscale</i> , 2017, 9, 19353-19359.	2.8	15
254	Control of single-mode operation in a circular waveguide filled by a longitudinally magnetized gyroelectromagnetic medium. <i>Journal of Electromagnetic Waves and Applications</i> , 2017, 31, 1265-1276.	1.0	1
255	Element-specific amorphization of vacancy-ordered GeSbTe for ternary-state phase change memory. <i>Acta Materialia</i> , 2017, 136, 242-248.	3.8	30
256	Photoluminescence quenching of inorganic cesium lead halides perovskite quantum dots (CsPbX ₃) by electron/hole acceptor. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 1920-1926.	1.3	57
257	Plasmonic nano-printing: large-area nanoscale energy deposition for efficient surface texturing. <i>Light: Science and Applications</i> , 2017, 6, e17112-e17112.	7.7	177
258	Multilevel phase-type diffractive lens embedded in sapphire. <i>Optics Letters</i> , 2017, 42, 3832.	1.7	17
259	Competition between subwavelength and deep-subwavelength structures ablated by ultrashort laser pulses. <i>Optica</i> , 2017, 4, 637.	4.8	53
260	Nano-ablation of silica by plasmonic surface wave at low fluence. <i>Optics Letters</i> , 2017, 42, 4446.	1.7	15
261	Single-mode unidirectional microcavity laser. <i>Optics Letters</i> , 2017, 42, 1572.	1.7	11
262	Fabrication of an anti-reflective microstructure on sapphire by femtosecond laser direct writing. <i>Optics Letters</i> , 2017, 42, 543.	1.7	57
263	Semitransparent and flexible perovskite solar cell with high visible transmittance based on ultrathin metallic electrodes. <i>Optics Letters</i> , 2017, 42, 1958.	1.7	32
264	Remote and rapid micromachining of broadband low-reflectivity black silicon surfaces by femtosecond laser filaments. <i>Optics Letters</i> , 2017, 42, 510.	1.7	25
265	Femtosecond Laser Direct Writing with Gating Exposure. , 2017, , .		0
266	Surface and Interface Engineering of Graphene Oxide Films by Controllable Photoreduction. <i>Chemical Record</i> , 2016, 16, 1244-1255.	2.9	29
267	Dynamics of Strong Coupling between J-aggregates and Surface Plasmon Polaritons in Subwavelength Hole Arrays. <i>Advanced Functional Materials</i> , 2016, 26, 6198-6205.	7.8	40
268	Bioinspired few-layer graphene prepared by chemical vapor deposition on femtosecond laser-structured Cu foil. <i>Laser and Photonics Reviews</i> , 2016, 10, 441-450.	4.4	46
269	Enhanced efficiency of organic light-emitting devices with corrugated nanostructures based on soft nano-imprinting lithography. <i>Applied Physics Letters</i> , 2016, 109, .	1.5	22
270	Fabrication and manipulation of magnetic composite particles with specific shape and size. <i>Chemical Research in Chinese Universities</i> , 2016, 32, 1052-1056.	1.3	0

#	ARTICLE	IF	CITATIONS
271	Possible n/p-type conductivity of two-dimensional graphene oxide by boron and nitrogen doping: Evaluated via constrained excitation. <i>Applied Physics Letters</i> , 2016, 109, 203113.	1.5	5
272	Measurement of Two-Photon Absorption Cross Section of Metal Ions by a Mass Sedimentation Approach. <i>Scientific Reports</i> , 2016, 5, 17712.	1.6	9
273	Exploring long-wave infrared transmitting materials with A_xB_y form: First-principles gene-like studies. <i>Scientific Reports</i> , 2016, 6, 21912.	1.6	3
274	Dual-periodic-microstructure-induced color tunable white organic light-emitting devices. <i>Frontiers of Optoelectronics</i> , 2016, 9, 283-289.	1.9	2
275	Silicon-Based Suspended Structure Fabricated by Femtosecond Laser Direct Writing and Wet Etching. <i>IEEE Photonics Technology Letters</i> , 2016, 28, 1605-1608.	1.3	14
276	Ultrathin and ultrasmooth Au films as transparent electrodes in ITO-free organic light-emitting devices. <i>Nanoscale</i> , 2016, 8, 10010-10015.	2.8	77
277	Strong Coupling: Dynamics of Strong Coupling between J-Aggregates and Surface Plasmon Polaritons in Subwavelength Hole Arrays (<i>Adv. Funct. Mater.</i> 34/2016). <i>Advanced Functional Materials</i> , 2016, 26, 6197-6197.	7.8	1
278	Preparation of a $Fe_3O_4@Au$ GO nanocomposite for simultaneous treatment of oil/water separation and dye decomposition. <i>Nanoscale</i> , 2016, 8, 17451-17457.	2.8	17
279	Femtosecond laser processing of microcavity lasers. <i>Frontiers of Optoelectronics</i> , 2016, 9, 420-427.	1.9	6
280	Surface Passivation of Perovskite Film by Small Molecule Infiltration for Improved Efficiency of Perovskite Solar Cells. <i>IEEE Photonics Journal</i> , 2016, 8, 1-7.	1.0	8
281	Hybrid Refractive-Diffractive Optical Vortex Microlens. <i>IEEE Photonics Technology Letters</i> , 2016, 28, 2299-2302.	1.3	16
282	A two-step thermal annealing and HNO_3 doping treatment for graphene electrode and its application in small-molecule organic solar cells. <i>Organic Electronics</i> , 2016, 38, 35-41.	1.4	27
283	Flexible and efficient ITO-free semitransparent perovskite solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2016, 157, 660-665.	3.0	57
284	Mode-Selecting Micrograting Cavity Laser. <i>Journal of Lightwave Technology</i> , 2016, 34, 4143-4147.	2.7	8
285	Integrated optofluidic-microfluidic twin channels: toward diverse application of lab-on-a-chip systems. <i>Scientific Reports</i> , 2016, 6, 19801.	1.6	23
286	As-grown graphene/copper nanoparticles hybrid nanostructures for enhanced intensity and stability of surface plasmon resonance. <i>Scientific Reports</i> , 2016, 6, 37190.	1.6	28
287	Pancharatnam-Berry Phase Induced Spin-Selective Transmission in Herringbone Dielectric Metamaterials. <i>Advanced Materials</i> , 2016, 28, 9567-9572.	11.1	39
288	Light-Mediated Manufacture and Manipulation of Actuators. <i>Advanced Materials</i> , 2016, 28, 8328-8343.	11.1	186

#	ARTICLE	IF	CITATIONS
289	Fabrication of Black Silicon With Thermostable Infrared Absorption by Femtosecond Laser. IEEE Photonics Journal, 2016, 8, 1-9.	1.0	19
290	Sapphire-Based Dammann Gratings for UV Beam Splitting. IEEE Photonics Journal, 2016, 8, 1-8.	1.0	8
291	Efficient and mechanically robust stretchable organic light-emitting devices by a laser-programmable buckling process. Nature Communications, 2016, 7, 11573.	5.8	182
292	Two-Dimensional Stretchable Organic Light-Emitting Devices with High Efficiency. ACS Applied Materials & Interfaces, 2016, 8, 31166-31171.	4.0	60
293	The Role of Trap-assisted Recombination in Luminescent Properties of Organometal Halide CH ₃ NH ₃ PbBr ₃ Perovskite Films and Quantum Dots. Scientific Reports, 2016, 6, 27286.	1.6	85
294	Simultaneous identification of multi-combustion-intermediates of alkanol-air flames by femtosecond filament excitation for combustion sensing. Scientific Reports, 2016, 6, 27340.	1.6	19
295	Dynamics of Strong Coupling between CdSe Quantum Dots and Surface Plasmon Polaritons in Subwavelength Hole Array. Journal of Physical Chemistry Letters, 2016, 7, 4648-4654.	2.1	34
296	The mystical interlinks: Mechanics, religion or optics?. Science China: Physics, Mechanics and Astronomy, 2016, 59, 1.	2.0	7
297	Perovskite "Cavity Complex: the Modulated Optical Characteristics of Organometallic Halide Perovskite CH ₃ NH ₃ PbI ₃ Cl ₃ Doped in Length Tunable Optical Microcavities. Journal of Physical Chemistry C, 2016, 120, 13295-13302.	1.5	2
298	Protein-based Y-junction optical micro-splitters with environment-stimulus-actuated adjustments. Sensors and Actuators B: Chemical, 2016, 232, 571-576.	4.0	8
299	The role of Rabi splitting tuning in the dynamics of strongly coupled J-aggregates and surface plasmon polaritons in nanohole arrays. Nanoscale, 2016, 8, 13445-13453.	2.8	40
300	Protein-Based Multi-Mode Interference Optical Micro-Splitters. IEEE Photonics Technology Letters, 2016, 28, 629-632.	1.3	4
301	Ultrasoft, highly conductive and transparent PEDOT:PSS/silver nanowire composite electrode for flexible organic light-emitting devices. Organic Electronics, 2016, 31, 247-252.	1.4	101
302	Insight into the effect of functional groups on visible-fluorescence emissions of graphene quantum dots. Journal of Materials Chemistry C, 2016, 4, 2235-2242.	2.7	51
303	Sapphire-Based Fresnel Zone Plate Fabricated by Femtosecond Laser Direct Writing and Wet Etching. IEEE Photonics Technology Letters, 2016, 28, 1290-1293.	1.3	39
304	Plasmon-Photon Coupled Modes Lasing in a Silver-Coated Hemisphere. IEEE Photonics Technology Letters, 2016, 28, 351-354.	1.3	1
305	Photodynamic assembly of nanoparticles towards designable patterning. Nanoscale Horizons, 2016, 1, 201-211.	4.1	16
306	Surface Plasmon Polariton-Enabled High-Performance Organic Optoelectronic Devices. , 2016, , 3956-3966.		0

