

# Qingzhong Xue

## List of Publications by Year in descending order

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239  
papers

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20817

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docs citations

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13366  
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#	ARTICLE	IF	CITATIONS
1	Polycyclic Aromatic Hydrocarbons as a New Class of Promising Cathode Materials for Aluminum Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202114681.	13.8	37
2	Plate-barrier architecture of rGO-TiO <sub>2</sub> derived from MXene for constructing well-aligned polymer nanocomposites with excellent dielectric performance. <i>Composites Science and Technology</i> , 2022, 218, 109191.	7.8	9
3	The miscible behaviors of C <sub>3</sub> H <sub>8</sub> /C <sub>8</sub> H <sub>18</sub> (C <sub>7</sub> H <sub>17</sub> N) system in nanoslits: Effects of pore size and rock surface wettability. <i>Chemical Engineering Journal</i> , 2022, 431, 133988.	12.7	2
4	A tin oxide/silicon heterojunction with a nano litchi shell structure for ultrafast, high-detectivity, self-powered broadband photodetectors. <i>Journal of Materials Chemistry C</i> , 2022, 10, 2049-2059.	5.5	8
5	Self-powered multifunctional monitoring and analysis system based on dual-triboelectric nanogenerator and chitosan/activated carbon film humidity sensor. <i>Nano Energy</i> , 2022, 94, 106881.	16.0	58
6	Sensing mechanism of acetone adsorption on charged ZnO and ZnSe surfaces: Insights from DFT calculations. <i>Materials Today Communications</i> , 2022, 31, 103238.	1.9	7
7	Six-Arm Stellat Dendritic-PbS Flexible Infrared Photodetector for Intelligent Healthcare Monitoring. <i>Advanced Materials Technologies</i> , 2022, 7, .	5.8	18
8	Multifunctional superwetting positively charged foams for continuous oil/water emulsion separation and removal of hazardous pollutants from water. <i>Separation and Purification Technology</i> , 2022, 289, 120683.	7.9	19
9	The effect of gas injection velocity and pore morphology on displacement mechanisms in porous media based on CFD approach. <i>Journal of Natural Gas Science and Engineering</i> , 2022, 101, 104558.	4.4	8
10	Trace nitrogen-incorporation stimulates dual active sites of nickel catalysts for efficient hydrogen oxidation electrocatalysis. <i>Chemical Engineering Journal</i> , 2022, 445, 136700.	12.7	11
11	Dual carbon Li-ion capacitor with high energy density and ultralong cycling life at a wide voltage window. <i>Science China Materials</i> , 2022, 65, 2373-2384.	6.3	5
12	Robust modified nylon mesh for the separation of crude-oil/water emulsion based on the coupling of squeezing coalescence demulsification and sieving separation. <i>Separation and Purification Technology</i> , 2022, 295, 121319.	7.9	9
13	DFT insights into the selective NH <sub>3</sub> sensing mechanism of two dimensional ZnTe monolayer. <i>Journal of Physics Condensed Matter</i> , 2022, 34, 374002.	1.8	0
14	Dual-functional membrane decorated with flower-like metal-organic frameworks for highly efficient removal of insoluble emulsified oils and soluble dyes. <i>Journal of Hazardous Materials</i> , 2021, 408, 124444.	12.4	92
15	Dynamics and miscible behaviors of hydrocarbon gas and crude oil in nanoslits: Effects of light gas type and crude oil components. <i>Chemical Engineering Journal</i> , 2021, 405, 127012.	12.7	25
16	High-performance aluminum-polyaniline battery based on the interaction between aluminum ion and -NH groups. <i>Science China Materials</i> , 2021, 64, 318-328.	6.3	31
17	3D radial Co <sub>3</sub> O <sub>4</sub> nanorod cluster derived from cobalt-based layered hydroxide metal salt for enhanced trace acetone detection. <i>Sensors and Actuators B: Chemical</i> , 2021, 327, 128926.	7.8	36
18	Multifunctional charged hydrogel nanofibrous membranes for metal ions contained emulsified oily wastewater purification. <i>Journal of Membrane Science</i> , 2021, 621, 118950.	8.2	45

