

# Ting Yu

## List of Publications by Year in descending order

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295  
papers

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299  
docs citations

299  
times ranked

42455  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of Bragg polaritons in monolayer tungsten disulphide. Nano Research, 2022, 15, 1479-1485.	10.4	5
2	Deterministic and Scalable Generation of Exciton Emitters in 2D Semiconductor Nanodisks. Advanced Optical Materials, 2022, 10, .	7.3	3
3	A broadband near-infrared Sc <sub>1-x</sub> Al <sub>x</sub> (PO <sub>3</sub> ) <sub>3</sub> :XCr <sup>3+</sup> phosphor with enhanced thermal stability and quantum yield by Yb <sup>3+</sup> codoping. Journal of the American Ceramic Society, 2022, 105, 3403-3417.	3.8	12
4	Polarization-Dependent Purcell Enhancement on a Two-Dimensional h-BN/WS <sub>2</sub> Light Emitter with a Dielectric Plasmonic Nanocavity. Nano Letters, 2022, 22, 1649-1655.	9.1	2
5	White-Light Driven Resonant Emission from a Monolayer Semiconductor. Advanced Materials, 2022, , 2103527.	21.0	2
6	Localization of Laterally Confined Modes in a 2D Semiconductor Microcavity. ACS Nano, 2022, 16, 4940-4946.	14.6	1
7	Nanostructure and Advanced Energy Storage: Elaborate Material Designs Lead to High-Rate Pseudocapacitive Ion Storage. ACS Nano, 2022, 16, 5131-5152.	14.6	73
8	Monolayer tungsten disulfide in photonic environment: Angle-resolved weak and strong light-matter coupling. Nano Research, 2022, 15, 5619-5625.	10.4	5
9	In situ strain electrical atomic force microscopy study on two-dimensional ternary transition metal dichalcogenides. Informa-Materially, 2022, 4, .	17.3	3
10	Metal nanowires for transparent conductive electrodes in flexible chromatic devices: a review. Environmental Chemistry Letters, 2022, 20, 3005-3037.	16.2	14
11	Raman scattering investigation of twisted WS <sub>2</sub> /MoS <sub>2</sub> heterostructures: interlayer mechanical coupling versus charge transfer. Nano Research, 2021, 14, 2215-2223.	10.4	29
12	Observation of Strong Valley Magnetic Response in Monolayer Transition Metal Dichalcogenide Alloys of Mo <sub>0.5</sub> W <sub>0.5</sub> Se <sub>2</sub> and Mo <sub>0.5</sub> W <sub>0.5</sub> Se <sub>2</sub> /WS <sub>2</sub> Heterostructures. ACS Nano, 2021, 15, 8397-8406.	14.6	8
13	Continuous-Wave Vertical Cavity Surface-Emitting Lasers based on Single Crystalline Lead Halide Perovskites. Advanced Optical Materials, 2021, 9, 2001982.	7.3	16
14	The Thinnest Light Disk: Rewritable Data Storage and Encryption on WS <sub>2</sub> Monolayers. Advanced Functional Materials, 2021, 31, 2103140.	14.9	7
15	Ultrasensitive Photodetectors Promoted by Interfacial Charge Transfer from Layered Perovskites to Chemical Vapor Deposition-Grown MoS <sub>2</sub> . Small, 2021, 17, e2102461.	10.0	14
16	Room-temperature continuous-wave vertical-cavity surface-emitting lasers based on 2D layered organic-inorganic hybrid perovskites. APL Materials, 2021, 9, 071106.	5.1	21
17	Unveiling the origin of anomalous low-frequency Raman mode in CVD-grown monolayer WS <sub>2</sub> . Nano Research, 2021, 14, 4314-4320.	10.4	9
18	Recent nanosheet-based materials for monovalent and multivalent ions storage. Energy Storage Materials, 2020, 25, 382-403.	18.0	14