#	ARTICLE	IF	CITATIONS
307	Optical force on toroidal nanostructures: Toroidal dipole versus renormalized electric dipole. <i>Physical Review A</i> , 2015, 92, .	1.0	37
308	Monolayer II-VI semiconductors: A first-principles prediction. <i>Physical Review B</i> , 2015, 92, .	1.1	226
309	Flame treatment of graphene oxides: cost-effective production of nanoporous graphene electrode for Lithium-ion batteries. <i>Scientific Reports</i> , 2015, 5, 17522.	1.6	16
310	Protein-Based Three-Dimensional Whispering-Gallery-Mode Micro-Lasers with Stimulus-Responsiveness. <i>Scientific Reports</i> , 2015, 5, 12852.	1.6	37
311	Non-uniform annular rings-based metasurfaces for high-efficient and polarization-independent focusing. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	9
312	Intrinsic Polarization and Tunable Color of Electroluminescence from Organic Single Crystal-based Light-Emitting Devices. <i>Scientific Reports</i> , 2015, 5, 12445.	1.6	33
313	Simultaneous Femtosecond Laser Doping and Surface Texturing for Implanting Applications. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500058.	1.9	8
314	Bioinspired Graphene Actuators Prepared by Unilateral UV Irradiation of Graphene Oxide Papers. <i>Advanced Functional Materials</i> , 2015, 25, 4548-4557.	7.8	219
315	Infrared Absorption of Femtosecond Laser Textured Silicon Under Vacuum. <i>IEEE Photonics Technology Letters</i> , 2015, 27, 1481-1484.	1.3	31
316	Self-propelled micromotors based on Au@mesoporous silica nanorods. <i>Nanoscale</i> , 2015, 7, 11951-11955.	2.8	19
317	Controllable assembly of silver nanoparticles induced by femtosecond laser direct writing. <i>Science and Technology of Advanced Materials</i> , 2015, 16, 024805.	2.8	25
318	Compact Mach-Zehnder Interferometer Based on Tapered Hollow Optical Fiber. <i>IEEE Photonics Technology Letters</i> , 2015, 27, 1277-1280.	1.3	25
319	Gold nanorods-silica Janus nanoparticles for theranostics. <i>Applied Physics Letters</i> , 2015, 106, .	1.5	33
320	Superhydrophobic SERS Substrates Based on Silver-Coated Reduced Graphene Oxide Gratings Prepared by Two-Beam Laser Interference. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 27059-27065.	4.0	38
321	Ultrafast optical spectroscopy of surface-modified silicon quantum dots: unraveling the underlying mechanism of the ultrabright and color-tunable photoluminescence. <i>Light: Science and Applications</i> , 2015, 4, e245-e245.	7.7	93
322	SERS-Enabled Lab-on-a-Chip Systems. <i>Advanced Optical Materials</i> , 2015, 3, 618-633.	3.6	94
323	PDMS-Coated S-Tapered Fiber for Highly Sensitive Measurements of Transverse Load and Temperature. <i>IEEE Sensors Journal</i> , 2015, 15, 3429-3435.	2.4	40
324	Recent developments in superhydrophobic graphene and graphene-related materials: from preparation to potential applications. <i>Nanoscale</i> , 2015, 7, 7101-7114.	2.8	144

#	ARTICLE	IF	CITATIONS
325	Surface Plasmon-Modulated Fluorescence on 2D Metallic Silver Gratings. IEEE Photonics Technology Letters, 2015, 27, 821-823.	1.3	9
326	An Optical Microfiber Taper Magnetic Field Sensor With Temperature Compensation. IEEE Sensors Journal, 2015, 15, 4853-4856.	2.4	21
327	Improved efficiency of indium-tin-oxide-free organic light-emitting devices using PEDOT:PSS/graphene oxide composite anode. Organic Electronics, 2015, 26, 81-85.	1.4	33
328	Origin of high thermal stability of amorphous Ge ₁ Cu ₂ Te ₃ alloy: A significant Cu-bonding reconfiguration modulated by Te lone-pair electrons for crystallization. Acta Materialia, 2015, 90, 88-93.	3.8	42
329	Determination of Formation and Ionization Energies of Charged Defects in Two-Dimensional Materials. Physical Review Letters, 2015, 114, 196801.	2.9	89
330	Customization of Protein Single Nanowires for Optical Biosensing. Small, 2015, 11, 2869-2876.	5.2	28
331	Femtosecond laser ionization and fragmentation of molecules for environmental sensing. Laser and Photonics Reviews, 2015, 9, 275-293.	4.4	94
332	Photonic-Molecule Single-Mode Laser. IEEE Photonics Technology Letters, 2015, 27, 1157-1160.	1.3	31
333	Femtosecond Laser Direct Writing Assisted Nonequilibrium Doped Silicon n ⁺ -p Photodiodes for Light Sensing. IEEE Sensors Journal, 2015, 15, 4259-4263.	2.4	13
334	Elucidating the band structure and free charge carrier dynamics of pure and impurities doped CH ₃ NH ₃ Pb ₃ Cl _x perovskite thin films. Physical Chemistry Chemical Physics, 2015, 17, 30084-30089.	1.3	14
335	Focal varying microlens array. Optics Letters, 2015, 40, 4222.	1.7	41
336	Hybrid Tamm plasmon-polariton/microcavity modes for white top-emitting organic light-emitting devices. Optica, 2015, 2, 579.	4.8	45
337	Stability Improved Stretchable Metallic Gratings With Tunable Grating Period in Submicron Scale. Journal of Lightwave Technology, 2015, 33, 3327-3331.	2.7	14
338	Boron based two-dimensional crystals: theoretical design, realization proposal and applications. Nanoscale, 2015, 7, 18863-18871.	2.8	61
339	Aqueous multiphoton lithography with multifunctional silk-centred bio-resists. Nature Communications, 2015, 6, 8612.	5.8	111
340	Dual-periodic-corrugation-induced broadband light absorption enhancement in organic solar cells. Organic Electronics, 2015, 27, 167-172.	1.4	27
341	Broadband absorption enhancement in organic solar cells with an antenna layer through surface-plasmon mediated energy transfer. Applied Physics Letters, 2015, 106, .	1.5	10
342	Femtosecond laser 3D fabrication of whispering-gallery-mode microcavities. Science China: Physics, Mechanics and Astronomy, 2015, 58, 1.	2.0	9