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19	Ni-doped brochantite@copper hydroxide hierarchical structures on copper mesh with ultrahigh oil-resistance for high-efficiency oil/water separation. <i>Surface and Coatings Technology</i> , 2021, 406, 126642.	4.8	13
20	CH <sub>4</sub> and CO <sub>2</sub> Adsorption Mechanism in Kaolinite Slit Nanopores as Studied by the Grand Canonical Monte Carlo Method. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 108-119.	0.9	2
21	Improving the performance of lithium ion capacitor by stabilizing anode working potential using CoSe <sub>2</sub> nanoparticles embedded nitrogen-doped hard carbon microspheres. <i>Electrochimica Acta</i> , 2021, 370, 137717.	5.2	17
22	ZIF-8 derived ZnO polyhedrons decorated with biomass derived nitrogen-doped porous carbon for enhanced acetone sensing. <i>Sensors and Actuators B: Chemical</i> , 2021, 330, 129366.	7.8	46
23	Critical factors controlling adsorption capacity of shale gas in Wufeng-Longmaxi formation, Sichuan Basin: Evidences from both experiments and molecular simulations. <i>Journal of Natural Gas Science and Engineering</i> , 2021, 88, 103774.	4.4	24
24	Water-soluble Salt Template-assisted Anchor of Hollow FeS <sub>2</sub> Nanoparticle Inside 3D Carbon Skeleton to Achieve Fast Potassium Ion Storage. <i>Advanced Energy Materials</i> , 2021, 11, 2101343.	19.5	56
25	Enhancing oil-in-water emulsion separation performance of polyvinyl alcohol hydrogel nanofibrous membrane by squeezing coalescence demulsification. <i>Journal of Membrane Science</i> , 2021, 630, 119324.	8.2	61
26	Stimulation of surface terminating group by carbon quantum dots for improving pseudocapacitance of Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene based electrode. <i>Carbon</i> , 2021, 180, 118-126.	10.3	32
27	Reusable membrane with multifunctional skin layer for effective removal of insoluble emulsified oils and soluble dyes. <i>Journal of Hazardous Materials</i> , 2021, 415, 125677.	12.4	86
28	Hierarchical superhydrophobic polydimethylsiloxane/copper terephthalate/polyurethane sponge for highly efficient oil/water separation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 630, 127635.	4.7	24
29	Amorphous Se species anchored into enclosed carbon skeleton bridged by chemical bonding toward advanced K-Se batteries. <i>Journal of Energy Chemistry</i> , 2021, 61, 319-326.	12.9	15
30	Bimetallic metal-organic frameworks derived hierarchical flower-like Zn-doped Co <sub>3</sub> O <sub>4</sub> for enhanced acetone sensing properties. <i>Applied Surface Science</i> , 2021, 565, 150520.	6.1	26
31	The miscible behaviors and mechanism of CO <sub>2</sub> /CH <sub>4</sub> /C <sub>3</sub> H <sub>8</sub> /N <sub>2</sub> and crude oil in nanoslits: A molecular dynamics simulation study. <i>Fuel</i> , 2021, 304, 121461.	6.4	26
32	Molecular insights into carbon dioxide enhanced multi-component shale gas recovery and its sequestration in realistic kerogen. <i>Chemical Engineering Journal</i> , 2021, 425, 130292.	12.7	49
33	End Group Modification for Black Phosphorus: Simultaneous Improvement of Chemical Stability and Gas Sensing Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 50270-50280.	8.0	16
34	Embedded SnO <sub>2</sub> /Diatomaceous earth composites for fast humidity sensing and controlling properties. <i>Sensors and Actuators B: Chemical</i> , 2020, 303, 127137.	7.8	22
35	Graphitic carbon nitride catalyzes selective oxidative dehydrogenation of propane. <i>Applied Catalysis B: Environmental</i> , 2020, 262, 118277.	20.2	47
36	Doping-induced enhancement of CO <sub>2</sub> adsorption on negatively charged C <sub>3</sub> N nanosheet: Insights from DFT calculations. <i>Chemical Engineering Journal</i> , 2020, 387, 123403.	12.7	21