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19	Spatial variations of valley splitting in monolayer transition metal dichalcogenide. <i>Informa Mater</i> , 2020, 2, 585-592.	17.3	5
20	Optical characterization of two-dimensional semiconductors. , 2020, , 135-166.		1
21	Visualizing the Anomalous Charge Density Wave States in Graphene/NbSe <sub>2</sub> Heterostructures. <i>Advanced Materials</i> , 2020, 32, e2003746.	21.0	23
22	A 3D topological Dirac semimetal/MoO <sub>3</sub> thin film heterojunction infrared photodetector with a current reversal phenomenon. <i>Journal of Materials Chemistry C</i> , 2020, 8, 16024-16031.	5.5	10
23	Excitonic Lasers in Atomically Thin 2D Semiconductors. , 2020, 2, 1328-1342.		12
24	Synthesis of Atomically Thin 1T-TaSe <sub>2</sub> with a Strongly Enhanced Charge Density Wave Order. <i>Advanced Functional Materials</i> , 2020, 30, 2001903.	14.9	15
25	Room Temperature Commensurate Charge Density Wave on Epitaxially Grown Bilayer 2H-Tantalum Sulfide on Hexagonal Boron Nitride. <i>ACS Nano</i> , 2020, 14, 3917-3926.	14.6	27
26	Salt effect on thermodynamics and kinetics of a single RNA base pair. <i>Rna</i> , 2020, 26, 470-480.	3.5	14
27	Facile Synthesis of Bi <sub>2</sub> MoO <sub>6</sub> Nanosheets@Nitrogen and Sulfur Codoped Graphene Composites for Sodium-ion Batteries. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 115-119.	2.6	10
28	Enhanced photoluminescence of WS <sub>2</sub> /WO <sub>3</sub> heterostructural QDs. <i>Journal of Alloys and Compounds</i> , 2020, 834, 155066.	5.5	8
29	Heterostructured TiO <sub>2</sub> Spheres with Tunable Interiors and Shells toward Improved Packing Density and Pseudocapacitive Sodium Storage. <i>Advanced Materials</i> , 2019, 31, e1904589.	21.0	73
30	Enhancing and controlling valley magnetic response in MoS <sub>2</sub> /WS <sub>2</sub> heterostructures by all-optical route. <i>Nature Communications</i> , 2019, 10, 4226.	12.8	38
31	Unveiling exceptionally robust valley contrast in AA- and AB-stacked bilayer WS <sub>2</sub> . <i>Nanoscale Horizons</i> , 2019, 4, 396-403.	8.0	28
32	Room temperature nanocavity laser with interlayer excitons in 2D heterostructures. <i>Science Advances</i> , 2019, 5, eaav4506.	10.3	108
33	Progressively Exposing Active Facets of 2D Nanosheets toward Enhanced Pseudocapacitive Response and High-Rate Sodium Storage. <i>Advanced Materials</i> , 2019, 31, e1900526.	21.0	83
34	Engineering Valley Polarization of Monolayer WS <sub>2</sub> : A Physical Doping Approach. <i>Small</i> , 2019, 15, e1805503.	10.0	62
35	Highly dispersed Pt nanoparticles on hierarchical titania nanoflowers with {010} facets for gas sensing and photocatalysis. <i>Journal of Materials Science</i> , 2019, 54, 6826-6840.	3.7	12
36	Ion Exchange Synthesis of Cobalt Ion Modified Titanate Nanoarray as an Electrocatalyst toward Efficient Hydrogen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2019, 2, 8946-8955.	5.1	2

