Qiaoliang Bao

List of Publications by Year
in descending order

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		4370	2940
292	37,895	86	189
papers	citations	h-index	g-index

308	308	308	38707
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nonlinear microscopy of lead iodide nanosheets. Optics Express, 2022, 30, 4793.	1.7	0
2	Polarized Raman Scattering of Inâ€Plane Anisotropic Phonon Modes in Î±â€˜MoO₃. Advanced Optical Materials, 2022, 10, .	3.6	17
3	Tailoring Topological Transitions of Anisotropic Polaritons by Interface Engineering in Biaxial Crystals. Nano Letters, 2022, 22, 4260-4268.	4.5	40
4	Tunable Cherenkov radiation based on a van der Waals semiconductor Î±-MoO₃ and graphene hybrid. Optics Letters, 2022, 47, 2458.	1.7	4
5	Engineering Graphene Grain Boundaries for Plasmonic Multi-Excitation and Hotspots. ACS Nano, 2022, 16, 9041-9048.	7.3	7
6	Two-dimensional Ta2NiSe5/GaSe van der Waals heterojunction for ultrasensitive visible and near-infrared dual-band photodetector. Applied Physics Letters, 2022, 120, .	1.5	11
7	Manipulating polaritons at the extreme scale in van der Waals materials. Nature Reviews Physics, 2022, 4, 578-594.	11.9	51
8	Probing the dynamic structural changes of <scp>DNA</scp> using ultrafast laser pulse in grapheneâ€based optofluidic device. InformaÄnÃ-MateriÃ¡ly, 2021, 3, 316-326.	8.5	4
9	Ultrathin Ga₂O₃ Glass: A Largeâ€Scale Passivation and Protection Material for Monolayer WS₂. Advanced Materials, 2021, 33, e2005732.	11.1	49
10	Waveguiding and Lasing in 2D Organic Semiconductor Znq₂. Advanced Photonics Research, 2021, 2, 2000057.	1.7	8
11	A grapheneâ€“Mo₂C heterostructure for a highly responsive broadband photodetector. Physical Chemistry Chemical Physics, 2021, 23, 23024-23031.	1.3	1
12	Hybridized Hyperbolic Surface Phonon Polaritons at Î±-MoO₃ and Polar Dielectric Interfaces. Nano Letters, 2021, 21, 3112-3119.	4.5	79
13	Harnessing the Potential of Graphitic Carbon Nitride for Optoelectronic Applications. Advanced Optical Materials, 2021, 9, 2100146.	3.6	22
14	Efficient and Tunable Reflection of Phonon Polaritons at Builtâ€In Intercalation Interfaces. Advanced Materials, 2021, 33, e2008070.	11.1	16
15	Two-Dimensional Bi₂Sr₂CaCu₂O_{8+Î´} Nanosheets for Ultrafast Photonics and Optoelectronics. ACS Nano, 2021, 15, 8919-8929.	7.3	20
16	Intermediate phase-enhanced Ostwald ripening for the elimination of phase segregation in efficient inorganic CsPbIBr2 perovskite solar cells. Science China Materials, 2021, 64, 2655-2666.	3.5	12
17	State of the Art and Prospects for Halide Perovskite Nanocrystals. ACS Nano, 2021, 15, 10775-10981.	7.3	705
18	Germanium Nanosheets with Dirac Characteristics as a Saturable Absorber for Ultrafast Pulse Generation. Advanced Materials, 2021, 33, e2101042.	11.1	38

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19	Layered 2H-MoTe2: A novel anode material for lithium-ion batteries. Materials Today: Proceedings, 2021, , .	0.9	3
20	Infrared Polaritonic Biosensors Based on Two-Dimensional Materials. Molecules, 2021, 26, 4651.	1.7	3
21	Ultrasensitive WSe₂ field-effect transistor-based biosensor for label-free detection of cancer in point-of-care applications. 2D Materials, 2021, 8, 045005.	2.0	23
22	Unraveling the synergetic mechanism of physisorption and chemisorption in laser-irradiated monolayer WS2. Nano Research, 2021, 14, 4274-4280.	5.8	6
23	Germanium Nanosheets with Dirac Characteristics as a Saturable Absorber for Ultrafast Pulse Generation (Adv. Mater. 32/2021). Advanced Materials, 2021, 33, 2170247.	11.1	5
24	All-polarization-maintaining linear fiber laser mode-locked by nonlinear polarization evolution with phase bias. Optics and Laser Technology, 2021, 142, 107160.	2.2	10
25	Focusing of in-plane hyperbolic polaritons in van der Waals crystals with tailored infrared nanoantennas. Science Advances, 2021, 7, eabj0127.	4.7	36
26	Ideal type-II Weyl points in twisted one-dimensional dielectric photonic crystals. Optics Express, 2021, 29, 40606.	1.7	10
27	Invisibility concentrator based on van der Waals semiconductor Î±-MoO3. Nanophotonics, 2021, .	2.9	2
28	Honeycomb-shaped charge collecting electrodes for dipole-assisted back-contact perovskite solar cells. Nano Energy, 2020, 67, 104223.	8.2	17
29	Boundary-Induced Auxiliary Features in Scattering-Type Near-Field Fourier Transform Infrared Spectroscopy. ACS Nano, 2020, 14, 1123-1132.	7.3	15
30	Large magnetotransport properties in mixed-dimensional van der Waals heterostructures of graphene foam. Carbon, 2020, 159, 648-655.	5.4	15
31	Synthesis and optical applications of low dimensional metal-halide perovskites. Nanotechnology, 2020, 31, 152002.	1.3	31
32	Light-emitting devices. , 2020, , 175-197.		0
33	2D materials for bio-photonic applications. , 2020, , 253-280.		1
34	Van der Waals Semiconductors: Infrared Permittivity of the Biaxial van der Waals Semiconductor Î±â€MoO₃ from Nearâ€and Farâ€Field Correlative Studies (Adv. Mater. 29/2020). Advanced Materials, 2020, 32, 2070220.	11.1	5
35	Graphene plasmonic nanoresonators/graphene heterostructures for efficient room-temperature infrared photodetection. Journal of Semiconductors, 2020, 41, 072907.	2.0	9
36	Diffraction-limited imaging with monolayer 2D material-based ultrathin flat lenses. Light: Science and Applications, 2020, 9, 137.	7.7	65