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37	Metal-organic frameworks derived ZnO@MoS nanosheets core/shell heterojunctions for ppb-level acetone detection: Ultra-fast response and recovery. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127430.	7.8	57
38	Small graphite nanoflakes as an advanced cathode material for aluminum ion batteries. <i>Chemical Communications</i> , 2020, 56, 1593-1596.	4.1	24
39	Metal-organic frameworks derived hierarchical flower-like ZnO/ Co3O4 heterojunctions for ppb-level acetone detection. <i>Sensors and Actuators B: Chemical</i> , 2020, 325, 128814.	7.8	52
40	High performance aluminum ion battery using polyaniline/ordered mesoporous carbon composite. <i>Journal of Power Sources</i> , 2020, 477, 228702.	7.8	33
41	Flexible SnSe Photodetectors with Ultrabroad Spectral Response up to 10.6 $\mu\text{m}$ Enabled by Photobolometric Effect. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 35250-35258.	8.0	73
42	Great Enhancement of Self-Powered Photoresponse Performance of $\text{C}_{3\text{H}_8}\text{NSi}_2\text{TiO}_2$ NRAs/ $\text{Si}$ Heterojunction by Build-In and Build-Out Electric Field Jointly Promoting Carrier Separation. <i>Advanced Electronic Materials</i> , 2020, 6, 2000501.	5.1	10
43	Theoretical study of strain-controlled $\text{C}_2\text{X}$ ( $\text{X}=\text{N}, \text{O}$ ) membrane for $\text{CO}_2/\text{C}_2\text{H}_2$ separation. <i>Applied Surface Science</i> , 2020, 530, 147250.	6.1	7
44	Surface lattice reconstruction enhanced the photoresponse performance of a self-powered ZnO nanorod arrays/Si heterojunction photodetector. <i>Journal of Materials Chemistry C</i> , 2020, 8, 17440-17449.	5.5	13
45	Adsorption and absorption of supercritical methane within shale kerogen slit. <i>Journal of Molecular Liquids</i> , 2020, 320, 114364.	4.9	23
46	$\text{H}_2$ -Hydrogen of Polythiophene Induced Aluminum Ion Storage for High-Performance Al-Polythiophene Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 46065-46072.	8.0	31
47	Bioinspired Anti-Oil-Fouling Hierarchical Structured Membranes Decorated with Urchin-Like $\text{Fe}_3\text{O}_4$ Particles for Efficient Oil/Water Mixture and Crude Oil-in-Water Emulsion Separation. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 50962-50970.	8.0	40
48	UV assisted ppb-level acetone detection based on hollow ZnO/MoS <sub>2</sub> nanosheets core/shell heterostructures at low temperature. <i>Sensors and Actuators B: Chemical</i> , 2020, 317, 128208.	7.8	74
49	Enhanced gas separation performance of Pebax mixed matrix membranes by incorporating ZIF-8 in situ inserted by multiwalled carbon nanotubes. <i>Separation and Purification Technology</i> , 2020, 248, 117080.	7.9	49
50	Wafer-size growth of 2D layered SnSe films for UV-Visible-NIR photodetector arrays with high responsivity. <i>Nanoscale</i> , 2020, 12, 7358-7365.	5.6	53
51	Folding 2D Graphene Nanoribbons into 3D Nanocages Induced by Platinum Nanoclusters. <i>Journal of Physical Chemistry C</i> , 2020, 124, 10495-10501.	3.1	4
52	The miscible behaviors of $\text{C}_{10}\text{H}_{22}(\text{C}_7\text{H}_{17}\text{N})/\text{C}_3\text{H}_8$ system: Insights from molecular dynamics simulations. <i>Fuel</i> , 2020, 279, 118445.	6.4	19
53	SnO <sub>2</sub> nanoparticles-modified 3D-multilayer MoS <sub>2</sub> nanosheets for ammonia gas sensing at room temperature. <i>Sensors and Actuators B: Chemical</i> , 2020, 321, 128471.	7.8	71
54	High-performance aqueous sodium-ion battery using a hybrid electrolyte with a wide electrochemical stability window. <i>RSC Advances</i> , 2020, 10, 25496-25499.	3.6	16