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37	In-plane Anisotropic Thermal Conductivity of Few-layered Transition Metal Dichalcogenide Td <sub>2</sub> . <i>Advanced Materials</i> , 2019, 31, e1804979.	21.0	45
38	Raman Spectroscopy Study of Two-Dimensional Materials Under Strain. <i>Springer Series in Materials Science</i> , 2019, , 111-129.	0.6	1
39	InSe monolayer: synthesis, structure and ultra-high second-harmonic generation. <i>2D Materials</i> , 2018, 5, 025019.	4.4	92
40	Low Frequency Raman Scattering of Two-Dimensional Materials Beyond Graphene. <i>Springer Series in Surface Sciences</i> , 2018, , 195-206.	0.3	0
41	High-rate, long cycle-life Li-ion battery anodes enabled by ultrasmall tin-based nanoparticles encapsulation. <i>Energy Storage Materials</i> , 2018, 14, 169-178.	18.0	47
42	A library of atomically thin metal chalcogenides. <i>Nature</i> , 2018, 556, 355-359.	27.8	1,225
43	Large-area Atomic Layers of the Charge-density-Wave Conductor TiSe <sub>2</sub> . <i>Advanced Materials</i> , 2018, 30, 1704382.	21.0	60
44	Light Sources and Photodetectors Enabled by 2D Semiconductors. <i>Small Methods</i> , 2018, 2, 1800019.	8.6	35
45	Tunable excitonic emission of monolayer WS <sub>2</sub> for the optical detection of DNA nucleobases. <i>Nano Research</i> , 2018, 11, 1744-1754.	10.4	20
46	Optical Properties of 2D Semiconductor WS <sub>2</sub> . <i>Advanced Optical Materials</i> , 2018, 6, 1700767.	7.3	265
47	1T <sup>±</sup> 2 Transition Metal Telluride Atomic Layers for Plasmon-Free SERS at Femtomolar Levels. <i>Journal of the American Chemical Society</i> , 2018, 140, 8696-8704.	13.7	192
48	Light-Tunable 1T-TaS <sub>2</sub> Charge-Density-Wave Oscillators. <i>ACS Nano</i> , 2018, 12, 11203-11210.	14.6	51
49	Carrier density and light helicity dependence of photocurrent in mono- and bilayer graphene. <i>Semiconductor Science and Technology</i> , 2018, 33, 114008.	2.0	5
50	Mass Production of Large-sized, Nonlayered 2D Nanosheets: Their Directed Synthesis by a Rapid Gel-Blowing Strategy, and Applications in Li/Na Storage and Catalysis. <i>Advanced Materials</i> , 2018, 30, e1803569.	21.0	74
51	Controllable Design of MoS <sub>2</sub> Nanosheets Anchored on Nitrogen-doped Graphene: Toward Fast Sodium Storage by Tunable Pseudocapacitance. <i>Advanced Materials</i> , 2018, 30, e1800658.	21.0	275
52	Engineering Morphologies of Cobalt Pyrophosphates Nanostructures toward Greatly Enhanced Electrocatalytic Performance of Oxygen Evolution Reaction. <i>Small</i> , 2018, 14, e1801068.	10.0	45
53	Intrinsic excitonic emission and valley Zeeman splitting in epitaxial MS <sub>2</sub> (M = Mo and W) monolayers on hexagonal boron nitride. <i>Nano Research</i> , 2018, 11, 6227-6236.	10.4	8
54	Probing magnetic-proximity-effect enlarged valley splitting in monolayer WSe <sub>2</sub> by photoluminescence. <i>Nano Research</i> , 2018, 11, 6252-6259.	10.4	20

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55	Oriented graphene nanoribbons embedded in hexagonal boron nitride trenches. Nature Communications, 2017, 8, 14703.	12.8	119
56	Luminescence origin of carbon based dots obtained from citric acid and amino group-containing molecules. Carbon, 2017, 118, 319-326.	10.3	129
57	Molecular-Level Design of Hierarchically Porous Carbons Codoped with Nitrogen and Phosphorus Capable of In Situ Self-Activation for Sustainable Energy Systems. Small, 2017, 13, 1602010.	10.0	47
58	Room-temperature 2D semiconductor activated vertical-cavity surface-emitting lasers. Nature Communications, 2017, 8, 543.	12.8	102
59	High-quality monolayer superconductor NbSe <sub>2</sub> grown by chemical vapour deposition. Nature Communications, 2017, 8, 394.	12.8	290
60	Toward High Energy Organic Cathodes for Li-ion Batteries: A Case Study of Vat Dye/Graphene Composites. Advanced Functional Materials, 2017, 27, 1603603.	14.9	90
61	Revealing electronic nature of broad bound exciton bands in two-dimensional semiconducting $W$ and $S$ and	2.4	19
62	Magnetic Modes in Rare Earth Perovskites: A Magnetic-Field-Dependent Inelastic Light Scattering study. Scientific Reports, 2016, 6, 36859.	3.3	8
63	Long-range magnetic coupling across a polar insulating layer. Nature Communications, 2016, 7, 11015.	12.8	19
64	Controlled Synthesis of Atomically Thin 1T-TaS <sub>2</sub> for Tunable Charge Density Wave Phase Transitions. Chemistry of Materials, 2016, 28, 7613-7618.	6.7	75
65	Magneto-Optical Study of Defect Induced Sharp Photoluminescence in LaAlO <sub>3</sub> and SrTiO <sub>3</sub> . Scientific Reports, 2016, 6, 33145.	3.3	3
66	Electrically Tunable Valley-Light Emitting Diode (vLED) Based on CVD-Grown Monolayer WS <sub>2</sub> . Nano Letters, 2016, 16, 1560-1567.	9.1	175
67	Magnetic oscillation of optical phonon in ABA- and ABC-stacked trilayer graphene. Physical Review B, 2015, 91, .	3.2	8
68	Stacking sequence determines Raman intensities of observed interlayer shear modes in 2D layered materials – A general bond polarizability model. Scientific Reports, 2015, 5, 14565.	3.3	51
69	Supramolecular Polymerization Promoted In Situ Fabrication of Nitrogen-Doped Porous Graphene Sheets as Anode Materials for Li-ion Batteries. Advanced Energy Materials, 2015, 5, 1500559.	19.5	133
70	Remarkable anisotropic phonon response in uniaxially strained few-layer black phosphorus. Nano Research, 2015, 8, 3944-3953.	10.4	68
71	Observation of Excitonic Fine Structure in a 2D Transition-Metal Dichalcogenide Semiconductor. ACS Nano, 2015, 9, 647-655.	14.6	288
72	Surfactant-assisted encapsulation of uniform SnO <sub>2</sub> nanoparticles in graphene layers for high-performance Li-storage. 2D Materials, 2015, 2, 014005.	4.4	18