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37	Perovskite Lenses: Flat Lenses Based on 2D Perovskite Nanosheets (Adv. Mater. 30/2020). Advanced Materials, 2020, 32, 2070228.	11.1	0
38	High Performance Lithiumâ€Ion Batteries Using Layered 2Hâ€MoTe₂ as Anode. Small, 2020, 16, e2002669.	5.2	54
39	Atomically Thin Noble Metal Dichalcogenides for Phase-Regulated Meta-optics. Nano Letters, 2020, 20, 7811-7818.	4.5	27
40	Edge-oriented and steerable hyperbolic polaritons in anisotropic van der Waals nanocavities. Nature Communications, 2020, 11, 6086.	5.8	67
41	High performance broadband photo and soft X-ray detectors based on two dimensional CrSiTe₃. Journal of Materials Chemistry C, 2020, 8, 6659-6666.	2.7	13
42	Determining In-Plane Carrier Diffusion in Two-Dimensional Perovskite Using Local Time-Resolved Photoluminescence. ACS Applied Materials & Interfaces, 2020, 12, 26384-26390.	4.0	20
43	Chemical switching of low-loss phonon polaritons in Î±-MoO3 by hydrogen intercalation. Nature Communications, 2020, 11, 2646.	5.8	54
44	Topological polaritons and photonic magic angles in twisted Î±-MoO3 bilayers. Nature, 2020, 582, 209-213.	13.7	413
45	Infrared Permittivity of the Biaxial van der Waals Semiconductor Î±â€MoO₃ from Nearâ€and Farâ€Field Correlative Studies. Advanced Materials, 2020, 32, e1908176.	11.1	99
46	Artificial Metaphotonics Born Naturally in Two Dimensions. Chemical Reviews, 2020, 120, 6197-6246.	23.0	78
47	Manipulating Evanescent Waves in a Gradient Waveguide. Physical Review Applied, 2020, 13, .	1.5	0
48	Flat Lenses Based on 2D Perovskite Nanosheets. Advanced Materials, 2020, 32, e2001388.	11.1	26
49	Duplex Mikaelian and Duplex Maxwellâ€™s Fish-Eye Lenses. Physical Review Applied, 2020, 13, .	1.5	3
50	Valley-Hall Topological Plasmons in a Graphene Nanohole Plasmonic Crystal Waveguide. IEEE Journal of Selected Topics in Quantum Electronics, 2020, 26, 1-8.	1.9	24
51	Highly stable and repeatable femtosecond soliton pulse generation from saturable absorbers based on two-dimensional Cu3â^'xP nanocrystals. Frontiers of Optoelectronics, 2020, 13, 139-148.	1.9	13
52	Monolayer Conveyor for Stably Trapping and Transporting Subâ€1Ânm Particles. Laser and Photonics Reviews, 2020, 14, 2000030.	4.4	17
53	Electrically controllable magneto-optic effects in a two-dimensional hexagonal organometallic lattice. Physical Review B, 2020, 101, .	1.1	2
54	High Efficiency Mesoscopic Solar Cells Using CsPbI₃ Perovskite Quantum Dots Enabled by Chemical Interface Engineering. Journal of the American Chemical Society, 2020, 142, 3775-3783.	6.6	156

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55	Anisotropic polaritons in van der Waals materials. InformaÄnÃ-MateriÃ¡ly, 2020, 2, 777-790.	8.5	36
56	Broad spectral tuning of ultra-low-loss polaritons in a van der Waals crystal by intercalation. Nature Materials, 2020, 19, 964-968.	13.3	129
57	The Luneburg-Lissajous lens. Europhysics Letters, 2020, 129, 64001.	0.7	1
58	Study on optimization of nano-coatings for ultra-sensitive biosensors based on long-period fiber grating. Sensing and Bio-Sensing Research, 2020, 27, 100320.	2.2	9
59	Novel Optical and Photonic Devices based on 2D Materials: feature issue introduction. Optical Materials Express, 2020, 10, 1344.	1.6	0
60	Non-invasive Characterisation of Lead Iodide Nanosheets by Nonlinear Microscopy. , 2020, , .		0
61	Structural and electrochemical mechanism study of layered MoTe2 anode material for sodium-ion battery. AIP Conference Proceedings, 2019, , .	0.3	1
62	Overcoming the Electroluminescence Efficiency Limitations in Quantumâ€Dot Lightâ€Emitting Diodes. Advanced Optical Materials, 2019, 7, 1900695.	3.6	26
63	Perovskite Xâ€Ray Detectors: Flexible, Printable Softâ€Xâ€Ray Detectors Based on Allâ€Inorganic Perovskite Quantum Dots (Adv. Mater. 30/2019). Advanced Materials, 2019, 31, 1970214.	11.1	18
64	Blocks of molybdenum ditelluride: A high rate anode for sodium-ion battery and full cell prototype study. Nano Energy, 2019, 64, 103951.	8.2	57
65	Optical Biochemical Sensors Based on 2D Materials. , 2019, , 379-406.		7
66	Spatially Modulating the Fluorescence Color of Mixed-Halide Perovskite Nanoplatelets through Direct Femtosecond Laser Writing. ACS Applied Materials & Interfaces, 2019, 11, 26017-26023.	4.0	44
67	Band structure engineering in metal halide perovskite nanostructures for optoelectronic applications. Nano Materials Science, 2019, 1, 268-287.	3.9	118
68	Synthesis of Millimeterâ€Scale Continuous WS 2 Film by Mitigating Poisoning of H 2 on WO 2.9 Precursor. Physica Status Solidi - Rapid Research Letters, 2019, 13, 1900480.	1.2	2
69	Interstitial Hydrogen Atom Modulation to Boost Hydrogen Evolution in Pd-Based Alloy Nanoparticles. ACS Nano, 2019, 13, 12987-12995.	7.3	67
70	Strong interactions in molybdenum disulfide heterostructures boosting the catalytic performance of water splitting: A short review. Nano Materials Science, 2019, 1, 231-245.	3.9	17
71	Bottom-up growth of homogeneous MoirÃ© superlattices in bismuth oxychloride spiral nanosheets. Nature Communications, 2019, 10, 4472.	5.8	59
72	Highâ€Yield Electrochemical Production of Largeâ€Sized and Thinly Layered NiPS₃ Flakes for Overall Water Splitting. Small, 2019, 15, e1902427.	5.2	62