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55	Autonomous Drug Release Systems with Disease Symptom-Associated Triggers. <i>Advanced Intelligent Systems</i> , 2020, 2, 1900124.	6.1	14
56	Microphone-like Cu-CAT-1 hierarchical structures with ultra-low oil adhesion for highly efficient oil/water separation. <i>Separation and Purification Technology</i> , 2020, 241, 116688.	7.9	24
57	Enhanced energy storage density and discharge efficiency in potassium sodium niobite-based ceramics prepared using a new scheme. <i>Journal of the European Ceramic Society</i> , 2020, 40, 2357-2365.	5.7	41
58	Layered double hydroxides derived NiCo-sulfide as a cathode material for aluminum ion batteries. <i>Electrochimica Acta</i> , 2020, 344, 136174.	5.2	26
59	One-step synthesis of a robust and anti-oil-fouling biomimetic cactus-like hierarchical architecture for highly efficient oil/water separation. <i>Environmental Science: Nano</i> , 2020, 7, 903-911.	4.3	28
60	Review-Open-Framework Structure Based Cathode Materials Coupled with Metallic Anodes for Rechargeable Multivalent Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2020, 167, 160530.	2.9	4
61	Lattice Boltzmann method for simulation of shale gas flow in kerogen nano-pores considering temperature dependent adsorption. <i>International Journal of Oil, Gas and Coal Technology</i> , 2020, 23, 409.	0.2	0
62	Flexible self-powered high-performance ammonia sensor based on Au-decorated MoSe <sub>2</sub> nanoflowers driven by single layer MoS <sub>2</sub> -flake piezoelectric nanogenerator. <i>Nano Energy</i> , 2019, 65, 103974.	16.0	281
63	TiO <sub>2</sub> @TiO <sub>2</sub> xHx core-shell nanoparticle film/Si heterojunction for ultrahigh detectivity and sensitivity broadband photodetector. <i>Nanotechnology</i> , 2019, 30, 415203.	2.6	4
64	Co-MOF-74 derived Co <sub>3</sub> O <sub>4</sub> /graphene heterojunction nanoscrolls for ppb-level acetone detection. <i>Sensors and Actuators B: Chemical</i> , 2019, 300, 127011.	7.8	62
65	Solution quenched in-situ growth of hierarchical flower-like NiFe <sub>2</sub> O <sub>4</sub> /Fe <sub>2</sub> O <sub>3</sub> heterojunction for wide-range light absorption. <i>Journal of Power Sources</i> , 2019, 440, 227120.	7.8	20
66	Charge-controlled switchable H <sub>2</sub> storage on conductive borophene nanosheet. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 20150-20157.	7.1	26
67	Investigation of pore size effects on adsorption behavior of shale gas. <i>Marine and Petroleum Geology</i> , 2019, 109, 1-8.	3.3	45
68	Oxygen vacancies enhanced photoresponsive performance of ZnO nanoparticles thin film/Si heterojunctions for ultraviolet/infrared photodetector. <i>Journal of Alloys and Compounds</i> , 2019, 797, 1224-1231.	5.5	26
69	Revealing the impacting factors of cathodic carbon catalysts for Li-CO <sub>2</sub> batteries in the pore-structure point of view. <i>Electrochimica Acta</i> , 2019, 311, 41-49.	5.2	28
70	A ZIF-8@H:ZnO core-shell nanorod arrays/Si heterojunction self-powered photodetector with ultrahigh performance. <i>Journal of Materials Chemistry C</i> , 2019, 7, 5172-5183.	5.5	15
71	A hierarchical structured steel mesh decorated with metal organic framework/graphene oxide for high-efficient oil/water separation. <i>Journal of Hazardous Materials</i> , 2019, 373, 725-732.	12.4	120
72	A durable mesh decorated with polydopamine/graphene oxide for highly efficient oil/water mixture separation. <i>Applied Surface Science</i> , 2019, 479, 351-359.	6.1	51

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73	High-efficiency separation performance of oil-water emulsions of polyacrylonitrile nanofibrous membrane decorated with metal-organic frameworks. <i>Applied Surface Science</i> , 2019, 476, 61-69.	6.1	103
74	Layer-by-layer self-assembly of polyaniline nanofibers/TiO <sub>2</sub> nanotubes heterojunction thin film for ammonia detection at room temperature. <i>Nanotechnology</i> , 2019, 30, 135501.	2.6	20
75	Critical factors controlling shale gas adsorption mechanisms on Different Minerals Investigated Using GCMC simulations. <i>Marine and Petroleum Geology</i> , 2019, 100, 31-42.	3.3	22
76	Confined hetero double helix structure induced by graphene nanoribbon. <i>2D Materials</i> , 2019, 6, 034001.	4.4	5
77	Numerical simulation of enhancing shale gas recovery using electrical resistance heating method. <i>International Journal of Heat and Mass Transfer</i> , 2019, 128, 1218-1228.	4.8	14
78	Multi-shelled ZnCo <sub>2</sub> O <sub>4</sub> yolk-shell spheres for high-performance acetone gas sensor. <i>Applied Surface Science</i> , 2018, 443, 114-121.	6.1	77
79	Synthesis of nanowire bundle-like WO <sub>3</sub> -W <sub>18</sub> O <sub>49</sub> heterostructures for highly sensitive NH <sub>3</sub> sensor application. <i>Journal of Hazardous Materials</i> , 2018, 353, 290-299.	12.4	94
80	Ultrahigh photosensitivity and detectivity of hydrogen-treated TiO <sub>2</sub> nanorod array/SiO <sub>2</sub> /Si heterojunction broadband photodetectors and its mechanism. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2319-2328.	5.5	21
81	Charge-modulated CO <sub>2</sub> capture of C <sub>3</sub> N nanosheet: Insights from DFT calculations. <i>Chemical Engineering Journal</i> , 2018, 338, 92-98.	12.7	111
82	GCMC simulations on the adsorption mechanisms of CH <sub>4</sub> and CO <sub>2</sub> in K-illite and their implications for shale gas exploration and development. <i>Fuel</i> , 2018, 224, 521-528.	6.4	55
83	S-graphite slit pore: A superior selective adsorbent for light hydrocarbons. <i>Applied Surface Science</i> , 2018, 444, 772-779.	6.1	18
84	Ultra-sensitive NH <sub>3</sub> sensor based on flower-shaped SnS <sub>2</sub> nanostructures with sub-ppm detection ability. <i>Journal of Hazardous Materials</i> , 2018, 341, 159-167.	12.4	140
85	Outstanding capacitive performance of ordered mesoporous carbon modified by anthraquinone. <i>Electrochimica Acta</i> , 2018, 259, 110-121.	5.2	37
86	Inherent wettability of different rock surfaces at nanoscale: a theoretical study. <i>Applied Surface Science</i> , 2018, 434, 73-81.	6.1	51
87	Chemically functionalized 3D reticular graphene oxide frameworks decorated with MOF-derived Co <sub>3</sub> O <sub>4</sub> : Towards highly sensitive and selective detection to acetone. <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 289-298.	7.8	73
88	Carbon-encapsulated CoSe nanoparticles derived from metal-organic frameworks as advanced cathode material for Al-ion battery. <i>Journal of Power Sources</i> , 2018, 401, 6-12.	7.8	94
89	Me@N@C (Me = Fe, Cu, and Co) nanosheet as a promising charge-controlled CO <sub>2</sub> capture material. <i>Journal of Materials Chemistry A</i> , 2018, 6, 12404-12410.	10.3	27
90	High-performance WO <sub>3</sub> -WSe <sub>2</sub> /SiO <sub>2</sub> /n-Si heterojunction near-infrared photodetector via a homo-doping strategy. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5821-5829.	5.5	34