#	ARTICLE	IF	CITATIONS
343	Bioinspired Underwater Superoleophobic Membrane Based on a Graphene Oxide Coated Wire Mesh for Efficient Oil/Water Separation. ACS Applied Materials & Interfaces, 2015, 7, 20930-20936.	4.0	177
344	High Curvature Concave-Convex Microlens. IEEE Photonics Technology Letters, 2015, 27, 2465-2468.	1.3	11
345	Surface Detection of Strain-Relaxed Si-Ge Alloys With High Ge-Content by Optical Second-Harmonic Generation. IEEE Journal of Quantum Electronics, 2015, 51, 1-6.	1.0	9
346	Solvent-tunable PDMS microlens fabricated by femtosecond laser direct writing. Journal of Materials Chemistry C, 2015, 3, 1751-1756.	2.7	62
347	A novel two-dimensional MgB ₆ crystal: metal-layer stabilized boron kagome lattice. Physical Chemistry Chemical Physics, 2015, 17, 1093-1098.	1.3	38
348	Unidirectional Lasing From a Spiral-Shaped Microcavity of Dye-Doped Polymers. IEEE Photonics Technology Letters, 2015, 27, 311-314.	1.3	21
349	Moisture-Responsive Graphene Paper Prepared by Self-Controlled Photoreduction. Advanced Materials, 2015, 27, 332-338.	11.1	214
350	Surface Plasmon Polariton-Enabled High-Performance Organic Optoelectronic Devices. , 2015, , 1-11.		0
351	Laser micronanostructuring for high-performance organic optoelectronic devices. , 2014, , .		0
352	Protein-based soft micro-optics fabricated by femtosecond laser direct writing. Light: Science and Applications, 2014, 3, e129-e129.	7.7	133
353	Preparation of reduced graphene oxide films by dip coating technique and their electrical conductivity. Materials Technology, 2014, 29, 14-20.	1.5	14
354	Effective and tunable light trapping in bulk heterojunction organic solar cells by employing Au-Ag alloy nanoparticles. Applied Physics Letters, 2014, 105, .	1.5	38
355	Organic Crystals: Fabrication and Characterization of Organic Single Crystal-Based Light-Emitting Devices with Improved Contact Between the Metallic Electrodes and Crystal (Adv. Funct. Mater.) Tj ETQq1 1 0.7843.14 rgBT /Overlock		
356	Fabrication and Characterization of Organic Single Crystal-Based Light-Emitting Devices with Improved Contact Between the Metallic Electrodes and Crystal. Advanced Functional Materials, 2014, 24, 7085-7092.	7.8	31
357	Strong coupling in hybrid plasmon-modulated nanostructured cavities. Applied Physics Letters, 2014, 105, 191117.	1.5	13
358	First-principles calculations of a robust two-dimensional boron honeycomb sandwiching a triangular molybdenum layer. Physical Review B, 2014, 90, .	1.1	70
359	Point-by-Point Dip Coated Long-Period Gratings in Microfibers. IEEE Photonics Technology Letters, 2014, 26, 2503-2506.	1.3	17
360	Aggregation induced enhanced emission of conjugated dendrimers with a large intrinsic two-photon absorption cross-section. Polymer Chemistry, 2014, 5, 479-488.	1.9	52

#	ARTICLE	IF	CITATIONS
361	Functional organic single crystals for solid-state laser applications. <i>Laser and Photonics Reviews</i> , 2014, 8, 687-715.	4.4	160
362	Unraveling Charge Separation and Transport Mechanisms in Aqueous-Processed Polymer/CdTe Nanocrystal Hybrid Solar Cells. <i>Advanced Energy Materials</i> , 2014, 4, 1301882.	10.2	33
363	Common Origin of Green Luminescence in Carbon Nanodots and Graphene Quantum Dots. <i>ACS Nano</i> , 2014, 8, 2541-2547.	7.3	701
364	Miniature End-Capped Fiber Sensor for Refractive Index and Temperature Measurement. <i>IEEE Photonics Technology Letters</i> , 2014, 26, 7-10.	1.3	62
365	Improved efficiency of indium-tin-oxide-free flexible organic light-emitting devices. <i>Organic Electronics</i> , 2014, 15, 478-483.	1.4	47
366	Photoreduction of Graphene Oxides: Methods, Properties, and Applications. <i>Advanced Optical Materials</i> , 2014, 2, 10-28.	3.6	235
367	Role of hydrogen in the growth of boron nitride: Cubic phase versus hexagonal phase. <i>Computational Materials Science</i> , 2014, 82, 310-313.	1.4	4
368	Bioinspired Fabrication of Superhydrophobic Graphene Films by Two-Beam Laser Interference. <i>Advanced Functional Materials</i> , 2014, 24, 4595-4602.	7.8	118
369	Eliminating Angular Dispersion in Microcavity by Employing Metamaterials With Hyperbolic Dispersion as Reflectors. <i>IEEE Journal of Quantum Electronics</i> , 2014, 50, 348-353.	1.0	1
370	Role of the nano amorphous interface in the crystallization of Sb ₂ Te ₃ towards non-volatile phase change memory: insights from first principles. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 10810.	1.3	24
371	Dynamic laser prototyping for biomimetic nanofabrication. <i>Laser and Photonics Reviews</i> , 2014, 8, 882-888.	4.4	27
372	Highly Stable On-Chip Embedded Organic Whispering Gallery Mode Lasers. <i>Journal of Lightwave Technology</i> , 2014, 32, 2415-2419.	2.7	20
373	Polymer encapsulation of flexible top-emitting organic light-emitting devices with improved light extraction by integrating a microstructure. <i>Organic Electronics</i> , 2014, 15, 2661-2666.	1.4	18
374	One order of magnitude faster phase change at reduced power in Ti-Sb-Te. <i>Nature Communications</i> , 2014, 5, 4086.	5.8	195
375	Rapid production of large-area deep sub-wavelength hybrid structures by femtosecond laser light-field tailoring. <i>Applied Physics Letters</i> , 2014, 104, 031904.	1.5	25
376	Laser-Mediated Programmable N Doping and Simultaneous Reduction of Graphene Oxides. <i>Advanced Optical Materials</i> , 2014, 2, 120-125.	3.6	64
377	Femtosecond laser filamentation for sensing combustion intermediates: A comparative study. <i>Sensors and Actuators B: Chemical</i> , 2014, 203, 887-890.	4.0	27
378	Bioinspired Fabrication of High-Quality 3D Artificial Compound Eyes by Voxel-Modulation Femtosecond Laser Writing for Distortion-Free Wide-Field-of-View Imaging. <i>Advanced Optical Materials</i> , 2014, 2, 751-758.	3.6	134

