

Qi-Dai Chen

List of Publications by Year in descending order

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173
papers

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179
times ranked

8556
citing authors

#	ARTICLE	IF	CITATIONS
1	Parallel-Integrated Sapphire Fiber Bragg Gratings Probe Sensor for High Temperature Sensing. IEEE Sensors Journal, 2022, 22, 5703-5708.	2.4	9
2	Non-Abelian braiding on photonic chips. Nature Photonics, 2022, 16, 390-395.	15.6	58
3	Free-Form Micro-Optics Out of Crystals: Femtosecond Laser 3D Sculpturing. Advanced Functional Materials, 2022, 32, .	7.8	19
4	Reprogrammable Soft Robot Actuation by Synergistic Magnetic and Light Fields. Advanced Functional Materials, 2022, 32, .	7.8	31
5	Broad-Bandwidth Micro-Diffractive Optical Elements. Laser and Photonics Reviews, 2022, 16, .	4.4	10
6	Polarization Independent Quantum Devices With Ultra-Low Birefringence Glass Waveguides. Journal of Lightwave Technology, 2021, 39, 1451-1457.	2.7	10
7	Circular cross section waveguides processed by multi-foci-shaped femtosecond pulses. Optics Letters, 2021, 46, 520.	1.7	10
8	Many-particle induced band renormalization processes in few- and mono-layer MoS ₂ . Nanotechnology, 2021, 32, 135208.	1.3	10
9	Light-Driven Magnetic Encoding for Hybrid Magnetic Micromachines. Nano Letters, 2021, 21, 1628-1635.	4.5	17
10	Vector scanning subtractive manufacturing technology for laser rapid fabrication. Optics Letters, 2021, 46, 1963.	1.7	8
11	Two-Photon Polymerization Nanomanufacturing Based on the Definition-“Reinforcement”-Solidification (DRS) Strategy. Journal of Lightwave Technology, 2021, 39, 2091-2098.	2.7	8
12	Optical FIB: Far-field fabrication with real-nanoscale spatial resolution in any solid materials. , 2021, , .		0
13	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
14	Wear-Resistant Blazed Gratings Fabricated by Etching-Assisted Femtosecond Laser Lithography. Journal of Lightwave Technology, 2021, 39, 4690-4694.	2.7	4
15	Resetting directional couplers for high-fidelity quantum photonic integrated chips. Optics Letters, 2021, 46, 5181.	1.7	4
16	Mexican-hat potential energy surface in two-dimensional III ₂ -VI ₃ materials and the importance of entropy barrier in ultrafast reversible ferroelectric phase change. Applied Physics Reviews, 2021, 8, .	5.5	13
17	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
18	General Rules Governing the Dynamical Encircling of an Arbitrary Number of Exceptional Points. Physical Review Letters, 2021, 127, 253901.	2.9	27