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91	Stable CoSe <sub>2</sub> /carbon nanodice@reduced graphene oxide composites for high-performance rechargeable aluminum-ion batteries. <i>Energy and Environmental Science</i> , 2018, 11, 2341-2347.	30.8	240
92	Great enhancement of CH <sub>4</sub> sensitivity of SnO <sub>2</sub> based nanofibers by heterogeneous sensitization and catalytic effect. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 393-401.	7.8	65
93	Ultra-high selective capture of CO <sub>2</sub> on one-sided N-doped carbon nanoscrolls. <i>Journal of CO<sub>2</sub> Utilization</i> , 2017, 18, 275-282.	6.8	22
94	Effects of Sulfur Doping and Humidity on CO <sub>2</sub> Capture by Graphite Split Pore: A Theoretical Study. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 8336-8343.	8.0	53
95	Keys to linking GCMC simulations and shale gas adsorption experiments. <i>Fuel</i> , 2017, 199, 14-21.	6.4	84
96	Defective germanene as a high-efficiency helium separation membrane: a first-principles study. <i>Nanotechnology</i> , 2017, 28, 135703.	2.6	12
97	Functionalization of petroleum coke-based mesoporous carbon for synergistically enhanced capacitive performance. <i>Journal of Materials Research</i> , 2017, 32, 1248-1257.	2.6	7
98	Enhanced Room Temperature Oxygen Sensing Properties of LaOCl@SnO <sub>2</sub> Hollow Spheres by UV Light Illumination. <i>ACS Sensors</i> , 2017, 2, 679-686.	7.8	43
99	Theoretical study of H <sub>2</sub> separation performance of two-dimensional graphitic carbon oxide membrane. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 13120-13126.	7.1	17
100	Mixed Matrix Membranes with Excellent CO <sub>2</sub> Capture Induced by Nano@Carbon Hybrids. <i>ChemNanoMat</i> , 2017, 3, 560-568.	2.8	12
101	Ultrahigh broadband photoresponse of SnO <sub>2</sub> nanoparticle thin film/SiO <sub>2</sub> /p-Si heterojunction. <i>Nanoscale</i> , 2017, 9, 8848-8857.	5.6	41
102	Ultrahigh permittivity of polymer nanocomposites based on surface-modified amorphous carbon/MWCNTs shell/core structured nanohybrids. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 100, 324-332.	7.6	9
103	Remarkable supercapacitor performance of petal-like LDHs vertically grown on graphene/polypyrrole nanoflakes. <i>Journal of Materials Chemistry A</i> , 2017, 5, 8964-8971.	10.3	53
104	Antifouling hydrolyzed polyacrylonitrile/graphene oxide membrane with spindle-knotted structure for highly effective separation of oil-water emulsion. <i>Journal of Membrane Science</i> , 2017, 532, 38-46.	8.2	170
105	Effective enhancement of gas separation performance in mixed matrix membranes using core/shell structured multi-walled carbon nanotube/graphene oxide nanoribbons. <i>Nanotechnology</i> , 2017, 28, 065702.	2.6	40
106	Pinning Down the Anomalous Light Soaking Effect toward High-Performance and Fast-Response Perovskite Solar Cells: The Ion-Migration-Induced Charge Accumulation. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 5069-5076.	4.6	60
107	Superior Selective CO <sub>2</sub> Adsorption of C <sub>3</sub> N Pores: GCMC and DFT Simulations. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 31161-31169.	8.0	79
108	Insight of synergistic effect of different active metal ions in layered double hydroxides on their electrochemical behaviors. <i>Electrochimica Acta</i> , 2017, 253, 302-310.	5.2	67