#	ARTICLE	IF	CITATIONS
379	Electron Extraction Dynamics in CdSe and CdSe/CdS/ZnS Quantum Dots Adsorbed with Methyl Viologen. <i>Journal of Physical Chemistry C</i> , 2014, 118, 17240-17246.	1.5	42
380	One-pot preparation of novel asymmetric structure nanoparticles and its application in catalysis. <i>RSC Advances</i> , 2014, 4, 43586-43589.	1.7	8
381	Arbitrary Shape Designable Microscale Organic Light-Emitting Devices by Using Femtosecond Laser Reduced Graphene Oxide as a Patterned Electrode. <i>ACS Photonics</i> , 2014, 1, 690-695.	3.2	47
382	Surface-Plasmon-Mediated Programmable Optical Nanofabrication of an Oriented Silver Nanoplate. <i>ACS Nano</i> , 2014, 8, 6682-6692.	7.3	49
383	Slide Fastener Reduction of Graphene Oxide Edges by Calcium: Insight from Ab Initio Molecular Dynamics. <i>ChemPhysChem</i> , 2014, 15, 2707-2711.	1.0	3
384	Investigation of photoluminescence mechanism of graphene quantum dots and evaluation of their assembly into polymer dots. <i>Carbon</i> , 2014, 77, 462-472.	5.4	124
385	Surface Plasmon-Polariton Mediated Red Emission from Organic Light-Emitting Devices Based on Metallic Electrodes Integrated with Dual-Periodic Corrugation. <i>Scientific Reports</i> , 2014, 4, 7108.	1.6	35
386	Improved performance of organic optoelectronic devices by integrating periodic microstructures. , 2014, , .		0
387	Controlled transition dipole alignment of energy donor and energy acceptor molecules in doped organic crystals, and the effect on intermolecular Förster energy transfer. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 3527.	1.3	42
388	Fabrication of photopolymer hierarchical micronanostructures by coupling electrospinning and photolithography for SERS substrates. <i>Macromolecular Research</i> , 2013, 21, 306-310.	1.0	9
389	Light trapping schemes in organic solar cells: A comparison between optical Tamm states and Fabry-Pérot cavity modes. <i>Organic Electronics</i> , 2013, 14, 1577-1585.	1.4	23
390	Multifunctional superparamagnetic iron oxide nanoparticles: design, synthesis and biomedical photonic applications. <i>Nanoscale</i> , 2013, 5, 7664.	2.8	196
391	Evidence of concerted inversion for the photon-induced molecular switching of azobenzene using rotation-free azobenzene derivatives. <i>Journal of Materials Chemistry C</i> , 2013, 1, 5244.	2.7	7
392	A Highly Sensitive Temperature Sensor Based on a Liquid-Sealed S-Tapered Fiber. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 829-832.	1.3	31
393	On-Chip Catalytic Microreactors for Modern Catalysis Research. <i>ChemCatChem</i> , 2013, 5, 2091-2099.	1.8	48
394	Matching Photocurrents of Subcells in Double-Junction Organic Solar Cells via Coupling Between Surface Plasmon Polaritons and Microcavity Modes. <i>Advanced Optical Materials</i> , 2013, 1, 809-813.	3.6	40
395	Theoretical characterization of reduction dynamics for graphene oxide by alkaline-earth metals. <i>Carbon</i> , 2013, 52, 122-127.	5.4	30
396	Rapid Fabrication of Large-Area Periodic Structures by Multiple Exposure of Two-Beam Interference. <i>Journal of Lightwave Technology</i> , 2013, 31, 276-281.	2.7	19

#	ARTICLE	IF	CITATIONS
397	Anti-reflection resonance in distributed Bragg reflectors-based ultrathin highly absorbing dielectric and its application in solar cells. Applied Physics Letters, 2013, 102, .	1.5	33
398	Two-Dimensional Transition Metal Honeycomb Realized: Hf on Ir(111). Nano Letters, 2013, 13, 4671-4674.	4.5	102
399	Direct Observation of Quantum-Confined Graphene-Like States and Novel Hybrid States in Graphene Oxide by Transient Spectroscopy. Advanced Materials, 2013, 25, 6539-6545.	11.1	74
400	Broadband Light Extraction from White Organic Light-Emitting Devices by Employing Corrugated Metallic Electrodes with Dual Periodicity. Advanced Materials, 2013, 25, 6969-6974.	11.1	85
401	Mechanical stretch for tunable wetting from topological PDMS film. Soft Matter, 2013, 9, 4236.	1.2	36
402	Fabrication and characterization of Ag film with sub-nanometer surface roughness as a flexible cathode for inverted top-emitting organic light-emitting devices. Nanoscale, 2013, 5, 10811.	2.8	25
403	Compact Long-Period Fiber Gratings Based on Periodic Microchannels. IEEE Photonics Technology Letters, 2013, 25, 111-114.	1.3	17
404	Reflective Optical Fiber Sensors Based on Tilted Fiber Bragg Gratings Fabricated With Femtosecond Laser. Journal of Lightwave Technology, 2013, 31, 455-460.	2.7	50
405	Strongly Localized Evanescent Optical Tamm States at Metal-DBR Interface. Journal of Lightwave Technology, 2013, 31, 1654-1659.	2.7	10
406	Programmable assembly of CdTe quantum dots into microstructures by femtosecond laser direct writing. Journal of Materials Chemistry C, 2013, 1, 4699.	2.7	27
407	Internal structure-mediated ultrafast energy transfer in self-assembled polymer-blend dots. Nanoscale, 2013, 5, 7265.	2.8	14
408	Complex three-dimensional polymer-metal core-shell structures towards emission control. Physical Chemistry Chemical Physics, 2013, 15, 9590.	1.3	3
409	Integrating functional components into microfluidic channels by laser nanofabrication technologies toward high-performance LoCs. , 2013, , .		0
410	Viewing-angle independence of white emission from microcavity top-emitting organic light-emitting devices with periodically and gradually changed cavity length. Organic Electronics, 2013, 14, 1597-1601.	1.4	16
411	Preparation and time-resolved fluorescence study of RGB organic crystals. Organic Electronics, 2013, 14, 389-395.	1.4	20
412	Whispering-gallery mode lasing from patterned molecular single-crystalline microcavity array. Laser and Photonics Reviews, 2013, 7, 281-288.	4.4	85
413	Deep electron traps and origin of σ -type conductivity in the earth-abundant solar-cell material CuZnSnS_2 . ZnSnS_2	1.1	110
414	Fabrication and multifunction integration of microfluidic chips by femtosecond laser direct writing. Lab on A Chip, 2013, 13, 1677.	3.1	168

#	ARTICLE	IF	CITATIONS
415	Unraveling Bright Molecule-Like State and Dark Intrinsic State in Green-Fluorescence Graphene Quantum Dots via Ultrafast Spectroscopy. <i>Advanced Optical Materials</i> , 2013, 1, 264-271.	3.6	144
416	Low threshold melt-processed two-photon organic surface emitting upconversion lasers. <i>Organic Electronics</i> , 2013, 14, 762-767.	1.4	9
417	Beam shaping of edge-emitting diode lasers using a single double-axial hyperboloidal micro-lens. <i>Optics Letters</i> , 2013, 38, 5414.	1.7	33
418	Time-Resolved Fluorescence Anisotropy of Surface Plasmon Coupled Emission on Metallic Gratings. <i>Journal of Physical Chemistry C</i> , 2013, 117, 26734-26739.	1.5	13
419	Femtosecond Spectroscopic Study of Photoinduced Charge Separation and Recombination in the Donor-Acceptor Co-Oligomers for Solar Cells. <i>Journal of Physical Chemistry C</i> , 2013, 117, 4836-4843.	1.5	11
420	Ultrasensitive temperature sensor based on an isopropanol-sealed optical microfiber taper. <i>Optics Letters</i> , 2013, 38, 1209.	1.7	74
421	Rapid, Controllable Fabrication of Regular Complex Microarchitectures by Capillary Assembly of Micropillars and Their Application in Selectively Trapping/Releasing Microparticles. <i>Small</i> , 2013, 9, 760-767.	5.2	25
422	Spectral engineering by flexible tunings of optical Tamm states and Fabry-Perot cavity resonance. <i>Optics Letters</i> , 2013, 38, 4382.	1.7	28
423	Compact fiber tip modal interferometer for high-temperature and transverse load measurements. <i>Optics Letters</i> , 2013, 38, 3202.	1.7	34
424	Sensing combustion intermediates by femtosecond filament excitation. <i>Optics Letters</i> , 2013, 38, 1250.	1.7	56
425	Monolithic bifocal zone-plate lenses for confocal collimation of laser diodes. <i>Optics Letters</i> , 2013, 38, 3739.	1.7	9
426	Silver-Coated Rose Petal: Green, Facile, Low-Cost and Sustainable Fabrication of a SERS Substrate with Unique Superhydrophobicity and High Efficiency. <i>Advanced Optical Materials</i> , 2013, 1, 56-60.	3.6	102
427	Protein 'smart' micro/nano-biooptics via femtosecond laser direct writing. , 2013, , .		0
428	A hierarchical federated integration framework for trust e-commerce cloud. , 2013, , .		1
429	A hierarchical federated integration framework for trust e-commerce cloud. <i>WIT Transactions on Information and Communication Technologies</i> , 2013, , .	0.0	0
430	Highly flexible inverted organic solar cells with improved performance by using an ultrasmooth Ag cathode. <i>Applied Physics Letters</i> , 2012, 101, 133303.	1.5	19
431	Omnidirectional emission from top-emitting organic light-emitting devices with microstructured cavity. <i>Optics Letters</i> , 2012, 37, 124.	1.7	30
432	Electro-optical detection based on large Kerr effect in polymer-stabilized liquid crystals. <i>Optics Letters</i> , 2012, 37, 842.	1.7	6