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73	Flexible, Printable Softâ€Xâ€Ray Detectors Based on Allâ€Inorganic Perovskite Quantum Dots. Advanced Materials, 2019, 31, e1901644.	11.1	221
74	Physics and Optoelectronic Simulation of Photodetectors Based on 2D Materials. Advanced Optical Materials, 2019, 7, 1900410.	3.6	23
75	Capillary-bridge mediated assembly of aligned perovskite quantum dots for high-performance photodetectors. Journal of Materials Chemistry C, 2019, 7, 5954-5961.	2.7	41
76	Superior Magnetoresistance Performance of Hybrid Graphene Foam/Metal Sulfide Nanocrystal Devices. ACS Applied Materials & Interfaces, 2019, 11, 19397-19403.	4.0	26
77	Flexible photodetectors based on reticulated SWNT/perovskite quantum dot heterostructures with ultrahigh durability. Nanoscale, 2019, 11, 8020-8026.	2.8	30
78	Graphene Heterostructure Integrated Optical Fiber Bragg Grating for Light Motion Tracking and Ultrabroadband Photodetection from 400 nm to 10.768 Âµm. Advanced Functional Materials, 2019, 29, 1807274.	7.8	26
79	Lattice -Mismatch-Induced Ultrastable 1T-Phase MoS₂â€“Pd/Au for Plasmon-Enhanced Hydrogen Evolution. Nano Letters, 2019, 19, 2758-2764.	4.5	98
80	An Adaptive Soft Plasmonic Nanosheet Resonator. Laser and Photonics Reviews, 2019, 13, 1800302.	4.4	5
81	Nonlinear Microscopy of Lead Iodide Nanosheets. , 2019, , .		0
82	Revealing the Intrinsic Peroxidase-Like Catalytic Mechanism of Heterogeneous Single-Atom Coâ€“MoS2. Nano-Micro Letters, 2019, 11, 102.	14.4	114
83	Ultrasensitive detection of miRNA with an antimonene-based surface plasmon resonance sensor. Nature Communications, 2019, 10, 28.	5.8	475
84	Construction of porous N-doped graphene layer for efficient oxygen reduction reaction. Chemical Engineering Science, 2019, 194, 36-44.	1.9	34
85	Graphene and Mo₂C vertical heterostructure for femtosecond mode-locked lasers [Invited]. Optical Materials Express, 2019, 9, 3268.	1.6	8
86	Nonlinear Microscopy of Strain in Lead Iodide Nanosheets. , 2019, , .		0
87	Tuning the florescence color of gradient bandgap perovskite nanoplate by direct laser writing. , 2019, , .		0
88	Broadband Nonlinear Photonics in Fewâ€Layer MXene Ti₃C₂T_x (T =) Tj ETQq0 0 0 rgBT /Overlock	4.4	43
89	Strong Depletion in Hybrid Perovskite pâ€“n Junctions Induced by Local Electronic Doping. Advanced Materials, 2018, 30, e1705792.	11.1	141
90	MoTe2, A novel anode material for sodium ion battery. AIP Conference Proceedings, 2018, , .	0.3	4

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91	Reliable Synthesis of Largeâ€Area Monolayer WS₂ Single Crystals, Films, and Heterostructures with Extraordinary Photoluminescence Induced by Water Intercalation. Advanced Optical Materials, 2018, 6, 1701347.	3.6	28
92	Ultrathin 2D Transition Metal Carbides for Ultrafast Pulsed Fiber Lasers. ACS Photonics, 2018, 5, 1808-1816.	3.2	148
93	Bias-switchable negative and positive photoconductivity in 2D FePS₃ ultraviolet photodetectors. Nanotechnology, 2018, 29, 244001.	1.3	67
94	Photonic surface waves enabled perfect infrared absorption by monolayer graphene. Nano Energy, 2018, 48, 161-169.	8.2	33
95	Broadband Nonlinear Photonics in Fewâ€Layer MXene Ti₃C₂T_x (T =) Tj ETQq1 1 0.784314 rgB	4.4	550
96	Photonics of 2D materials. Optics Communications, 2018, 406, 1-2.	1.0	14
97	Long range intrinsic ferromagnetism in two dimensional materials and dissipationless future technologies. Applied Physics Reviews, 2018, 5, .	5.5	119
98	Band Structure Engineering in 2D Materials for Optoelectronic Applications. Advanced Materials Technologies, 2018, 3, 1800072.	3.0	78
99	Wafer-Scale Fabrication of Two-Dimensional PtS₂/PtSe₂ Heterojunctions for Efficient and Broad band Photodetection. ACS Applied Materials & Interfaces, 2018, 10, 40614-40622.	4.0	110
100	Illuminationâ€Induced Halide Segregation in Gradient Bandgap Mixedâ€Halide Perovskite Nanoplatelets. Advanced Optical Materials, 2018, 6, 1801107.	3.6	30
101	In-plane anisotropic and ultra-low-loss polaritons in a natural van der Waals crystal. Nature, 2018, 562, 557-562.	13.7	506
102	Nanograting-assisted generation of surface plasmon polaritons in Weyl semimetal WTe2. Optical Materials, 2018, 86, 421-423.	1.7	25
103	Exciton behavior under the influence of metal nanoparticle near fields: Significance of nonlocal effects. Physical Review B, 2018, 98, .	1.1	19
104	Few-Layer Platinum Diselenide as a New Saturable Absorber for Ultrafast Fiber Lasers. ACS Applied Materials & Interfaces, 2018, 10, 21534-21540.	4.0	67
105	Photonics and Optoelectronics of 2D Metalâ€Halide Perovskites. Small, 2018, 14, e1800682.	5.2	168
106	Perovskite CsPbX₃: A Promising Nonlinear Optical Material and Its Applications for Ambient Allâ€Optical Switching with Enhanced Stability. Advanced Optical Materials, 2018, 6, 1800400.	3.6	90
107	Wide-field in situ multiplexed Raman imaging with superresolution. Photonics Research, 2018, 6, 530.	3.4	7
108	Ytterbium-doped fiber laser passively mode locked by evanescent field interaction with CH₃NH₃SnI₃ perovskite saturable absorber. Journal Physics D: Applied Physics, 2018, 51, 375106.	1.3	25