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73	Silane-catalysed fast growth of large single-crystalline graphene on hexagonal boron nitride. Nature Communications, 2015, 6, 6499.	12.8	173
74	Dichroic spin-valley photocurrent in monolayer molybdenum disulphide. Nature Communications, 2015, 6, 7636.	12.8	128
75	Strain-induced direct-indirect bandgap transition and phonon modulation in monolayer WS <sub>2</sub> . Nano Research, 2015, 8, 2562-2572.	10.4	323
76	Revealing the interactions between pentagon-octagon-pentagon defect graphene and organic donor/acceptor molecules: a theoretical study. Physical Chemistry Chemical Physics, 2015, 17, 4919-4925.	2.8	22
77	Thermal conductivity determination of suspended mono- and bilayer WS <sub>2</sub> by Raman spectroscopy. Nano Research, 2015, 8, 1210-1221.	10.4	280
78	Electrical field tuning of magneto-Raman scattering in monolayer graphene. Nano Research, 2015, 8, 1139-1147.	10.4	8
79	Evolution of Raman G and 2D bands in monolayer and bilayer graphene. Physical Review B, 2014, 89, 041408.	10.4	25
80	Synthesis and Optical Properties of Large Area Single-Crystalline 2D Semiconductor WS <sub>2</sub> Monolayer from Chemical Vapor Deposition. Advanced Optical Materials, 2014, 2, 131-136.	7.3	513
81	Chemically engineered graphene oxide as high performance cathode materials for Li-ion batteries. Carbon, 2014, 76, 148-154.	10.3	80
82	Three-Dimensional Co <sub>3</sub> O <sub>4</sub> @MnO <sub>2</sub> Hierarchical Nanoneedle Arrays: Morphology Control and Electrochemical Energy Storage. Advanced Functional Materials, 2014, 24, 3815-3826.	14.9	378
83	Microwave-assisted solvothermal preparation of nitrogen and sulfur co-doped reduced graphene oxide and graphene quantum dots hybrids for highly efficient oxygen reduction. Journal of Materials Chemistry A, 2014, 2, 20605-20611.	10.3	76
84	Low temperature photoresponse of monolayer tungsten disulphide. APL Materials, 2014, 2, .	5.1	10
85	Strain and structure heterogeneity in MoS <sub>2</sub> atomic layers grown by chemical vapour deposition. Nature Communications, 2014, 5, 5246.	12.8	453
86	Chemically Driven Tunable Light Emission of Charged and Neutral Excitons in Monolayer WS <sub>2</sub> . ACS Nano, 2014, 8, 11320-11329.	14.6	236
87	Encapsulation of nanoscale metal oxides into an ultra-thin Ni matrix for superior Li-ion batteries: a versatile strategy. Nanoscale, 2014, 6, 12990-13000.	5.6	21
88	Redox-crosslinked graphene networks with enhanced electrochemical capacitance. Journal of Materials Chemistry A, 2014, 2, 12924.	10.3	44
89	Enhanced ultra-low-frequency interlayer shear modes in folded graphene layers. Nature Communications, 2014, 5, 4709.	12.8	77
90	Valley depolarization due to intervalley and intravalley electron-hole exchange interactions in monolayer MoS <sub>2</sub> . Physical Review B, 2014, 89, .	3.2	232