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109	Fluorine-rich carbon nanoscrolls for CO <sub>2</sub> /CO (C <sub>2</sub> H <sub>2</sub> ) adsorptive separation. <i>Journal of CO<sub>2</sub> Utilization</i> , 2017, 21, 429-435.	6.8	12
110	Electrostatic Self-Assembly of Sandwich-Like CoAl-LDH/Polypyrrole/Graphene Nanocomposites with Enhanced Capacitive Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 31699-31709.	8.0	103
111	585 divacancy-defective germanene as a hydrogen separation membrane: A DFT study. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 24189-24196.	7.1	33
112	Facile synthesis of La <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> nanoparticle films and its CO <sub>2</sub> sensing properties and mechanisms. <i>Applied Surface Science</i> , 2017, 426, 725-733.	6.1	36
113	Bifunctional petaloid nickel manganese layered double hydroxides decorated on a freestanding carbon foam for flexible asymmetric supercapacitor and oxygen evolution. <i>Electrochimica Acta</i> , 2017, 252, 275-285.	5.2	30
114	Extracting the inner wall from nested double-walled carbon nanotube by platinum nanowire: molecular dynamics simulations. <i>RSC Advances</i> , 2017, 7, 39480-39489.	3.6	6
115	Pore-scale characterization of tight sandstone in Yanchang Formation Ordos Basin China using micro-CT and SEM imaging from nm- to cm-scale. <i>Fuel</i> , 2017, 209, 254-264.	6.4	107
116	Sulfur- and Nitrogen Codoped Graphite Slit-Pore for Enhancing Selective Carbon Dioxide Adsorption: Insights from Molecular Simulations. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 8815-8823.	6.7	23
117	Two-dimensional graphene oxide membrane for H <sub>2</sub> /CH <sub>4</sub> separation: Insights from molecular dynamics simulations. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 30653-30660.	7.1	28
118	Effect of the Wettability on Two-Phase Flow Inside Porous Medium at Nanoscale: Lattice Boltzmann Simulations. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 6620-6625.	0.9	1
119	ZIF-derived porous ZnO-Co <sub>3</sub> O <sub>4</sub> hollow polyhedrons heterostructure with highly enhanced ethanol detection performance. <i>Sensors and Actuators B: Chemical</i> , 2017, 253, 523-532.	7.8	108
120	Layered double hydroxides toward high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 15460-15485.	10.3	326
121	Effective CO <sub>2</sub> detection based on LaOCl-doped SnO <sub>2</sub> nanofibers: Insight into the role of oxygen in carrier gas. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 725-734.	7.8	69
122	Graphene oxide/polyacrylonitrile fiber hierarchical-structured membrane for ultra-fast microfiltration of oil-water emulsion. <i>Chemical Engineering Journal</i> , 2017, 307, 643-649.	12.7	303
123	Molecular Simulation of Oil Mixture Adsorption Character in Shale System. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 6198-6209.	0.9	15
124	Quantitative Characterization of the Effect of Interfacial Fluid Layer on Water Flow Inside Nano-Porous Medium Using the Lattice Boltzmann Method. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 6216-6223.	0.9	1
125	Effective Enhancement of Humidity Sensing Characteristics of Novel Thermally Treated MWCNTs/Polyvinylpyrrolidone Film Caused by Interfacial Effect. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600153.	3.7	10
126	Hierarchical NiO Nanoflake Arrays on Nickel Foam as a Supercapacitor Electrode with High Capacitance and High Rate Capability. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 4169-4173.	0.9	1