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109	Crystal-site engineering for developing tunable green light emitting Ba9Lu2Si6O24:Eu2+ phosphors for efficient white LEDs. Journal of Alloys and Compounds, 2018, 767, 374-381.	2.8	24
110	Nonlinear optical absorption and ultrafast carrier dynamics of copper antimony sulfide semiconductor nanocrystals. Journal of Materials Chemistry C, 2018, 6, 8977-8983.	2.7	24
111	Role of Surface Recombination in Halide Perovskite Nanoplatelets. ACS Applied Materials & Interfaces, 2018, 10, 31586-31593.	4.0	41
112	Ultraâ€Broadband Flexible Photodetector Based on Topological Crystalline Insulator SnTe with High Responsivity. Small, 2018, 14, e1802598.	5.2	65
113	Back-contact perovskite solar cells with honeycomb-like charge collecting electrodes. Nano Energy, 2018, 50, 710-716.	8.2	44
114	Degradation of Two-Dimensional CH₃NH₃PbI₃ Perovskite and CH₃NH₃PbI₃/Graphene Heterostructure. ACS Applied Materials & Interfaces, 2018, 10, 24258-24265.	4.0	40
115	Electrochemical investigation of MoTe2/rGO composite materials for sodium-ion battery application. AIP Conference Proceedings, 2018, , .	0.3	7
116	Introduction to two-dimensional layered materials for ultrafast lasers. Photonics Research, 2018, 6, TDL1.	3.4	8
117	Highly responsive broadband black phosphorus photodetectors. Chinese Optics Letters, 2018, 16, 020002.	1.3	13
118	Bilayer Bismuth Selenide nanoplatelets based saturable absorber for ultra-short pulse generation (Invited). Optics Communications, 2017, 395, 55-60.	1.0	35
119	Graphene-Bi2Te3 Heterostructure as Broadband Saturable Absorber for Ultra-Short Pulse Generation in Er-Doped and Yb-Doped Fiber Lasers. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 195-199.	1.9	49
120	High performance photodetector based on 2D CH₃NH₃PbI₃ perovskite nanosheets. Journal Physics D: Applied Physics, 2017, 50, 094002.	1.3	60
121	Slow cooling and efficient extraction of C-exciton hot carriers in MoS2 monolayer. Nature Communications, 2017, 8, 13906.	5.8	132
122	In situ observation of the thermal stability of black phosphorus. 2D Materials, 2017, 4, 025001.	2.0	42
123	Wafer-scale two-dimensional semiconductors from printed oxide skin of liquid metals. Nature Communications, 2017, 8, 14482.	5.8	219
124	Introduction to the Issue on 2-D Materials Optoelectronics. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 4-6.	1.9	9
125	Direct Observation of 2D Electrostatics and Ohmic Contacts in Template-Grown Graphene/WS₂ Heterostructures. ACS Nano, 2017, 11, 2785-2793.	7.3	74
126	Emerging Trends in Phosphorene Fabrication towards Next Generation Devices. Advanced Science, 2017, 4, 1600305.	5.6	285

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127	The Lightâ€Induced Fieldâ€Effect Solar Cell Concept â€“ Perovskite Nanoparticle Coating Introduces Polarization Enhancing Silicon Cell Efficiency. Advanced Materials, 2017, 29, 1606370.	11.1	35
128	Effects of edge on graphene plasmons as revealed by infrared nanoimaging. Light: Science and Applications, 2017, 6, e16204-e16204.	7.7	68
129	Near-Infrared Photodetectors Based on MoTe₂ /Graphene Heterostructure with High Responsivity and Flexibility. Small, 2017, 13, 1700268.	5.2	200
130	Gold nanoparticle mediated graphene plasmon for broadband enhanced infrared spectroscopy. Nanotechnology, 2017, 28, 264001.	1.3	17
131	Lightâ€Emitting Diodes: Solutionâ€Processed Extremely Efficient Multicolor Perovskite Lightâ€Emitting Diodes Utilizing Doped Electron Transport Layer (Adv. Funct. Mater. 21/2017). Advanced Functional Materials, 2017, 27, .	7.8	0
132	Controlled Growth of Monocrystalline Organoâ€Lead Halide Perovskite and Its Application in Photonic Devices. Angewandte Chemie - International Edition, 2017, 56, 12486-12491.	7.2	54
133	Biosensors: The Roadmap of Grapheneâ€Based Optical Biochemical Sensors (Adv. Funct. Mater. 19/2017). Advanced Functional Materials, 2017, 27, .	7.8	1
134	Controlled Growth of Monocrystalline Organoâ€Lead Halide Perovskite and Its Application in Photonic Devices. Angewandte Chemie, 2017, 129, 12660-12665.	1.6	10
135	Solutionâ€Processed Extremely Efficient Multicolor Perovskite Lightâ€Emitting Diodes Utilizing Doped Electron Transport Layer. Advanced Functional Materials, 2017, 27, 1606874.	7.8	96
136	Two-Dimensional CH₃NH₃PbI₃ Perovskite Nanosheets for Ultrafast Pulsed Fiber Lasers. ACS Applied Materials & Interfaces, 2017, 9, 12759-12765.	4.0	296
137	Highly Efficient and Air-Stable Infrared Photodetector Based on 2D Layered Grapheneâ€“Black Phosphorus Heterostructure. ACS Applied Materials & Interfaces, 2017, 9, 36137-36145.	4.0	185
138	Titelbild: Controlled Growth of Monocrystalline Organoâ€Lead Halide Perovskite and Its Application in Photonic Devices (Angew. Chem. 41/2017). Angewandte Chemie, 2017, 129, 12547-12547.	1.6	0
139	Infrared Nanoimaging Reveals the Surface Metallic Plasmons in Topological Insulator. ACS Photonics, 2017, 4, 3055-3062.	3.2	27
140	Dipole-field-assisted charge extraction in metal-perovskite-metal back-contact solar cells. Nature Communications, 2017, 8, 613.	5.8	66
141	Synthesis of Ultrathin Composition Graded Doped Lateral WSe2/WS2Heterostructures. ACS Applied Materials & Interfaces, 2017, 9, 34204-34212.	4.0	22
142	Flexible Broadband Graphene Photodetectors Enhanced by Plasmonic Cu_{3âˆ’}_xP Colloidal Nanocrystals. Small, 2017, 13, 1701881.	5.2	63
143	Phase Segregation Enhanced Ion Movement in Efficient Inorganic CsPbIBr₂ Solar Cells. Advanced Energy Materials, 2017, 7, 1700946.	10.2	318
144	Optical conductivity of a commensurate graphene-topological insulator heterostructure. Journal Physics D: Applied Physics, 2017, 50, 385301.	1.3	4