#	ARTICLE	IF	CITATIONS
19	Investigation of the structure and optical absorption of silicon coated with a chromium film after femtosecond laser irradiation. <i>Semiconductor Science and Technology</i> , 2020, 35, 015019.	1.0	11
20	Axially controllable multiple orbital angular momentum beam generator. <i>Applied Physics Letters</i> , 2020, 117, .	1.5	8
21	Active Surface with Dynamic Microstructures and Hierarchical Gradient Enabled by in situ Pneumatic Control. <i>Micromachines</i> , 2020, 11, 992.	1.4	2
22	Femtosecond laser programmed artificial musculoskeletal systems. <i>Nature Communications</i> , 2020, 11, 4536.	5.8	117
23	Optical subpicosecond nonvolatile switching and electron-phonon coupling in ferroelectric materials. <i>Physical Review B</i> , 2020, 102, .	1.1	9
24	Laser Fabrication of Bioinspired Graphene Surfaces With Superwettability. <i>Frontiers in Chemistry</i> , 2020, 8, 525.	1.8	10
25	Bioinspired Zoom Compound Eyes Enable Variable-Focus Imaging. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 10107-10117.	4.0	50
26	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
27	Convex silica microlens arrays via femtosecond laser writing. <i>Optics Letters</i> , 2020, 45, 636.	1.7	31
28	Long focusing range and self-healing Bessel vortex beam generator. <i>Optics Letters</i> , 2020, 45, 2580.	1.7	10
29	Diamond optical vortex generator processed by ultraviolet femtosecond laser. <i>Optics Letters</i> , 2020, 45, 2684.	1.7	8
30	UV&NIR femtosecond laser hybrid lithography for efficient printing of complex on-chip waveguides. <i>Optics Letters</i> , 2020, 45, 1862.	1.7	6
31	Plasmonic&Assisted Graphene Oxide Artificial Muscles. <i>Advanced Materials</i> , 2019, 31, e1806386.	11.1	134
32	Smart Compound Eyes Enable Tunable Imaging. <i>Advanced Functional Materials</i> , 2019, 29, 1903340.	7.8	66
33	Femtosecond Laser Inscribed Sapphire Fiber Bragg Grating for High Temperature and Strain Sensing. <i>IEEE Nanotechnology Magazine</i> , 2019, 18, 208-211.	1.1	43
34	Ultrafast Spectroscopic Study of Insulator&Semiconductor&Semimetal Transitions in Graphene Oxide and Its Reduced Derivatives. <i>Journal of Physical Chemistry C</i> , 2019, 123, 22550-22555.	1.5	15
35	Sapphire Concave Microlens Arrays for High-Fluence Pulsed Laser Homogenization. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 1615-1618.	1.3	21
36	Laser-Inscribed Stress-Induced Birefringence of Sapphire. <i>Nanomaterials</i> , 2019, 9, 1414.	1.9	13

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37	Dual-3D Femtosecond Laser Nanofabrication Enables Dynamic Actuation. ACS Nano, 2019, 13, 4041-4048.	7.3	90
38	High-Efficiency Spiral Zone Plates in Sapphire. IEEE Photonics Technology Letters, 2019, 31, 979-982.	1.3	9
39	On-Chip Polarization Rotators. Advanced Optical Materials, 2019, 7, 1900129.	3.6	18
40	Rapid Engraving of Artificial Compound Eyes from Curved Sapphire Substrate. Advanced Functional Materials, 2019, 29, 1900037.	7.8	60
41	Optical Nanofabrication of Concave Microlens Arrays. Laser and Photonics Reviews, 2019, 13, 1800272.	4.4	65
42	Centimeter-Sized Aplanatic Hybrid Diffractive-Refractive Lens. IEEE Photonics Technology Letters, 2019, 31, 3-6.	1.3	4
43	Femtosecond Laser Nano-Fabrication With Extended Processing Range. IEEE Photonics Technology Letters, 2019, 31, 133-136.	1.3	6
44	Etching-assisted femtosecond laser modification of hard materials. Opto-Electronic Advances, 2019, 2, 19002101-19002114.	6.4	60
45	Aplanatic Zone Plate Embedded in Sapphire. IEEE Photonics Technology Letters, 2018, 30, 509-512.	1.3	3
46	Hybrid-State Dynamics of Dye Molecules and Surface Plasmon Polaritons under Ultrastrong Coupling Regime. Laser and Photonics Reviews, 2018, 12, 1700176.	4.4	25
47	Intense Femtosecond Laser-Mediated Electrical Discharge Enables Preparation of Amorphous Nickel Phosphide Nanoparticles. Langmuir, 2018, 34, 5712-5718.	1.6	6
48	Black Silicon IR Photodiode Supersaturated With Nitrogen by Femtosecond Laser Irradiation. IEEE Sensors Journal, 2018, 18, 3595-3601.	2.4	25
49	Formation of Deep-Subwavelength Structures on Organic Materials by Femtosecond Laser Ablation. IEEE Journal of Quantum Electronics, 2018, 54, 1-7.	1.0	5
50	NIR Photodetector Based on Nanosecond Laser-Modified Silicon. IEEE Transactions on Electron Devices, 2018, 65, 4905-4909.	1.6	16
51	Single-pulse writing of a concave microlens array. Optics Letters, 2018, 43, 831.	1.7	35
52	Mirror-rotation-symmetrical single-focus spiral zone plates. Optics Letters, 2018, 43, 3116.	1.7	12
53	Sub-bandgap photo-response of non-doped black-silicon fabricated by nanosecond laser irradiation. Optics Letters, 2018, 43, 1710.	1.7	15
54	Liquid-Assisted Femtosecond Laser Precision-Machining of Silica. Nanomaterials, 2018, 8, 287.	1.9	38