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127	Excellent dielectric properties of PVDF-based composites filled with carbonized PAN/PEG copolymer fibers. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016, 87, 46-53.	7.6	25
128	Sandwich-like graphene/polypyrrole/layered double hydroxide nanowires for high-performance supercapacitors. <i>Journal of Power Sources</i> , 2016, 331, 67-75.	7.8	62
129	Theoretical study of a tunable and strain-controlled nanoporous graphenylene membrane for multifunctional gas separation. <i>Journal of Materials Chemistry A</i> , 2016, 4, 15015-15021.	10.3	65
130	Self-Assembly of Hydrofluorinated Janus Graphene Monolayer: A Versatile Route for Designing Novel Janus Nanoscrolls. <i>Scientific Reports</i> , 2016, 6, 26914.	3.3	18
131	Super flexibility and stability of graphene nanoribbons under severe twist. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 18406-18413.	2.8	21
132	High hydrogen sensitivity of vertically standing layered MoS <sub>2</sub> /Si heterojunctions. <i>Journal of Alloys and Compounds</i> , 2016, 682, 29-34.	5.5	36
133	Understanding the relationship between ion migration and the anomalous hysteresis in high-efficiency perovskite solar cells: A fresh perspective from halide substitution. <i>Nano Energy</i> , 2016, 26, 620-630.	16.0	167
134	Ultra-high dielectric constant of poly(vinylidene fluoride) composites filled with hydroxyl modified graphite powders. <i>Polymer Composites</i> , 2016, 37, 327-333.	4.6	7
135	Room temperature hydrogen sensor with ultrahigh-responsive characteristics based on Pd/SnO <sub>2</sub> /SiO <sub>2</sub> /Si heterojunctions. <i>Sensors and Actuators B: Chemical</i> , 2016, 227, 438-447.	7.8	39
136	Self-powered broadband, high-detectivity and ultrafast photodetectors based on Pd-MoS <sub>2</sub> /Si heterojunctions. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 1131-1139.	2.8	44
137	Sandwich-like nitrogen-doped porous carbon/graphene nanoflakes with high-rate capacitive performance. <i>Nanoscale</i> , 2016, 8, 7889-7898.	5.6	54
138	How to select an optimal surfactant molecule to speed up the oil-detachment from solid surface: A computational simulation. <i>Chemical Engineering Science</i> , 2016, 147, 47-53.	3.8	42
139	Effect of interfacial layer on water flow in nanochannels: Lattice Boltzmann simulations. <i>Physica B: Condensed Matter</i> , 2016, 487, 18-24.	2.7	11
140	Outstanding capacitive performance of reticular porous carbon/graphene sheets with superhigh surface area. <i>Electrochimica Acta</i> , 2016, 190, 923-931.	5.2	32
141	Helical wrapping of long-chained polyacetylene (PA) on metallic nanowires: MD simulation insights. <i>Computational Materials Science</i> , 2016, 117, 103-109.	3.0	5
142	Ultrafast breathing humidity sensing properties of low-dimensional Fe-doped SnO <sub>2</sub> flower-like spheres. <i>RSC Advances</i> , 2016, 6, 27008-27015.	3.6	30
143	Preparation of spherical and dendritic CdS@TiO <sub>2</sub> hollow double-shelled nanoparticles for photocatalysis. <i>Materials Letters</i> , 2016, 166, 113-115.	2.6	21
144	Enhanced photovoltaic characteristics of MoS <sub>2</sub> /Si hybrid solar cells by metal Pd chemical doping. <i>RSC Advances</i> , 2016, 6, 1346-1350.	3.6	14

#	ARTICLE	IF	CITATIONS
145	Fabrication and characterization of an ultrasensitive humidity sensor based on metal oxide/graphene hybrid nanocomposite. <i>Sensors and Actuators B: Chemical</i> , 2016, 225, 233-240.	7.8	367
146	Extraction of kerogen from oil shale with supercritical carbon dioxide: Molecular dynamics simulations. <i>Journal of Supercritical Fluids</i> , 2016, 107, 499-506.	3.2	58
147	Theoretical Prediction of Hydrogen Separation Performance of Two-Dimensional Carbon Network of Fused Pentagon. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 28502-28507.	8.0	36
148	Superhigh-rate capacitive performance of heteroatoms-doped double shell hollow carbon spheres. <i>Carbon</i> , 2015, 86, 235-244.	10.3	68
149	Electrical characterization and ammonia sensing properties of MoS <sub>2</sub> /Si p-n junction. <i>Journal of Alloys and Compounds</i> , 2015, 631, 105-110.	5.5	46
150	Gigantic enhancement in the dielectric properties of polymer-based composites using core/shell MWCNT/amorphous carbon nanohybrids. <i>Nanoscale</i> , 2015, 7, 3660-3667.	5.6	78
151	Mechanism of oil molecules transportation in nano-sized shale channel: MD simulation. <i>RSC Advances</i> , 2015, 5, 25684-25692.	3.6	28
152	High performance sponge MnO <sub>2</sub> nanotube monoliths. <i>RSC Advances</i> , 2015, 5, 60831-60834.	3.6	4
153	Oil detachment from silica surface modified by carboxy groups in aqueous cetyltriethylammonium bromide solution. <i>Applied Surface Science</i> , 2015, 353, 1103-1111.	6.1	36
154	High-performance n-MoS <sub>2</sub> /i-SiO <sub>2</sub> /p-Si heterojunction solar cells. <i>Nanoscale</i> , 2015, 7, 8304-8308.	5.6	99
155	Electrical and photovoltaic characteristics of MoS <sub>2</sub> /Si p-n junctions. <i>Journal of Applied Physics</i> , 2015, 117, .	2.5	131
156	Growth and humidity-dependent electrical properties of bulk-like MoS <sub>2</sub> thin films on Si. <i>RSC Advances</i> , 2015, 5, 74329-74335.	3.6	27
157	Insight into high areal capacitances of low apparent surface area carbons derived from nitrogen-rich polymers. <i>Carbon</i> , 2015, 94, 560-567.	10.3	56
158	C <sub>2</sub> N: an excellent two-dimensional monolayer membrane for He separation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 21351-21356.	10.3	157
159	Iron-doping-enhanced photoelectrochemical water splitting performance of nanostructured WO <sub>3</sub> : a combined experimental and theoretical study. <i>Nanoscale</i> , 2015, 7, 2933-2940.	5.6	171
160	Carbon nanoscroll from C <sub>4</sub> H/C <sub>4</sub> F-type graphene superlattice: MD and MM simulation insights. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 3441-3450.	2.8	12
161	Photoelectrochemical Properties of Alkali Metal Doped TiO <sub>2</sub> Nano-Honeycomb Film. <i>Energy and Environment Focus</i> , 2015, 4, 191-195.	0.3	2
162	Electric Field Manipulated CO <sub>2</sub> Capture and Sequestration of Calcium-Graphene. <i>Science of Advanced Materials</i> , 2015, 7, 239-248.	0.7	8