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91	Femtosecond pump-probe spectroscopy of graphene oxide in water. <i>Journal Physics D: Applied Physics</i> , 2014, 47, 094008.	2.8	21
92	3D Carbon/Cobalt-Nickel Mixed-Oxide Hybrid Nanostructured Arrays for Asymmetric Supercapacitors. <i>Small</i> , 2014, 10, 2937-2945.	10.0	146
93	Nitrogen and Sulfur Codoped Graphene: Multifunctional Electrode Materials for High-Performance Li-ion Batteries and Oxygen Reduction Reaction. <i>Advanced Materials</i> , 2014, 26, 6186-6192.	21.0	598
94	Nitrogen-doped carbon-based dots prepared by dehydrating EDTA with hot sulfuric acid and their electrocatalysis for oxygen reduction reaction. <i>RSC Advances</i> , 2014, 4, 32791-32795.	3.6	26
95	Seed-assisted synthesis of Co <sub>3</sub> O <sub>4</sub> @ $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> core-shell nanoneedle arrays for lithium-ion battery anode with high capacity. <i>RSC Advances</i> , 2014, 4, 13241.	3.6	41
96	A novel anti-cancer agent, acetyltanshinone IIA, inhibits oestrogen receptor positive breast cancer cell growth by down-regulating the oestrogen receptor. <i>Cancer Letters</i> , 2014, 346, 94-103.	7.2	30
97	Directly Grown K <sub>0.33</sub> WO <sub>3</sub> Nanosheet Film Electrode for Fast Direct Electron Transfer of Protein. <i>ChemElectroChem</i> , 2014, 1, 463-470.	3.4	3
98	Evolution of disposable bamboo chopsticks into uniform carbon fibers: a smart strategy to fabricate sustainable anodes for Li-ion batteries. <i>Energy and Environmental Science</i> , 2014, 7, 2670-2679.	30.8	271
99	Facile fabrication of hierarchical ZnCo <sub>2</sub> O <sub>4</sub> /NiO core/shell nanowire arrays with improved lithium-ion battery performance. <i>Nanoscale</i> , 2014, 6, 6563-6568.	5.6	73
100	Observation of low-wavenumber out-of-plane optical phonon in few-layer graphene. <i>Journal of Raman Spectroscopy</i> , 2013, 44, 70-74.	2.5	9
101	Calcium-dependent conformational transition of calmodulin determined by Fourier transform infrared spectroscopy. <i>International Journal of Biological Macromolecules</i> , 2013, 56, 57-61.	7.5	6
102	Describing curved-planar $\pi$ - $\pi$ interactions: modeled by corannulene, pyrene and coronene. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 12694.	2.8	37
103	Raman spectroscopy of morphology-controlled deposition of Au on graphene. <i>Carbon</i> , 2013, 59, 487-494.	10.3	49
104	Diffusion-controlled evolution of core-shell nanowire arrays into integrated hybrid nanotube arrays for Li-ion batteries. <i>Nanoscale</i> , 2013, 5, 8105.	5.6	52
105	Thickness-dependent patterning of MoS <sub>2</sub> sheets with well-oriented triangular pits by heating in air. <i>Nano Research</i> , 2013, 6, 703-711.	10.4	118
106	Fabrication of all-in-one multifunctional phage liquid crystalline fibers. <i>RSC Advances</i> , 2013, 3, 20437.	3.6	1
107	Terahertz Conductivity of Twisted Bilayer Graphene. <i>Physical Review Letters</i> , 2013, 110, 067401.	7.8	73
108	Three dimensional $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> /polypyrrole (Ppy) nanoarray as anode for micro lithium ion batteries. <i>Nano Energy</i> , 2013, 2, 726-732.	16.0	102