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145	2Dâ€“Materialsâ€Based Quantum Dots: Gateway Towards Nextâ€Generation Optical Devices. Advanced Optical Materials, 2017, 5, 1700257.	3.6	64
146	Fieldâ€Induced nâ€Doping of Black Phosphorus for CMOS Compatible 2D Logic Electronics with High Electron Mobility. Advanced Functional Materials, 2017, 27, 1702211.	7.8	95
147	Black phosphorus induced photo-doping for high-performance organic-silicon heterojunction photovoltaics. Nano Research, 2017, 10, 3848-3856.	5.8	21
148	Cavity QED analysis of an exciton-plasmon hybrid molecule via the generalized nonlocal optical response method. Physical Review B, 2017, 95, .	1.1	33
149	The Roadmap of Grapheneâ€Based Optical Biochemical Sensors. Advanced Functional Materials, 2017, 27, 1603918.	7.8	68
150	Graphene based heterostructures used for high performance broadband photodetectors. , 2017, , .		0
151	Aqueous Electrochemical Activity of the Mg Surface: The Role of Group 14 and 15 Microalloying Elements. Journal of the Electrochemical Society, 2017, 164, C918-C929.	1.3	18
152	Application of Graphene in Lasers. , 2017, , 27-39.		0
153	Graphene-Based Light-Emitting Diodes. , 2017, , 147-161.		0
154	Graphene-Based Photodetectors. , 2017, , 65-80.		0
155	Actively Tunable Visible Surface Plasmons in Bi₂Te₃ and their Energyâ€Harvesting Applications. Advanced Materials, 2016, 28, 3138-3144.	11.1	65
156	Seleniumâ€Doped Black Phosphorus for Highâ€Responsivity 2D Photodetectors. Small, 2016, 12, 5000-5007.	5.2	156
157	Largeâ€Scale Production of Bismuth Chalcogenide and Graphene Heterostructure and Its Application for Flexible Broadband Photodetector. Advanced Electronic Materials, 2016, 2, 1600077.	2.6	33
158	Reversible Structural Swellâ€“Shrink and Recoverable Optical Properties in Hybrid Inorganicâ€“Organic Perovskite. ACS Nano, 2016, 10, 7031-7038.	7.3	68
159	Pulsed Lasers Employing Solutionâ€Processed Plasmonic Cu_{3â^'}_xP Colloidal Nanocrystals. Advanced Materials, 2016, 28, 3535-3542.	11.1	68
160	Ultra-broadband Nonlinear Saturable Absorption for Two-dimensional Bi2TexSe3â^'x Nanosheets. Scientific Reports, 2016, 6, 33070.	1.6	55
161	Optically tuned terahertz modulator based on annealed multilayer MoS2. Scientific Reports, 2016, 6, 22899.	1.6	74
162	Observation of large nonlinear responses in a graphene-Bi2Te3 heterostructure at a telecommunication wavelength. Applied Physics Letters, 2016, 108, .	1.5	56

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163	Enhanced quantum efficiency from a mosaic of two dimensional MoS₂formed onto aminosilane functionalised substrates. Nanoscale, 2016, 8, 12258-12266.	2.8	18
164	Efficiency Enhancement of Perovskite Solar Cells by Pumping Away the Solvent of Precursor Film Before Annealing. Nanoscale Research Letters, 2016, 11, 248.	3.1	13
165	Optoelectronic investigation of monolayer MoS2/WSe2 vertical heterojunction photoconversion devices. Nano Energy, 2016, 30, 260-266.	8.2	31
166	Synthesis, properties, and optical applications of low-dimensional perovskites. Chemical Communications, 2016, 52, 13637-13655.	2.2	252
167	Facile Fabrication of Highâ€Density Subâ€1â€nm Gaps from Au Nanoparticle Monolayers as Reproducible SERS Substrates. Advanced Functional Materials, 2016, 26, 8137-8145.	7.8	143
168	A Broadband Optical Modulator Based on a Graphene Hybrid Plasmonic Waveguide. Journal of Lightwave Technology, 2016, 34, 4948-4953.	2.7	60
169	Atomically thin lateral pâ€“n junction photodetector with large effective detection area. 2D Materials, 2016, 3, 041001.	2.0	78
170	Highly efficient plasmon excitation in graphene-Bi_2Te_3 heterostructure. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 1842.	0.9	16
171	Efficient Excitation of Multiple Plasmonic Modes on Three-Dimensional Graphene: An Unexplored Dimension. ACS Photonics, 2016, 3, 1986-1992.	3.2	42
172	R6G molecule induced modulation of the optical properties of reduced graphene oxide nanosheets for use in ultrasensitive SPR sensing. Scientific Reports, 2016, 6, 21254.	1.6	17
173	Photonics and optoelectronics of two-dimensional materials beyond graphene. Nanotechnology, 2016, 27, 462001.	1.3	259
174	Strain Relaxation of Monolayer WS₂ on Plastic Substrate. Advanced Functional Materials, 2016, 26, 8707-8714.	7.8	97
175	Mechanically-Assisted Electrochemical Production of Graphene Oxide. Chemistry of Materials, 2016, 28, 8429-8438.	3.2	91
176	Carbon Nanomaterials in Flames: from 0-D to 1-D and 2-D. MRS Advances, 2016, 1, 1313-1325.	0.5	1
177	Solutionâ€Processable Ultrathin Black Phosphorus as an Effective Electron Transport Layer in Organic Photovoltaics. Advanced Functional Materials, 2016, 26, 864-871.	7.8	187
178	Pulsed Lasers: Pulsed Lasers Employing Solutionâ€Processed Plasmonic Cu_{3â^'}_xP Colloidal Nanocrystals (Adv. Mater. 18/2016). Advanced Materials, 2016, 28, 3604-3604.	11.1	0
179	Scalable Production of a Few-Layer MoS₂/WS₂ Vertical Heterojunction Array and Its Application for Photodetectors. ACS Nano, 2016, 10, 573-580.	7.3	362
180	Present perspectives of broadband photodetectors based on nanobelts, nanoribbons, nanosheets and the emerging 2D materials. Nanoscale, 2016, 8, 6410-6434.	2.8	233