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55	Femtosecond Laser Direct Writing of Metallic Micro/Nanostructures: From Fabrication Strategies to Future Applications. <i>Small Methods</i> , 2018, 2, 1700413.	4.6	95
56	Carbon-Based Photothermal Actuators. <i>Advanced Functional Materials</i> , 2018, 28, 1802235.	7.8	297
57	Angle-multiplexed optical printing of biomimetic hierarchical 3D textures. <i>Laser and Photonics Reviews</i> , 2017, 11, 1600187.	4.4	41
58	Slow cooling and efficient extraction of C-exciton hot carriers in MoS2 monolayer. <i>Nature Communications</i> , 2017, 8, 13906.	5.8	132
59	Micro-buried spiral zone plate in a lithium niobate crystal. <i>Applied Physics Letters</i> , 2017, 110, 041102.	1.5	8
60	Toward On-Chip Unidirectional and Single-Mode Polymer Microlaser. <i>Journal of Lightwave Technology</i> , 2017, 35, 2331-2336.	2.7	9
61	Sensitively Humidity-Driven Actuator Based on Photopolymerizable PEG-DA Films. <i>Advanced Materials Interfaces</i> , 2017, 4, 1601002.	1.9	101
62	Sulfur-Doped Silicon Photodiode by Ion Implantation and Femtosecond Laser Annealing. <i>IEEE Sensors Journal</i> , 2017, 17, 2367-2371.	2.4	8
63	Gold-Hyperdoped Black Silicon With High IR Absorption by Femtosecond Laser Irradiation. <i>IEEE Nanotechnology Magazine</i> , 2017, 16, 502-506.	1.1	28
64	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
65	Dry-etching-assisted femtosecond laser machining. <i>Laser and Photonics Reviews</i> , 2017, 11, 1600115.	4.4	73
66	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
67	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
68	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
69	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
70	Multilevel phase-type diffractive lens embedded in sapphire. <i>Optics Letters</i> , 2017, 42, 3832.	1.7	17
71	Competition between subwavelength and deep-subwavelength structures ablated by ultrashort laser pulses. <i>Optica</i> , 2017, 4, 637.	4.8	53
72	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

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73	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
74	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
75	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
76	Hybrid Refractive-Diffractive Optical Vortex Microlens. <i>IEEE Photonics Technology Letters</i> , 2016, 28, 2299-2302.	1.3	16
77	Integrated optofluidic-microfluidic twin channels: toward diverse application of lab-on-a-chip systems. <i>Scientific Reports</i> , 2016, 6, 19801.	1.6	23
78	Fabrication of Black Silicon With Thermostable Infrared Absorption by Femtosecond Laser. <i>IEEE Photonics Journal</i> , 2016, 8, 1-9.	1.0	19
79	Sapphire-Based Dammann Gratings for UV Beam Splitting. <i>IEEE Photonics Journal</i> , 2016, 8, 1-8.	1.0	8
80	Efficient and mechanically robust stretchable organic light-emitting devices by a laser-programmable buckling process. <i>Nature Communications</i> , 2016, 7, 11573.	5.8	182
81	The Role of Trap-assisted Recombination in Luminescent Properties of Organometal Halide CH ₃ NH ₃ PbBr ₃ Perovskite Films and Quantum Dots. <i>Scientific Reports</i> , 2016, 6, 27286.	1.6	85
82	Dynamics of Strong Coupling between CdSe Quantum Dots and Surface Plasmon Polaritons in Subwavelength Hole Array. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4648-4654.	2.1	34
83	Protein-Based Multi-Mode Interference Optical Micro-Splitters. <i>IEEE Photonics Technology Letters</i> , 2016, 28, 629-632.	1.3	4
84	Sapphire-Based Fresnel Zone Plate Fabricated by Femtosecond Laser Direct Writing and Wet Etching. <i>IEEE Photonics Technology Letters</i> , 2016, 28, 1290-1293.	1.3	39
85	Plasmon-Photon Coupled Modes Lasing in a Silver-Coated Hemisphere. <i>IEEE Photonics Technology Letters</i> , 2016, 28, 351-354.	1.3	1
86	Protein-Based Three-Dimensional Whispering-Gallery-Mode Micro-Lasers with Stimulus-Responsiveness. <i>Scientific Reports</i> , 2015, 5, 12852.	1.6	37
87	Simultaneous Femtosecond Laser Doping and Surface Texturing for Implanting Applications. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500058.	1.9	8
88	Infrared Absorption of Femtosecond Laser Textured Silicon Under Vacuum. <i>IEEE Photonics Technology Letters</i> , 2015, 27, 1481-1484.	1.3	31
89	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
90	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