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109	Strong magnetophonon resonance induced triple G-mode splitting in graphene on graphite probed by micromagneto Raman spectroscopy. <i>Physical Review B</i> , 2013, 88, .	3.2	17
110	Nonblinking, Intense Two-Dimensional Light Emitter: Monolayer WS <sub>2</sub> Triangles. <i>ACS Nano</i> , 2013, 7, 10985-10994.	14.6	281
111	A Novel Graphene-Polysulfide Anode Material for High-Performance Lithium-Ion Batteries. <i>Scientific Reports</i> , 2013, 3, 2341.	3.3	68
112	Experimental evidences of topological surface states of $\hat{I}^2$ -Ag <sub>2</sub> Te. <i>AIP Advances</i> , 2013, 3, 032123.	1.3	36
113	Hierarchical TiO <sub>2</sub> nanobelts@MnO <sub>2</sub> ultrathin nanoflakes core-shell array electrode materials for supercapacitors. <i>RSC Advances</i> , 2013, 3, 14413.	3.6	98
114	The transformation of a gold film on few-layer graphene to produce either hexagonal or triangular nanoparticles during annealing. <i>Carbon</i> , 2013, 52, 379-387.	10.3	37
115	Rapid and non-destructive identification of graphene oxide thickness using white light contrast spectroscopy. <i>Carbon</i> , 2013, 52, 528-534.	10.3	42
116	One-pot, aqueous-phase synthesis of graphene oxide functionalized with heterocyclic groups to give increased solubility in organic solvents. <i>RSC Advances</i> , 2013, 3, 45-49.	3.6	38
117	A Novel Xanthone from <i>Garcinia oligantha</i> . <i>Helvetica Chimica Acta</i> , 2013, 96, 494-498.	1.6	5
118	Self-assembled graphene@PANI nanoworm composites with enhanced supercapacitor performance. <i>RSC Advances</i> , 2013, 3, 5851.	3.6	127
119	How do the electron beam writing and metal deposition affect the properties of graphene during device fabrication?. <i>Nanoscale</i> , 2013, 5, 3352.	5.6	25
120	Mechanical Exfoliation and Characterization of Single- and Few-Layer Nanosheets of WSe <sub>2</sub> , TaS <sub>2</sub> , and TaSe <sub>2</sub> . <i>Small</i> , 2013, 9, 1974-1981.	10.0	544
121	Visualization of arrangements of carbon atoms in graphene layers by Raman mapping and atomic-resolution TEM. <i>Scientific Reports</i> , 2013, 3, 1195.	3.3	43
122	Raman Spectroscopy Study of Lattice Vibration and Crystallographic Orientation of Monolayer MoS <sub>2</sub> under Uniaxial Strain. <i>Small</i> , 2013, 9, 2857-2861.	10.0	363
123	A Generic Micropatterning Platform to Direct Human Mesenchymal Stem Cells from Different Origins Towards Myogenic Differentiation. <i>Macromolecular Bioscience</i> , 2013, 13, 799-807.	4.1	17
124	Advanced nanobiomaterial strategies for the development of organized tissue engineering constructs. <i>Nanomedicine</i> , 2013, 8, 591-602.	3.3	37
125	Sensitivity enhanced biosensor using graphene-based one-dimensional photonic crystal. <i>Sensors and Actuators B: Chemical</i> , 2013, 182, 424-428.	7.8	133
126	Comparison of surface-enhanced Raman scattering on graphene oxide, reduced graphene oxide and graphene surfaces. <i>Carbon</i> , 2013, 62, 422-429.	10.3	107