#	ARTICLE	IF	CITATIONS
433	Highly flexible and efficient top-emitting organic light-emitting devices with ultrasmooth Ag anode. Optics Letters, 2012, 37, 1796.	1.7	29
434	Direct laser interference ablating nanostructures on organic crystals. Optics Letters, 2012, 37, 686.	1.7	13
435	Tunable protein harmonic diffractive micro-optical elements. Optics Letters, 2012, 37, 2973.	1.7	22
436	Optical Tamm states enhanced broad-band absorption of organic solar cells. Applied Physics Letters, 2012, 101, .	1.5	106
437	Improved Performance of ITO-Free Organic Solar Cells Using a Low-Workfunction and Periodically Corrugated Metallic Cathode. IEEE Photonics Journal, 2012, 4, 1737-1743.	1.0	6
438	FDTD Study on the Invisibility Performance of Two-Dimensional Cylindrical Cloak With Off-Plane Incidence. Journal of Lightwave Technology, 2012, 30, 1835-1842.	2.7	7
439	Enhanced efficiency of organic light-emitting devices with metallic electrodes by integrating periodically corrugated structure. Applied Physics Letters, 2012, 100, .	1.5	54
440	Surface-plasmon enhanced absorption in organic solar cells by employing a periodically corrugated metallic electrode. Applied Physics Letters, 2012, 101, .	1.5	53
441	Overpass at the junction of a crossed microchannel: An enabler for 3D microfluidic chips. Lab on A Chip, 2012, 12, 3866.	3.1	31
442	Flexible lasers based on the microstructured single-crystalline ultrathin films. Journal of Materials Chemistry, 2012, 22, 24139.	6.7	24
443	An ontology enabled runtime infrastructure. , 2012, , .		0
444	Compact Long-Period Fiber Gratings With Resonance at Second-Order Diffraction. IEEE Photonics Technology Letters, 2012, 24, 1393-1395.	1.3	39
445	A hierarchical federated integration architecture for collaborative product development. International Journal of Computer Integrated Manufacturing, 2012, 25, 901-913.	2.9	4
446	Top down fabrication of organic nanocrystals by femtosecond laser induced transfer method. CrystEngComm, 2012, 14, 4596.	1.3	4
447	Magnetic/upconversion luminescent mesoparticles of Fe ₃ O ₄ @LaF ₃ :Yb ³⁺ , Er ³⁺ for dual-modal bioimaging. Chemical Communications, 2012, 48, 11238.	2.2	54
448	Nanoporous TiO ₂ /Polyion Thin-Film-Coated Long-Period Grating Sensors for the Direct Measurement of Low-Molecular-Weight Analytes. Langmuir, 2012, 28, 8814-8821.	1.6	24
449	Distributed feedback lasing from thin organic crystal based on active waveguide grating structures. Organic Electronics, 2012, 13, 1602-1605.	1.4	13
450	The effect of carrier injection and transport of hosts on organic electrophosphorescent device. Synthetic Metals, 2012, 162, 516-521.	2.1	3

#	ARTICLE	IF	CITATIONS
451	Laser patterning of conductive gold micronanostructures from nanodots. <i>Nanoscale</i> , 2012, 4, 6955.	2.8	21
452	A novel architecture towards trusted E-commerce cloud. , 2012, , .		2
453	Recent developments in superhydrophobic surfaces with unique structural and functional properties. <i>Soft Matter</i> , 2012, 8, 11217.	1.2	342
454	Biomimetic graphene films and their properties. <i>Nanoscale</i> , 2012, 4, 4858.	2.8	84
455	A light-driven turbine-like micro-rotor and study on its light-to-mechanical power conversion efficiency. <i>Applied Physics Letters</i> , 2012, 101, .	1.5	37
456	High-performance magnetic antimicrobial Janus nanorods decorated with Ag nanoparticles. <i>Journal of Materials Chemistry</i> , 2012, 22, 23741.	6.7	39
457	Novel Zn-doped SnO ₂ hierarchical architectures: synthesis, characterization, and gas sensing properties. <i>CrystEngComm</i> , 2012, 14, 1701-1708.	1.3	65
458	On-chip fabrication of silver microflower arrays as a catalytic microreactor for allowing in situ SERS monitoring. <i>Chemical Communications</i> , 2012, 48, 1680-1682.	2.2	105
459	Highly efficient SERS test strips. <i>Chemical Communications</i> , 2012, 48, 5913.	2.2	100
460	S-Tapered Fiber Sensors for Highly Sensitive Measurement of Refractive Index and Axial Strain. <i>Journal of Lightwave Technology</i> , 2012, 30, 3126-3132.	2.7	86
461	Bandgap Tailoring and Synchronous Microdevices Patterning of Graphene Oxides. <i>Journal of Physical Chemistry C</i> , 2012, 116, 3594-3599.	1.5	111
462	Universal Electron Injection Dynamics at Nanointerfaces in Dye-Sensitized Solar Cells. <i>Advanced Functional Materials</i> , 2012, 22, 2783-2791.	7.8	23
463	Innentitelbild: Dynamically Tunable Protein Microlenses (<i>Angew. Chem.</i> 7/2012). <i>Angewandte Chemie</i> , 2012, 124, 1522-1522.	1.6	0
464	Biomimetic Graphene Surfaces with Superhydrophobicity and Iridescence. <i>Chemistry - an Asian Journal</i> , 2012, 7, 301-304.	1.7	77
465	An integrated device for patterning cells and selectively detaching. <i>Biomedical Microdevices</i> , 2012, 14, 471-481.	1.4	3
466	Two-beam-laser interference mediated reduction, patterning and nanostructuring of graphene oxide for the production of a flexible humidity sensing device. <i>Carbon</i> , 2012, 50, 1667-1673.	5.4	290
467	Electrostatic self-assembly of graphene-silver multilayer films and their transmittance and electronic conductivity. <i>Carbon</i> , 2012, 50, 4343-4350.	5.4	45
468	Tunable photonic crystals from emulsion containing magnetic nanoparticles. <i>Materials Letters</i> , 2012, 66, 29-32.	1.3	3

#	ARTICLE	IF	CITATIONS
469	Investigation of Polaron Pair Dynamics in Poly(3-Hexylthiophene) Film by Time Resolved Spectroscopy. IEEE Journal of Quantum Electronics, 2012, 48, 425-432.	1.0	9
470	Distributed Feedback Lasers Based on Thiophene/Phenylene Co-Oligomer Single Crystals. Advanced Functional Materials, 2012, 22, 33-38.	7.8	81
471	Organic Single Crystalline Lasers: Distributed Feedback Lasers Based on Thiophene/Phenylene Co-Oligomer Single Crystals (Adv. Funct. Mater. 1/2012). Advanced Functional Materials, 2012, 22, 32-32.	7.8	1
472	Solving Efficiency-Stability Tradeoff in Top-Emitting Organic Light-Emitting Devices by Employing Periodically Corrugated Metallic Cathode. Advanced Materials, 2012, 24, 1187-1191.	11.1	96
473	Dynamically Tunable Protein Microlenses. Angewandte Chemie - International Edition, 2012, 51, 1558-1562.	7.2	105
474	Inside Cover: Dynamically Tunable Protein Microlenses (Angew. Chem. Int. Ed. 7/2012). Angewandte Chemie - International Edition, 2012, 51, 1492-1492.	7.2	0
475	Magnetic colloidosomes fabricated by Fe ₃ O ₄ -SiO ₂ hetero-nanorods. Soft Matter, 2011, 7, 7375.	1.2	39
476	Ontology maintenance in a hierarchical federated collaborative product development environment. , 2011, , .		1
477	Hierarchical self-assembly of CdTe quantum dots into hyperbranched nanobundles: Suppression of biexciton Auger recombination. Nanoscale, 2011, 3, 2882.	2.8	19
478	Comparative Time-Resolved Study of Two Aggregation-Induced Emissive Molecules. Journal of Physical Chemistry C, 2011, 115, 16150-16154.	1.5	46
479	Operation of micro and molecular machines: a new concept with its origins in interface science. Physical Chemistry Chemical Physics, 2011, 13, 4802.	1.3	45
480	Exciton diffusion and charge transfer dynamics in nano phase-separated P3HT/PCBM blend films. Nanoscale, 2011, 3, 2280.	2.8	99
481	Solvent response of polymers for micromachine manipulation. Physical Chemistry Chemical Physics, 2011, 13, 4835.	1.3	33
482	Localized flexible integration of high-efficiency surface enhanced Raman scattering (SERS) monitors into microfluidic channels. Lab on A Chip, 2011, 11, 3347.	3.1	98
483	Facile creation of hierarchical PDMS microstructures with extreme underwater superoleophobicity for anti-oil application in microfluidic channels. Lab on A Chip, 2011, 11, 3873.	3.1	127
484	Magnetic-mesoporous Janus nanoparticles. Chemical Communications, 2011, 47, 1225-1227.	2.2	115
485	Monitoring Thermal Effect in Femtosecond Laser Interaction With Glass by Fiber Bragg Grating. Journal of Lightwave Technology, 2011, 29, 2126-2130.	2.7	34
486	Ultrahigh sensitivity electric field detection with a liquid electro-optical film. Optics Letters, 2011, 36, 1158.	1.7	3