#	Article	IF	Citations
181	Two-Dimensional CH₃NH₃PbI₃ Perovskite: Synthesis and Optoelectronic Application. ACS Nano, 2016, 10, 3536-3542.	7.3	359
182	Harmonic mode-locking and wavelength-tunable Q-switching operation in the grapheneâ€“Bi₂Te₃heterostructure saturable absorber-based fiber laser. Optical Engineering, 2016, 55, 081314.	0.5	26
183	Back-contacted hybrid organicâ€“inorganic perovskite solar cells. Journal of Materials Chemistry C, 2016, 4, 3125-3130.	2.7	54
184	Optically driven black phosphorus as a saturable absorber for mode-locked laser pulse generation. Optical Engineering, 2016, 55, 081317.	0.5	23
185	Wavelength-tunable waveguides based on polycrystalline organicâ€“inorganic perovskite microwires. Nanoscale, 2016, 8, 6258-6264.	2.8	76
186	Laser fabricated ultrathin flat lens in sub-nanometer thick monolayer transition metal dichalcogenides crystal. , 2016, , .		0
187	Electrocatalysts: Nitrogenâ€Doped Nanoporous Carbon/Graphene Nanoâ€Sandwiches: Synthesis and Application for Efficient Oxygen Reduction (Adv. Funct. Mater. 36/2015). Advanced Functional Materials, 2015, 25, 5876-5876.	7.8	9
188	Graphene Nanobubbles: A New Optical Nonlinear Material. Advanced Optical Materials, 2015, 3, 744-749.	3.6	52
189	Pulsed Lasers: Black Phosphorus-Polymer Composites for Pulsed Lasers (Advanced Optical Materials) Tj ETQq1 1 0.784314 rgBT /Over	3.6	6
190	Ultrafast recovery time and broadband saturable absorption properties of black phosphorus suspension. Applied Physics Letters, 2015, 107, .	1.5	168
191	Nitrogenâ€Doped Nanoporous Carbon/Graphene Nanoâ€Sandwiches: Synthesis and Application for Efficient Oxygen Reduction. Advanced Functional Materials, 2015, 25, 5768-5777.	7.8	384
192	Black Phosphorusâ€“Polymer Composites for Pulsed Lasers. Advanced Optical Materials, 2015, 3, 1447-1453.	3.6	228
193	Fewâ€Layer Topological Insulator for Allâ€Optical Signal Processing Using the Nonlinear Kerr Effect. Advanced Optical Materials, 2015, 3, 1769-1778.	3.6	87
194	Raman Spectroscopy of Two-Dimensional Bi2TexSe3 â^' x Platelets Produced by Solvothermal Method. Materials, 2015, 8, 5007-5017.	1.3	68
195	Grapheneâ€“Bi₂Te₃ Heterostructure as Saturable Absorber for Short Pulse Generation. ACS Photonics, 2015, 2, 832-841.	3.2	208
196	All-Optical Signal Processing: Few-Layer Topological Insulator for All-Optical Signal Processing Using the Nonlinear Kerr Effect (Advanced Optical Materials 12/2015). Advanced Optical Materials, 2015, 3, 1768-1768.	3.6	3
197	Broadband Photodetectors Based on Grapheneâ€“Bi₂Te₃ Heterostructure. ACS Nano, 2015, 9, 1886-1894.	7.3	338
198	Highly responsive MoS2 photodetectors enhanced by graphene quantum dots. Scientific Reports, 2015, 5, 11830.	1.6	155

#	Article	IF	Citations
199	Solvothermal Growth of Bismuth Chalcogenide Nanoplatelets by the Oriented Attachment Mechanism: An in Situ PXRD Study. Chemistry of Materials, 2015, 27, 3471-3482.	3.2	51
200	Top-grid monolayer graphene/Si Schottkey solar cell. Journal of Solid State Chemistry, 2015, 224, 102-106.	1.4	14
201	Profound Effect of Substrate Hydroxylation and Hydration on Electronic and Optical Properties of Monolayer MoS₂. Nano Letters, 2015, 15, 3096-3102.	4.5	45
202	Hybrid Grapheneâ€“Perovskite Phototransistors with Ultrahigh Responsivity and Gain. Advanced Optical Materials, 2015, 3, 1389-1396.	3.6	240
203	Synthesis and Transfer of Large-Area Monolayer WS₂ Crystals: Moving Toward the Recyclable Use of Sapphire Substrates. ACS Nano, 2015, 9, 6178-6187.	7.3	200
204	Growth of large-area atomically thin MoS_2 film via ambient pressure chemical vapor deposition. Photonics Research, 2015, 3, 110.	3.4	17
205	Mechanically exfoliated black phosphorus as a new saturable absorber for both Q-switching and Mode-locking laser operation. Optics Express, 2015, 23, 12823.	1.7	866
206	A highly efficient thermo-optic microring modulator assisted by graphene. Nanoscale, 2015, 7, 20249-20255.	2.8	99
207	Theoretical analysis of hot electron dynamics in nanorods. Scientific Reports, 2015, 5, 12140.	1.6	59
208	High performance photodetectors based on two-dimensional materials. , 2015, , .		1
209	Synthesis and Transfer of Large-Area Monolayer WS2 Crystals: Toward the Recyclable Use of Sapphire Substrates. , 2015, , .		0
210	Enhanced light-harvesting of the conical TiO 2 nanotube arrays used as the photoanodes in flexible dye-sensitized solar cells. Electrochimica Acta, 2014, 146, 838-844.	2.6	27
211	Publisher's Note: Monolayer graphene photonic metastructures: Giant Faraday rotation and nearly perfect transmission [Phys. Rev. B88, 205405 (2013)]. Physical Review B, 2014, 90, .	1.1	0
212	Controllable Synthesis of Doped Graphene and Its Applications. Small, 2014, 10, 2975-2991.	5.2	58
213	Soliton compression of the erbium-doped fiber laser weakly started mode-locking by nanoscale p-type Bi2Te3topological insulator particles. Laser Physics Letters, 2014, 11, 055107.	0.6	125
214	Selective laser sintering of TiO₂ nanoparticle film on plastic conductive substrate for highly efficient flexible dye-sensitized solar cell application. Journal of Materials Chemistry A, 2014, 2, 4566-4573.	5.2	40
215	Growth of polythiophene nano-walls and their unique electrochemical and optical properties. Materials Horizons, 2014, 1, 452.	6.4	6
216	Two-dimensional optical waveguiding and luminescence vapochromic properties of 8-hydroxyquinoline zinc (Znq₂) hexagonal microsheets. Chemical Communications, 2014, 50, 10812-10814.	2.2	14