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91	Graphene: Moisture-Responsive Graphene Paper Prepared by Self-Controlled Photoreduction (Adv. Tj ETQq1 1 0.784314 rgBJ ₀ /Overlock	11.1	214
92	Customization of Protein Single Nanowires for Optical Biosensing. Small, 2015, 11, 2869-2876.	5.2	28
93	Photonic-Molecule Single-Mode Laser. IEEE Photonics Technology Letters, 2015, 27, 1157-1160.	1.3	31
94	Femtosecond Laser Direct Writing Assisted Nonequilibrium Doped Silicon n⁺-p Photodiodes for Light Sensing. IEEE Sensors Journal, 2015, 15, 4259-4263.	2.4	13
95	Aqueous multiphoton lithography with multifunctional silk-centred bio-resists. Nature Communications, 2015, 6, 8612.	5.8	111
96	High Curvature Concave"Convex Microlens. IEEE Photonics Technology Letters, 2015, 27, 2465-2468.	1.3	11
97	Solvent-tunable PDMS microlens fabricated by femtosecond laser direct writing. Journal of Materials Chemistry C, 2015, 3, 1751-1756.	2.7	62
98	Moisture"Responsive Graphene Paper Prepared by Self"Controlled Photoreduction. Advanced Materials, 2015, 27, 332-338.	11.1	214
99	Protein-based soft micro-optics fabricated by femtosecond laser direct writing. Light: Science and Applications, 2014, 3, e129-e129.	7.7	133
100	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 ETQq0 0 0 rgBT ₀ /Overlock 110 Tf 50 3	7.8	31
101	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
102	Strong coupling in hybrid plasmon-modulated nanostructured cavities. Applied Physics Letters, 2014, 105, 191117.	1.5	13
103	Point-by-Point Dip Coated Long-Period Gratings in Microfibers. IEEE Photonics Technology Letters, 2014, 26, 2503-2506.	1.3	17
104	Unraveling Charge Separation and Transport Mechanisms in Aqueous"Processed Polymer/CdTe Nanocrystal Hybrid Solar Cells. Advanced Energy Materials, 2014, 4, 1301882.	10.2	33
105	Miniature End-Capped Fiber Sensor for Refractive Index and Temperature Measurement. IEEE Photonics Technology Letters, 2014, 26, 7-10.	1.3	62
106	Photoreduction of Graphene Oxides: Methods, Properties, and Applications. Advanced Optical Materials, 2014, 2, 10-28.	3.6	235
107	Dynamic laser prototyping for biomimetic nanofabrication. Laser and Photonics Reviews, 2014, 8, 882-888.	4.4	27
108	Highly Stable On-Chip Embedded Organic Whispering Gallery Mode Lasers. Journal of Lightwave Technology, 2014, 32, 2415-2419.	2.7	20