#	ARTICLE	IF	CITATIONS
487	Simultaneous efficiency enhancement and self-cleaning effect of white organic light-emitting devices by flexible antireflective films. <i>Optics Letters</i> , 2011, 36, 2635.	1.7	21
488	Whispering-gallery-mode microdisk lasers produced by femtosecond laser direct writing. <i>Optics Letters</i> , 2011, 36, 2871.	1.7	60
489	Maskless laser tailoring of conical pillar arrays for antireflective biomimetic surfaces. <i>Optics Letters</i> , 2011, 36, 3305.	1.7	50
490	Rapid fabrication of microhole array structured optical fibers. <i>Optics Letters</i> , 2011, 36, 3879.	1.7	27
491	Grating amplitude effect on electroluminescence enhancement of corrugated organic light-emitting devices. <i>Optics Letters</i> , 2011, 36, 3915.	1.7	44
492	Single S-tapered fiber Mach-Zehnder interferometers. <i>Optics Letters</i> , 2011, 36, 4482.	1.7	152
493	High-Quality Large-Size Organic Crystals Prepared by Improved Physical Vapor Growth Technique and Their Optical Gain Properties. <i>Journal of Physical Chemistry C</i> , 2011, 115, 9171-9175.	1.5	28
494	Transient Absorption Spectroscopic Study on Band-Structure-Type Change in CdTe/CdS Core-Shell Quantum Dots. <i>IEEE Journal of Quantum Electronics</i> , 2011, 47, 1177-1184.	1.0	27
495	Surface Plasmon Enhanced Fluorescence of Dye Molecules on Metal Grating Films. <i>Journal of Physical Chemistry C</i> , 2011, 115, 12636-12642.	1.5	79
496	Outcoupling of trapped optical modes in organic light-emitting devices with one-step fabricated periodic corrugation by laser ablation. <i>Organic Electronics</i> , 2011, 12, 1927-1935.	1.4	74
497	Efficiency Enhancement in Organic Light-Emitting Devices With a Magnetic Doped Hole-Transport Layer. <i>IEEE Photonics Journal</i> , 2011, 3, 26-30.	1.0	14
498	Tapered and Tip-Grounded Waveguide Electrooptical Microsensors. <i>IEEE Photonics Journal</i> , 2011, 3, 57-63.	1.0	2
499	Strain at Native $\text{SiO}_2/\text{Si}(111)$ Interface Characterized by Strain-Scanning Second-Harmonic Generation. <i>IEEE Journal of Quantum Electronics</i> , 2011, 47, 55-59.	1.0	6
500	Role of Fe_3O_4 as a p-Dopant in Improving the Hole Injection and Transport of Organic Light-Emitting Devices. <i>IEEE Journal of Quantum Electronics</i> , 2011, 47, 591-596.	1.0	16
501	Excited State Dynamics of 2-MPT-Derived Fluorescent Molecular Switches. <i>IEEE Journal of Quantum Electronics</i> , 2011, 47, 1163-1170.	1.0	0
502	Three-Level Biomimetic Rice-Leaf Surfaces with Controllable Anisotropic Sliding. <i>Advanced Functional Materials</i> , 2011, 21, 2927-2932.	7.8	251
503	Cyano-Substituted Oligo(phenylene vinylene) Single Crystals: A Promising Laser Material. <i>Advanced Functional Materials</i> , 2011, 21, 3770-3777.	7.8	98
504	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.	11.1	268

#	ARTICLE	IF	CITATIONS
505	A SERS-Active microfluidic device with tunable surface plasmon resonances. <i>Electrophoresis</i> , 2011, 32, 3378-3384.	1.3	53
506	Hybrid-Excited State Dynamics of Gold Nanorods/Dye Aggregates under Strong Coupling. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7824-7828.	7.2	48
507	Role of Electronic Excitation in the Amorphization of Ge-Sb-Te Alloys. <i>Physical Review Letters</i> , 2011, 107, 015501.	2.9	107
508	Surface plasmon enhanced absorption dynamics of regioregular poly(3-hexylthiophene). <i>Applied Physics Letters</i> , 2011, 98, 251501.	1.5	23
509	Single-mode operation regime for 12-fold index-guiding quasicrystal optical fibers. <i>Applied Physics B: Lasers and Optics</i> , 2010, 100, 499-503.	1.1	14
510	Two-Photon Absorption and Spectral-Narrowed Light Source. <i>IEEE Journal of Quantum Electronics</i> , 2010, 46, 1775-1781.	1.0	12
511	Efficient Two-Photon Excited Amplified Spontaneous Emission from Organic Single Crystals. <i>ChemPhysChem</i> , 2010, 11, 1871-1875.	1.0	6
512	Ferrofluids for Fabrication of Remotely Controllable Micro-Nanomachines by Two-Photon Polymerization. <i>Advanced Materials</i> , 2010, 22, 3204-3207.	11.1	222
513	Direct imprinting of microcircuits on graphene oxides film by femtosecond laser reduction. <i>Nano Today</i> , 2010, 5, 15-20.	6.2	453
514	Designable 3D nanofabrication by femtosecond laser direct writing. <i>Nano Today</i> , 2010, 5, 435-448.	6.2	452
515	Efficient top-emitting organic light-emitting devices using Fe ₃ O ₄ modified Ag anode. <i>Organic Electronics</i> , 2010, 11, 1891-1895.	1.4	14
516	Flexible Nanowiring of Metal on Nonplanar Substrates by Femtosecond-Laser-Induced Electroless Plating. <i>Small</i> , 2010, 6, 1762-1766.	5.2	114
517	High numerical aperture microlens arrays of close packing. <i>Applied Physics Letters</i> , 2010, 97, .	1.5	143
518	Polarization dependent two-photon properties in an organic crystal. <i>Applied Physics Letters</i> , 2010, 97, .	1.5	26
519	A simple strategy to realize biomimetic surfaces with controlled anisotropic wetting. <i>Applied Physics Letters</i> , 2010, 96, .	1.5	49
520	A facile approach for artificial biomimetic surfaces with both superhydrophobicity and iridescence. <i>Soft Matter</i> , 2010, 6, 263-267.	1.2	72
521	Impurity doping in SiO_2 Formation energies and defect levels from first-principles calculations. <i>Physical Review B</i> , 2010, 82, .		
522	Amplified spontaneous emission in the cyano-substituted oligo(p-phenylenevinylene) organic crystals: Effect of excitation wavelength. <i>Applied Physics Letters</i> , 2010, 96, .	1.5	20