#	Article	IF	Citations
217	Giant Plasmene Nanosheets, Nanoribbons, and Origami. ACS Nano, 2014, 8, 11086-11093.	7.3	134
218	Graphene-Based Transparent Electrodes for Hybrid Solar Cells. Frontiers in Materials, 2014, 1, .	1.2	35
219	Graphene surface plasmons at the near-infrared optical regime. Scientific Reports, 2014, 4, 6559.	1.6	78
220	Electrochemical performance of graphene and copper oxide composites synthesized from a metalâ€“organic framework (Cu-MOF). RSC Advances, 2013, 3, 19051.	1.7	46
221	Monolayer graphene photonic metastructures: Giant Faraday rotation and nearly perfect transmission. Physical Review B, 2013, 88, .	1.1	46
222	Efficiency enhancement of TiO2 nanodendrite array electrodes in CuInS2 quantum dot sensitized solar cells. Electrochimica Acta, 2013, 111, 755-761.	2.6	30
223	A hydrothermal anvil made of graphene nanobubbles on diamond. Nature Communications, 2013, 4, 1556.	5.8	67
224	Nanofocusing of the surface plasmon polaritons in graphene at near infrared frequencies. , 2013, , .		1
225	Z-scan measurement of the refractive index of graphene: erratum. Optics Letters, 2013, 38, 1566.	1.7	1
226	Graphene-polymer multilayer heterostructure for terahertz metamaterials. , 2013, , .		5
227	Probing the catalytic activity of porous graphene oxide and the origin of this behaviour. Nature Communications, 2012, 3, 1298.	5.8	538
228	Z-scan measurement of the nonlinear refractive index of graphene. Optics Letters, 2012, 37, 1856.	1.7	589
229	Graphene Photonics, Plasmonics, and Broadband Optoelectronic Devices. ACS Nano, 2012, 6, 3677-3694.	7.3	1,749
230	Electrocatalytically Active Grapheneâ€“Porphyrin MOF Composite for Oxygen Reduction Reaction. Journal of the American Chemical Society, 2012, 134, 6707-6713.	6.6	951
231	Using the Graphene MoirÃ© Pattern for the Trapping of C₆₀ and Homoepitaxy of Graphene. ACS Nano, 2012, 6, 944-950.	7.3	54
232	A simple, high yield method for the synthesis of organic wires from aromatic molecules using nitric acid as the solvent. Chemical Communications, 2011, 47, 4153.	2.2	14
233	Preparation and Characterization of a Novel Cocrystal Explosive. Crystal Growth and Design, 2011, 11, 1759-1765.	1.4	102
234	Electrochemical Delamination of CVD-Grown Graphene Film: Toward the Recyclable Use of Copper Catalyst. ACS Nano, 2011, 5, 9927-9933.	7.3	529

#	Article	IF	Citations
235	Graphene mode locked ultrafast fiber lasers. , 2011, , .		3
236	High-Yield Synthesis of Few-Layer Graphene Flakes through Electrochemical Expansion of Graphite in Propylene Carbonate Electrolyte. Journal of the American Chemical Society, 2011, 133, 8888-8891.	6.6	539
237	Broadband graphene polarizer. Nature Photonics, 2011, 5, 411-415.	15.6	961
238	Controlled Hydrogenation of Graphene Sheets and Nanoribbons. ACS Nano, 2011, 5, 888-896.	7.3	105
239	Monolayer graphene as a saturable absorber in a mode-locked laser. Nano Research, 2011, 4, 297-307.	5.8	408
240	Wrapping Graphene Sheets Around Organic Wires for Making Memory Devices. Small, 2011, 7, 2372-2378.	5.2	16
241	The chemistry of graphene. Journal of Materials Chemistry, 2010, 20, 2277.	6.7	1,350
242	Vector dissipative solitons in graphene mode locked fiber lasers. Optics Communications, 2010, 283, 3334-3338.	1.0	138
243	Droplet microfluidic preparation of au nanoparticles-coated chitosan microbeads for flow-through surface-enhanced Raman scattering detection. Microfluidics and Nanofluidics, 2010, 9, 1175-1183.	1.0	22
244	Grapheneâ€“Polymer Nanofiber Membrane for Ultrafast Photonics. Advanced Functional Materials, 2010, 20, 782-791.	7.8	434
245	Microstructuring of Graphene Oxide Nanosheets Using Direct Laser Writing. Advanced Materials, 2010, 22, 67-71.	11.1	311
246	Polarized Emission and Optical Waveguide in Crystalline Perylene Diimide Microwires. Advanced Materials, 2010, 22, 3661-3666.	11.1	146
247	Highâ€Gain Grapheneâ€Titanium Oxide Photoconductor Made from Inkjet Printable Ionic Solution. Advanced Materials, 2010, 22, 5265-5270.	11.1	131
248	A Graphene Oxideâ€“Organic Dye Ionic Complex with DNAâ€Sensing and Opticalâ€Limiting Properties. Angewandte Chemie - International Edition, 2010, 49, 6549-6553.	7.2	304
249	Graphene oxide as a chemically tunable platform for optical applications. Nature Chemistry, 2010, 2, 1015-1024.	6.6	2,966
250	Structure-Directing Role of Graphene in the Synthesis of Metalâˆ'Organic Framework Nanowire. Journal of the American Chemical Society, 2010, 132, 14487-14495.	6.6	403
251	Organic Thin-Film Transistors Processed from Relatively Nontoxic, Environmentally Friendlier Solvents. Chemistry of Materials, 2010, 22, 5747-5753.	3.2	31
252	Dissipative soliton operation of an ytterbium-doped fiber laser mode locked with atomic multilayer graphene. Optics Letters, 2010, 35, 3622.	1.7	230