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109	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
110	Laser-Mediated Programmable N Doping and Simultaneous Reduction of Graphene Oxides. <i>Advanced Optical Materials</i> , 2014, 2, 120-125.	3.6	64
111	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
112	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
113	Surface-Plasmon-Mediated Programmable Optical Nanofabrication of an Oriented Silver Nanoplate. <i>ACS Nano</i> , 2014, 8, 6682-6692.	7.3	49
114	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
115	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
116	Matching Photocurrents of Sub-cells in Double-Function Organic Solar Cells via Coupling Between Surface Plasmon Polaritons and Microcavity Modes. <i>Advanced Optical Materials</i> , 2013, 1, 809-813.	3.6	40
117	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
118	Mechanical stretch for tunable wetting from topological PDMS film. <i>Soft Matter</i> , 2013, 9, 4236.	1.2	36
119	Compact Long-Period Fiber Gratings Based on Periodic Microchannels. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 111-114.	1.3	17
120	Reflective Optical Fiber Sensors Based on Tilted Fiber Bragg Gratings Fabricated With Femtosecond Laser. <i>Journal of Lightwave Technology</i> , 2013, 31, 455-460.	2.7	50
121	Programmable assembly of CdTe quantum dots into microstructures by femtosecond laser direct writing. <i>Journal of Materials Chemistry C</i> , 2013, 1, 4699.	2.7	27
122	Integrating functional components into microfluidic channels by laser nanofabrication technologies toward high-performance LoCs. , 2013, , .		0
123	Whispering-gallery mode lasing from patterned molecular single-crystalline microcavity array. <i>Laser and Photonics Reviews</i> , 2013, 7, 281-288.	4.4	85
124	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
125	Robust high temperature sensor probe based on a Ni-coated fiber Bragg grating. <i>Chemical Research in Chinese Universities</i> , 2013, 29, 1199-1202.	1.3	4
126	Time-Resolved Spectroscopic Study of the Aggregation-Induced Emission Mechanism. , 2013, , 337-355.		0

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127	Highly flexible inverted organic solar cells with improved performance by using an ultrasmooth Ag cathode. Applied Physics Letters, 2012, 101, 133303.	1.5	19
128	Anomalous Electro-Optic Effect in Polar Liquid Films. IEEE Journal of Quantum Electronics, 2012, 48, 1310-1313.	1.0	1
129	Enhanced efficiency of organic light-emitting devices with metallic electrodes by integrating periodically corrugated structure. Applied Physics Letters, 2012, 100, .	1.5	54
130	Surface-plasmon enhanced absorption in organic solar cells by employing a periodically corrugated metallic electrode. Applied Physics Letters, 2012, 101, .	1.5	53
131	Flexible lasers based on the microstructured single-crystalline ultrathin films. Journal of Materials Chemistry, 2012, 22, 24139.	6.7	24
132	Compact Long-Period Fiber Gratings With Resonance at Second-Order Diffraction. IEEE Photonics Technology Letters, 2012, 24, 1393-1395.	1.3	39
133	Top down fabrication of organic nanocrystals by femtosecond laser induced transfer method. CrystEngComm, 2012, 14, 4596.	1.3	4
134	A light-driven turbine-like micro-rotor and study on its light-to-mechanical power conversion efficiency. Applied Physics Letters, 2012, 101, .	1.5	37
135	S-Tapered Fiber Sensors for Highly Sensitive Measurement of Refractive Index and Axial Strain. Journal of Lightwave Technology, 2012, 30, 3126-3132.	2.7	86
136	Bandgap Tailoring and Synchronous Microdevices Patterning of Graphene Oxides. Journal of Physical Chemistry C, 2012, 116, 3594-3599.	1.5	111
137	Universal Electron Injection Dynamics at Nanointerfaces in Dye-Sensitized Solar Cells. Advanced Functional Materials, 2012, 22, 2783-2791.	7.8	23
138	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
139	Distributed Feedback Lasers Based on Thiophene/Phenylene Co-Oligomer Single Crystals. Advanced Functional Materials, 2012, 22, 33-38.	7.8	81
140	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
141	Dynamically Tunable Protein Microlenses. Angewandte Chemie - International Edition, 2012, 51, 1558-1562.	7.2	105
142	Monitoring Thermal Effect in Femtosecond Laser Interaction With Glass by Fiber Bragg Grating. Journal of Lightwave Technology, 2011, 29, 2126-2130.	2.7	34
143	Transient Absorption Spectroscopic Study on Band-Structure-Type Change in CdTe/CdS Core-Shell Quantum Dots. IEEE Journal of Quantum Electronics, 2011, 47, 1177-1184.	1.0	27
144	Efficiency Enhancement in Organic Light-Emitting Devices With a Magnetic Doped Hole-Transport Layer. IEEE Photonics Journal, 2011, 3, 26-30.	1.0	14