#	ARTICLE	IF	CITATIONS
523	Two-Photon Pumped Amplified Spontaneous Emission from Cyano-Substituted Oligo(<i>p</i> -phenylenevinylene) Crystals with Aggregation-Induced Emission Enhancement. <i>Journal of Physical Chemistry C</i> , 2010, 114, 11958-11961.	1.5	92
524	Study of Electron-Phonon Coupling Dynamics in Au Nanorods by Transient Depolarization Measurements. <i>Journal of Physical Chemistry C</i> , 2010, 114, 2913-2917.	1.5	35
525	Magnetic Nanofilm of Fe ₃ O ₄ for Highly Efficient Organic Light-Emitting Devices. <i>Journal of Physical Chemistry C</i> , 2010, 114, 6718-6721.	1.5	27
526	One-Step Preparation of Regular Micropearl Arrays for Two-Direction Controllable Anisotropic Wetting. <i>Langmuir</i> , 2010, 26, 12012-12016.	1.6	73
527	Two-photon excited highly polarized and directional upconversion emission from slab organic crystals. <i>Optics Letters</i> , 2010, 35, 441.	1.7	53
528	Optical probing of electric fields with an electro-acoustic effect toward integrated circuit diagnosis. <i>Optics Letters</i> , 2010, 35, 580.	1.7	6
529	Validity of the V parameter for photonic quasi-crystal fibers. <i>Optics Letters</i> , 2010, 35, 1064.	1.7	28
530	Femtosecond laser direct patterning of sensing materials toward flexible integration of micronanosensors. <i>Optics Letters</i> , 2010, 35, 1695.	1.7	24
531	Temporal dynamics of two-photon-pumped amplified spontaneous emission in slab organic crystals. <i>Optics Letters</i> , 2010, 35, 2561.	1.7	14
532	Surface-enhanced Raman scattering substrates of high-density and high-homogeneity hot spots by magneto-metal nanoprobe assembling. <i>Optics Letters</i> , 2010, 35, 3297.	1.7	24
533	Near-Infrared Femtosecond Laser for Studying the Strain in $\text{Si}_{1-x}\text{Ge}_x$ Alloy Films via Second-Harmonic Generation. <i>IEEE Photonics Journal</i> , 2010, 2, 974-980.	1.0	6
534	Mask-Free Production of Integratable Monolithic Micro Logarithmic Axicon Lenses. <i>Journal of Lightwave Technology</i> , 2010, 28, 1256-1260.	2.7	17
535	Time-Resolved Fluorescence Study of Aggregation-Induced Emission Enhancement by Restriction of Intramolecular Charge Transfer State. <i>Journal of Physical Chemistry B</i> , 2010, 114, 128-134.	1.2	188
536	High performance magnetically controllable microturbines. <i>Lab on A Chip</i> , 2010, 10, 2902.	3.1	87
537	Embellishment of microfluidic devices via femtosecond laser micronanofabrication for chip functionalization. <i>Lab on A Chip</i> , 2010, 10, 1993.	3.1	81
538	Solid state emission enhancement of 9,10-distyrylanthracene derivatives and amplified spontaneous emission from a large single crystal. <i>New Journal of Chemistry</i> , 2010, 34, 1838.	1.4	46
539	Photonic quasicrystals exhibit zero-transmission regions due to translational arrangement of constituent parts. <i>Physical Review B</i> , 2009, 79, .	1.1	24
540	Self-organization of polymer nanoneedles into large-area ordered flowerlike arrays. <i>Applied Physics Letters</i> , 2009, 95, 091902.	1.5	35

#	ARTICLE	IF	CITATIONS
541	Three-dimensional micromanufacturing via two-photon-excited photoisomerization. Applied Physics Letters, 2009, 95, 083118.	1.5	12
542	Improved hole injection and transport of organic light-emitting devices with an efficient p-doped hole-injection layer. Applied Physics Letters, 2009, 95, 263303.	1.5	13
543	Femtosecond laser-induced two-photon polymerization: A new avenue towards microoptics and micromechanics. , 2009, , .		0
544	Two-photon induced amplified spontaneous emission from needlelike triphenylamine-containing derivative crystals with low threshold. Applied Physics Letters, 2009, 94, 201113.	1.5	39
545	Doped Organic Crystals with High Efficiency, Color-Tunable Emission toward Laser Application. Crystal Growth and Design, 2009, 9, 4945-4950.	1.4	85
546	Band-Gap-Controllable Photonic Crystals Consisting of Magnetic Nanocrystal Clusters in a Solidified Polymer Matrix. Journal of Physical Chemistry C, 2009, 113, 18542-18545.	1.5	30
547	Size-dependent behaviors of femtosecond laser-prototyped polymer microwires. Optics Letters, 2009, 34, 566.	1.7	27
548	Remote manipulation of micromanomachines containing magnetic nanoparticles. Optics Letters, 2009, 34, 581.	1.7	82
549	Enhancement of second-harmonic generation from silicon stripes under external cylindrical strain. Optics Letters, 2009, 34, 3340.	1.7	22
550	100% Fill-Factor Aspheric Microlens Arrays (AMLA) With Sub-20-nm Precision. IEEE Photonics Technology Letters, 2009, 21, 1535-1537.	1.3	58
551	Synthesis, characterization, two-photon absorption, and optical limiting properties of triphenylamine-based dendrimers. New Journal of Chemistry, 2009, 33, 2457.	1.4	42
552	Enhanced hole injection in organic light-emitting devices by using Fe ₃ O ₄ as an anodic buffer layer. Applied Physics Letters, 2009, 94, 223306.	1.5	46
553	Femtosecond laser rapid prototyping of nanoshells and suspending components towards microfluidic devices. Lab on A Chip, 2009, 9, 2391.	3.1	162
554	Multi-shot interference approach for any kind of Bravais lattice. Applied Physics B: Lasers and Optics, 2008, 93, 251-256.	1.1	6
555	Metal-nanoshelled three-dimensional photonic lattices. Optics Letters, 2008, 33, 1999.	1.7	20
556	Dammann gratings as integratable micro-optical elements created by laser micromanufacturing via two-photon photopolymerization. Optics Letters, 2008, 33, 2559.	1.7	25
557	High efficiency multilevel phase-type fractal zone plates. Optics Letters, 2008, 33, 2913.	1.7	63
558	Two-photon induced polymer nanomovement. Optics Express, 2008, 16, 14106.	1.7	36

#	ARTICLE	IF	CITATIONS
559	Temperature effects on pinpoint photopolymerization and polymerized micronanostructures. Applied Physics Letters, 2008, 92, 041902.	1.5	34
560	Hydrogen in ZnO revisited: Bond center versus antibonding site. Physical Review B, 2008, 78, .	1.1	35
561	Giant elasticity of photopolymer nanowires. Applied Physics Letters, 2007, 91, .	1.5	38
562	Elasticity of two-photon-fabricated nano-wires. , 2007, , .		0
563	Phase lenses and mirrors created by laser micronanofabrication via two-photon photopolymerization. Applied Physics Letters, 2007, 91, 171105.	1.5	51
564	Two-Photon Photopolymerization and 3D Lithographic Microfabrication. Advances in Polymer Science, 2006, , 169-273.	0.4	261
565	Multi-step multi-beam laser interference patterning of three-dimensional photonic lattices. Optics Express, 2006, 14, 2309.	1.7	20
566	The study on spatial resolution in two-photon induced polymerization. , 2006, 6110, 56.		12
567	Two-Photon Photopolymerization and 3D Lithographic Microfabrication. ChemInform, 2005, 36, no.	0.1	10
568	Multiple-spot parallel processing for laser micronanofabrication. Applied Physics Letters, 2005, 86, 044102.	1.5	245
569	Methods for the characterization of deformable membrane mirrors. Applied Optics, 2005, 44, 5131.	2.1	48
570	Direct laser writing defects in holographic lithography-created photonic lattices. Optics Letters, 2005, 30, 881.	1.7	27
571	Improved spatial resolution and surface roughness in photopolymerization-based laser nanowriting. Applied Physics Letters, 2005, 86, 071122.	1.5	192
572	Creation of a Micro-Nanoworld with Photons. Seikei-Kakou, 2005, 17, 524-527.	0.0	0
573	TWO-PHOTON ABSORBING PHENYLENEVINYLENE DERIVATIVE HAVING SILYLOXY MOIETIES IN DONOR UNITS. Journal of Nonlinear Optical Physics and Materials, 2004, 13, 467-474.	1.1	5
574	Two-photon polymerization of metal ions doped acrylate monomers and oligomers for three-dimensional structure fabrication. Thin Solid Films, 2004, 453-454, 518-521.	0.8	82
575	Microfabrication of gold dots in SiO ₂ /TiO ₂ glass films by two-photon absorption. Physica E: Low-Dimensional Systems and Nanostructures, 2004, 21, 456-459.	1.3	7
576	Shape precompensation in two-photon laser nanowriting of photonic lattices. Applied Physics Letters, 2004, 85, 3708-3710.	1.5	85