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127	Rationally Designed Hierarchical TiO <sub>2</sub> @Fe <sub>2</sub> O <sub>3</sub> Hollow Nanostructures for Improved Lithium Ion Storage. <i>Advanced Energy Materials</i> , 2013, 3, 737-743.	19.5	296
128	Controlled synthesis of hierarchical graphene-wrapped TiO <sub>2</sub> @Co <sub>3</sub> O <sub>4</sub> coaxial nanobelt arrays for high-performance lithium storage. <i>Journal of Materials Chemistry A</i> , 2013, 1, 273-281.	10.3	135
129	Carbon-Based Dots Co-doped with Nitrogen and Sulfur for High Quantum Yield and Excitation-Independent Emission. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7800-7804.	13.8	1,872
130	Contrast and Raman spectroscopy study of single- and few-layered charge density wave material: 2H-TaSe <sub>2</sub> . <i>Scientific Reports</i> , 2013, 3, 2593.	3.3	120
131	Influence of organic layer thickness on structure, magnetic, and transport properties of Langmuir-Blodgett ttb-CuPc/CoFe. <i>Applied Physics Letters</i> , 2013, 102, 022401.	3.3	4
132	Long range surface plasmons in a symmetric graphene system with anisotropic dielectrics. <i>Journal of Optics (United Kingdom)</i> , 2013, 15, 055002.	2.2	23
133	Annealing temperature dependence of exchange bias in BiFeO <sub>3</sub> /CoFe bilayers. <i>Journal of Applied Physics</i> , 2012, 111, 07D908.	2.5	10
134	Probing near Dirac point electron-phonon interaction in graphene. <i>Optical Materials Express</i> , 2012, 2, 1713.	3.0	10
135	Effects of Ga addition on structural and magnetic properties of nanocomposite Nd-Fe-B-Ti-C thick ribbons. <i>Journal of Applied Physics</i> , 2012, 111, .	2.5	8
136	Disorder-free sputtering method on graphene. <i>AIP Advances</i> , 2012, 2, .	1.3	31
137	Thickness identification of two-dimensional materials by optical imaging. <i>Nanotechnology</i> , 2012, 23, 495713.	2.6	101
138	Formation of graphene oxide gel via the $\pi$ -stacked supramolecular self-assembly. <i>RSC Advances</i> , 2012, 2, 12204.	3.6	55
139	Controlled growth of SnO <sub>2</sub> @Fe <sub>2</sub> O <sub>3</sub> double-sided nanocombs as anodes for lithium-ion batteries. <i>Nanoscale</i> , 2012, 4, 4459.	5.6	60
140	Recognition of carbon nanotube chirality by phage display. <i>RSC Advances</i> , 2012, 2, 1466-1476.	3.6	25
141	Benzoxazole and benzimidazole heterocycle-grafted graphene for high-performance supercapacitor electrodes. <i>Journal of Materials Chemistry</i> , 2012, 22, 23439.	6.7	126
142	Zone folding effect in Raman $G$ -band intensity of twisted bilayer graphene. <i>Physical Review B</i> , 2012, 86, .	3.2	79
143	Photocontrolled Molecular Structural Transition and Doping in Graphene. <i>ACS Nano</i> , 2012, 6, 8878-8886.	14.6	58
144	Seed-assisted synthesis of highly ordered TiO <sub>2</sub> @Fe <sub>2</sub> O <sub>3</sub> core/shell arrays on carbon textiles for lithium-ion battery applications. <i>Energy and Environmental Science</i> , 2012, 5, 6559.	30.8	421

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145	The Origin of Fluorescence from Graphene Oxide. <i>Scientific Reports</i> , 2012, 2, 792.	3.3	505
146	Magnetic Properties and Magnetic Domain Structures Evolution Modulated by CoFeB Layer in [Pd/Co]/CoFeB/MgO/CoFeB/[Co/Pd] Perpendicular MTJ Films. <i>IEEE Transactions on Magnetics</i> , 2012, 48, 2812-2815.	2.1	3
147	Excitation of surface electromagnetic waves in a graphene-based Bragg grating. <i>Scientific Reports</i> , 2012, 2, 737.	3.3	97
148	Uniform Decoration of Reduced Graphene Oxide Sheets with Gold Nanoparticles. <i>Journal of Nanotechnology</i> , 2012, 2012, 1-8.	3.4	34
149	Study of electromagnetic enhancement for surface enhanced Raman spectroscopy of SiC graphene. <i>Applied Physics Letters</i> , 2012, 100, 191601.	3.3	19
150	Bio-inspired Nacre-like Composite Films Based on Graphene with Superior Mechanical, Electrical, and Biocompatible Properties. <i>Advanced Materials</i> , 2012, 24, 3426-3431.	21.0	389
151	Direct observation of inner and outer G <sup>2</sup> band double-resonance Raman scattering in free standing graphene. <i>Applied Physics Letters</i> , 2012, 100, .	3.3	17
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