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145	Tapered and Tip-Grounded Waveguide Electrooptical Microsensors. IEEE Photonics Journal, 2011, 3, 57-63.	1.0	2
146	Strain at Native $\text{SiO}_2/\text{Si}(111)$ Interface Characterized by Strain-Scanning Second-Harmonic Generation. IEEE Journal of Quantum Electronics, 2011, 47, 55-59.	1.0	6
147	Excited State Dynamics of 2-MPT-Derived Fluorescent Molecular Switches. IEEE Journal of Quantum Electronics, 2011, 47, 1163-1170.	1.0	0
148	Three-Level Biomimetic Rice Leaf Surfaces with Controllable Anisotropic Sliding. Advanced Functional Materials, 2011, 21, 2927-2932.	7.8	251
149	Surface plasmon enhanced absorption dynamics of regioregular poly(3-hexylthiophene). Applied Physics Letters, 2011, 98, 251501.	1.5	23
150	Laser nanofabrication: Applications in micro-optics, micro-electronics, micromachines, and microfluidics. , 2011, , .		0
151	Two-Photon Absorption and Spectral-Narrowed Light Source. IEEE Journal of Quantum Electronics, 2010, 46, 1775-1781.	1.0	12
152	Ferrofluids for Fabrication of Remotely Controllable Micro-Nanomachines by Two-Photon Polymerization. Advanced Materials, 2010, 22, 3204-3207.	11.1	222
153	Designable 3D nanofabrication by femtosecond laser direct writing. Nano Today, 2010, 5, 435-448.	6.2	452
154	Robust optical fiber grating achieved by femtosecond laser exposure. , 2010, , .		0
155	High numerical aperture microlens arrays of close packing. Applied Physics Letters, 2010, 97, .	1.5	143
156	Polarization dependent two-photon properties in an organic crystal. Applied Physics Letters, 2010, 97, .	1.5	26
157	The study on strain-induced second-harmonic generation in Si(111) surface and native $\text{SiO}_2/\text{Si}(111)$ interface. , 2010, , .		0
158	A simple strategy to realize biomimetic surfaces with controlled anisotropic wetting. Applied Physics Letters, 2010, 96, .	1.5	49
159	A facile approach for artificial biomimetic surfaces with both superhydrophobicity and iridescence. Soft Matter, 2010, 6, 263-267.	1.2	72
160	Amplified spontaneous emission in the cyano-substituted oligo(p-phenylenevinylene) organic crystals: Effect of excitation wavelength. Applied Physics Letters, 2010, 96, .	1.5	20
161	Study of Electron-Phonon Coupling Dynamics in Au Nanorods by Transient Depolarization Measurements. Journal of Physical Chemistry C, 2010, 114, 2913-2917.	1.5	35
162	Mask-Free Production of Integratable Monolithic Micro Logarithmic Axicon Lenses. Journal of Lightwave Technology, 2010, 28, 1256-1260.	2.7	17

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163	Self-organization of polymer nanoneedles into large-area ordered flowerlike arrays. Applied Physics Letters, 2009, 95, 091902.	1.5	35
164	Three-dimensional micronanofabrication via two-photon-excited photoisomerization. Applied Physics Letters, 2009, 95, 083118.	1.5	12
165	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
166	Femtosecond laser-induced two-photon polymerization: A new avenue towards microoptics and micromechanics. , 2009, , .		0
167	Two-photon induced amplified spontaneous emission from needlelike triphenylamine-containing derivative crystals with low threshold. Applied Physics Letters, 2009, 94, 201113.	1.5	39
168	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
169	100% Fill-Factor Aspheric Microlens Arrays (AMLA) With Sub-20-nm Precision. IEEE Photonics Technology Letters, 2009, 21, 1535-1537.	1.3	58
170	Dammann gratings as integratable micro-optical elements created by laser micronanofabrication via two-photon photopolymerization. Optics Letters, 2008, 33, 2559.	1.7	25
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