#	ARTICLE	IF	CITATIONS
577	Two-photon lasing of dye-doped photonic crystal lasers. Applied Physics Letters, 2004, 84, 1632-1634.	1.5	28
578	Microfabrication of Two and Three Dimensional Structures by Two-Photon Polymerization. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2004, 17, 393-396.	0.1	15
579	Recent Progress of Lithographic Microfabrication by the TPA-Induced Photopolymerization. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2004, 17, 385-392.	0.1	15
580	Three-Dimensional Nanonetwork Assembled in a Photopolymerized Rod Array. Advanced Materials, 2003, 15, 2011-2014.	11.1	26
581	Two-photon photopolymerization as a tool for making micro-devices. Applied Surface Science, 2003, 208-209, 153-158.	3.1	54
582	Experimental investigation of single voxels for laser nanofabrication via two-photon photopolymerization. Applied Physics Letters, 2003, 83, 819-821.	1.5	87
583	Scaling laws of voxels in two-photon photopolymerization nanofabrication. Applied Physics Letters, 2003, 83, 1104-1106.	1.5	178
584	Two-photon laser precision microfabrication and its applications to micro-nano devices and systems. Journal of Lightwave Technology, 2003, 21, 624-633.	2.7	115
585	Photofabrication of wood-pile three-dimensional photonic crystals using four-beam laser interference. Applied Physics Letters, 2003, 83, 608-610.	1.5	66
586	Two-photon photoreduction of metallic nanoparticle gratings in a polymer matrix. Applied Physics Letters, 2003, 83, 1426-1428.	1.5	124
587	Submicron diamond-lattice photonic crystals produced by two-photon laser nanofabrication. Applied Physics Letters, 2003, 83, 2091-2093.	1.5	87
588	Two-photon absorption for three-dimensional micro/nanofabrication and data storage. , 2003, 4797, 240.		3
589	Two-photon micromachining for functional photonic crystals. , 2003, , .		0
590	Generation and Formation of Gold Nanoparticles with Spatial Control by Two-Photon Femtosecond Laser Interference. Materials Research Society Symposia Proceedings, 2003, 780, 261.	0.1	0
591	Two-Photon Photopolymerization of Functional Micro-Devices.. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2002, 15, 471-474.	0.1	9
592	Two-Photon Laser Micro-Nano Fabrication; Understanding from Single-Voxel Level. Materials Research Society Symposia Proceedings, 2002, 758, 461.	0.1	1
593	Three-dimensional focal spots related to two-photon excitation. Applied Physics Letters, 2002, 80, 3673-3675.	1.5	163
594	Rapid sub-diffraction-limit laser micro/nanoprocessing in a threshold material system. Applied Physics Letters, 2002, 80, 312-314.	1.5	206

#	ARTICLE	IF	CITATIONS
595	Arbitrary-lattice photonic crystals created by multiphoton microfabrication. Optics Letters, 2001, 26, 325.	1.7	194
596	Fabrication and direct transmission measurement of high-aspect-ratio two-dimensional silicon-based photonic crystal chips. Journal of the Optical Society of America B: Optical Physics, 2001, 18, 1084.	0.9	40
597	Femtosecond laser micro-fabrication for tailoring photonic crystals in resins and silica. Journal of Photochemistry and Photobiology A: Chemistry, 2001, 145, 41-47.	2.0	19
598	Finer features for functional microdevices. Nature, 2001, 412, 697-698.	13.7	2,656
599	Laser-Diode-Tuned Sequential Laser Atom Cooling and Trapping for Nanofabrications. Japanese Journal of Applied Physics, 2001, 40, L711-L714.	0.8	7
600	Two-photon photopolymerization and diagnosis of three-dimensional microstructures containing fluorescent dyes. Applied Physics Letters, 2001, 79, 1411-1413.	1.5	105
601	Microcavities in polymeric photonic crystals. Applied Physics Letters, 2001, 79, 1-3.	1.5	176
602	Elastic force analysis of functional polymer submicron oscillators. Applied Physics Letters, 2001, 79, 3173-3175.	1.5	122
603	Photonic lattices achieved with high-power femtosecond laser microexplosion in transparent solid materials. , 2000, 3888, 131.		5
604	Optically induced defects in vitreous silica. Applied Surface Science, 2000, 154-155, 696-700.	3.1	14
605	Title is missing!. Optical and Quantum Electronics, 2000, 32, 1295-1300.	1.5	5
606	Annealing of GaN-InGaN Multi Quantum Wells: Correlation between the Bandgap and Yellow Photoluminescence. Japanese Journal of Applied Physics, 2000, 39, 393-396.	0.8	11
607	Photonic Gaps in Reduced-Order Colloidal Particulate Assemblies. Japanese Journal of Applied Physics, 2000, 39, L591-L594.	0.8	8
608	Two-photon readout of three-dimensional memory in silica. Applied Physics Letters, 2000, 77, 13-15.	1.5	79
609	Recording by microexplosion and two-photon reading of three-dimensional optical memory in polymethylmethacrylate films. Applied Physics Letters, 2000, 76, 1000-1002.	1.5	103
610	Influence of buffer layer and growth temperature on the properties of an undoped GaN layer grown on sapphire substrate by metalorganic chemical vapor deposition. Applied Physics Letters, 2000, 76, 2220-2222.	1.5	58
611	Microfabrication by femtosecond laser irradiation. , 2000, 3933, 246.		27
612	Growth and property characterizations of photonic crystal structures consisting of colloidal microparticles. Journal of the Optical Society of America B: Optical Physics, 2000, 17, 476.	0.9	17

#	ARTICLE	IF	CITATIONS
613	Real three-dimensional microstructures fabricated by photopolymerization of resins through two-photon absorption. <i>Optics Letters</i> , 2000, 25, 1110.	1.7	153
614	Generation and Recombination of Defects in Vitreous Silica Induced by Irradiation with a Near-Infrared Femtosecond Laser. <i>Journal of Physical Chemistry B</i> , 2000, 104, 3450-3455.	1.2	86
615	Three-Dimensional Microstructures Created by Laser Microfabrication Technology. <i>Japanese Journal of Applied Physics</i> , 1999, 38, L212-L215.	0.8	13
616	Microfabrication and Characteristics of Two-Dimensional Photonic Crystal Structures in Vitreous Silica. <i>Optical Review</i> , 1999, 6, 396-398.	1.2	63
617	Three-dimensional photonic crystal structures achieved with two-photon-absorption photopolymerization of resin. <i>Applied Physics Letters</i> , 1999, 74, 786-788.	1.5	581
618	Luminescence and defect formation by visible and near-infrared irradiation of vitreous silica. <i>Physical Review B</i> , 1999, 60, 9959-9964.	1.1	79
619	Transmission and photoluminescence images of three-dimensional memory in vitreous silica. <i>Applied Physics Letters</i> , 1999, 74, 3957-3959.	1.5	68
620	Laser-Induced Damage Threshold and Surface Processing of GaN at 400 nm Wavelength. <i>Japanese Journal of Applied Physics</i> , 1999, 38, L839-L841.	0.8	22
621	Inlaid Si^{IV} -like Three-Dimensional Photonic Crystal Structures Created with Femtosecond Laser Microfabrication. <i>Materials Research Society Symposia Proceedings</i> , 1999, 605, 85.	0.1	10
622	Self-Organizing Three-Dimensional Colloidal Photonic Crystal Structure with Augmented Dielectric Contrast. <i>Japanese Journal of Applied Physics</i> , 1998, 37, L508-L511.	0.8	29
623	Three-Dimensional Optical Data Storage in Vitreous Silica. <i>Japanese Journal of Applied Physics</i> , 1998, 37, L1527-L1530.	0.8	120
624	Laser microfabrication/manipulation of dielectric materials. , 0, , .		1
625	High-reproducibility and high-fidelity two-photon photopolymerization of 3D photonic crystals. , 0, , .		0