#	Article	IF	Citations
253	Toward High Throughput Interconvertible Graphane-to-Graphene Growth and Patterning. ACS Nano, 2010, 4, 6146-6152.	7.3	109
254	Graphene as Atomic Template and Structural Scaffold in the Synthesis of Grapheneâ"Organic Hybrid Wire with Photovoltaic Properties. ACS Nano, 2010, 4, 6180-6186.	7.3	109
255	Graphene mode locked, wavelength-tunable, dissipative soliton fiber laser. Applied Physics Letters, 2010, 96, .	1.5	456
256	Enhancement of photoelectric response of bacteriorhodopsin by multilayered WO3Â·H2O nanocrystals/PVAmembrane. Chemical Communications, 2010, 46, 689-691.	2.2	11
257	Atomic multi-layer graphene for dissipative soliton generation in Ytterbium-doped fiber laser. , 2010, , .		1
258	Atomicâ€Ł ayer Graphene as a Saturable Absorber for Ultrafast Pulsed Lasers. Advanced Functional Materials, 2009, 19, 3077-3083.	7.8	2,310
259	Room-Temperature Synthesis of Soluble Carbon Nanotubes by the Sonication of Graphene Oxide Nanosheets. Journal of the American Chemical Society, 2009, 131, 16832-16837.	6.6	85
260	Theoretical and Experimental Studies of Electronic Transport of Dithienothiophene. Journal of Physical Chemistry C, 2009, 113, 12530-12537.	1.5	28
261	Photophysical Mechanism for Quantum Dots-Induced Bacterial Growth Inhibition. Journal of Nanoscience and Nanotechnology, 2009, 9, 3252-3255.	0.9	24
262	Hydrothermal Dehydration for the â€œGreenâ€•Reduction of Exfoliated Graphene Oxide to Graphene and Demonstration of Tunable Optical Limiting Properties. Chemistry of Materials, 2009, 21, 2950-2956.	3.2	1,430
263	Large energy mode locking of an erbium-doped fiber laser with atomic layer graphene. Optics Express, 2009, 17, 17630.	1.7	512
264	High-Throughput Synthesis of Graphene by Intercalationâ"Exfoliation of Graphite Oxide and Study of Ionic Screening in Graphene Transistor. ACS Nano, 2009, 3, 3587-3594.	7.3	263
265	Large energy soliton erbium-doped fiber laser with a graphene-polymer composite mode locker. Applied Physics Letters, 2009, 95, .	1.5	450
266	Electrical transport and photovoltaic effects of coreâ€"shell CuO/C60nanowire heterostructure. Nanotechnology, 2009, 20, 065203.	1.3	50
267	Multifunctional CuO nanowire devices: p-type field effect transistors and CO gas sensors. Nanotechnology, 2009, 20, 085203.	1.3	323
268	Highly Stable Pdâ€Based Catalytic Nanoarchitectures for Low Temperature Fuel Cells. Fuel Cells, 2008, 8, 429-435.	1.5	34
269	Ex and In Situ Confocal Raman Studies of Organic Thin Film and Its On-Working Transistors. Journal of Physical Chemistry C, 2008, 112, 19718-19726.	1.5	11
270	Template-Free Electrochemical Synthesis of Superhydrophilic Polypyrrole Nanofiber Network. Macromolecules, 2008, 41, 7053-7057.	2.2	135

#	Article	IF	Citations
271	Shape Evolution and Magnetic Properties of Cobalt Sulfide. Crystal Growth and Design, 2008, 8, 3745-3749.	1.4	123
272	Well-Aligned Cone-Shaped Nanostructure of Polypyrrole/RuO₂ and Its Electrochemical Supercapacitor. Journal of Physical Chemistry C, 2008, 112, 14843-14847.	1.5	231
273	Supercapacitance of Solid Carbon Nanofibers Made from Ethanol Flames. Journal of Physical Chemistry C, 2008, 112, 3612-3618.	1.5	83
274	Spark plasma sintering-fabricated one-dimensional nanoscale â€œcrystalline-amorphousâ€•carbon heterojunction. Applied Physics Letters, 2008, 92, 113113.	1.5	20
275	High-Performance Thin-Film Transistors from Solution-Processed Dithienothiophene Polymer Semiconductor Nanoparticles. Chemistry of Materials, 2008, 20, 2057-2059.	3.2	136
276	Direct Observation and Analysis of Annealing-Induced Microstructure at Interface and Its Effect on Performance Improvement of Organic Thin Film Transistors. Journal of Physical Chemistry B, 2008, 112, 12270-12278.	1.2	25
277	Functionalized multi-walled carbon nanotubes as affinity ligands. Nanotechnology, 2007, 18, 115614.	1.3	26
278	Simulation for growth of multi-walled carbon nanotubes in electric field. Computational Materials Science, 2007, 39, 616-626.	1.4	19
279	Stationary current generated from photocycle of a hybrid bacteriorhodopsin/quantum dot bionanosystem. Applied Physics Letters, 2007, 91, 223901.	1.5	41
280	Lithium Insertion in Channel-Structured Î²-AgVO₃: In Situ Raman Study and Computer Simulation. Chemistry of Materials, 2007, 19, 5965-5972.	3.2	37
281	Fabrication of Strongly Fluorescent Quantum Dotâ^'Polymer Composite in Aqueous Solution. Chemistry of Materials, 2007, 19, 3773-3779.	3.2	133
282	Recoverable Photoluminescence of Flame-Synthesized Multiwalled Carbon Nanotubes and Its Intensity Enhancement at 240 K. Journal of Physical Chemistry C, 2007, 111, 10347-10352.	1.5	20
283	Novel porous anatase TiO2 nanorods and their high lithium electroactivity. Electrochemistry Communications, 2007, 9, 1233-1238.	2.3	112
284	Carbon nanotube/polyaniline composite as anode material for microbial fuel cells. Journal of Power Sources, 2007, 170, 79-84.	4.0	564
285	Covalently linked DNA/protein multilayered film for controlled DNA release. Journal of Colloid and Interface Science, 2007, 314, 80-88.	5.0	39
286	Synthesis and Electrical Transport of Novel Channel-StructuredÎ²-AgVO3. Small, 2007, 3, 1174-1177.	5.2	82
287	Electric field induced growth of well aligned carbon nanotubes from ethanol flames. Nanotechnology, 2006, 17, 1016-1021.	1.3	56
288	Electric-field-induced microstructural transformation of carbon nanotubes. Applied Physics Letters, 2006, 89, 063124.	1.5	29

#	Article	IF	Citations
289	Well-aligned carbon nanotubes from ethanol flame. Journal of Materials Science Letters, 2002, 21, 1927-1929.	0.5	27
290	Compact graphene mode-locked wavelength-tunable erbium-doped fiber lasers: from all anomalous dispersion to all normal dispersion. Laser Physics Letters, 0, 7, 591-596.	0.6	214
291	Functional Films of Polymer-Nanocomposites by Electrospinning for Advanced Electronics, Clean Energy Conversion, and Storage. Advanced Materials Research, 0, 545, 21-26.	0.3	0
292	Revealing the Relationship between Design and Performance of Back-Contact Perovskite Solar Cells with Honeycomb Charge Collecting Electrode. , 0, , .		0