#	ARTICLE	IF	CITATIONS
163	Excellent dielectric properties of Polyvinylidene fluoride composites based on sandwich structured MnO <sub>2</sub> /graphene nanosheets/MnO <sub>2</sub> . Composites Part A: Applied Science and Manufacturing, 2014, 67, 252-258.	7.6	47
164	Humidity sensitive properties of amorphous (K,Na)NbO <sub>3</sub> lead free thin films. Ceramics International, 2014, 40, 10263-10267.	4.8	25
165	Superior capacitive performance of active carbons derived from Enteromorpha prolifera. Electrochimica Acta, 2014, 133, 459-466.	5.2	162
166	Preparation of large diameter and low density ZnS microtube arrays via a sacrificial template method. Materials Letters, 2014, 115, 140-143.	2.6	6
167	Studies in the capacitance properties of diaminoalkane-intercalated graphene. Electrochimica Acta, 2014, 148, 220-227.	5.2	6
168	Highly enhanced sensitivity of hydrogen sensors using novel palladium-decorated graphene nanoribbon film/SiO <sub>2</sub> /Si structures. Journal of Materials Chemistry A, 2014, 2, 15931-15937.	10.3	31
169	Mechanical Properties of Hydrogenated Carbon Nanotubes (C <sub>4</sub> HNTs): A Theoretical Study. Journal of Physical Chemistry C, 2014, 118, 16087-16094.	3.1	7
170	High hydrogen response of Pd/TiO <sub>2</sub> /SiO <sub>2</sub> /Si multilayers at room temperature. Sensors and Actuators B: Chemical, 2014, 205, 255-260.	7.8	25
171	Ultrahigh performance humidity sensor based on layer-by-layer self-assembly of graphene oxide/polyelectrolyte nanocomposite film. Sensors and Actuators B: Chemical, 2014, 203, 263-270.	7.8	242
172	Great enhancement in H <sub>2</sub> response using graphene-based Schottky junction. Materials Letters, 2014, 135, 151-153.	2.6	15
173	On the origin of the high capacitance of carbon derived from seaweed with an apparently low surface area. Journal of Materials Chemistry A, 2014, 2, 18998-19004.	10.3	65
174	Fluorine-Modified Porous Graphene as Membrane for CO <sub>2</sub> /N <sub>2</sub> Separation: Molecular Dynamic and First-Principles Simulations. Journal of Physical Chemistry C, 2014, 118, 7369-7376.	3.1	114
175	The effect of oxygen molecule on the hydrogen storage process of Li-doped graphene. Chemical Physics Letters, 2014, 599, 100-103.	2.6	11
176	Tunable Hydrogen Separation in Porous Graphene Membrane: First-Principle and Molecular Dynamic Simulation. ACS Applied Materials & Interfaces, 2014, 6, 8048-8058.	8.0	159
177	Self-Assembly of Helical Polyacetylene Nanostructures on Carbon Nanotubes. Journal of Physical Chemistry C, 2013, 117, 16248-16255.	3.1	20
178	Structure control of ultra-large graphene oxide sheets by the Langmuir-Blodgett method. RSC Advances, 2013, 3, 4680.	3.6	36
179	Porous graphene sandwich/poly(vinylidene fluoride) composites with high dielectric properties. Composites Science and Technology, 2013, 86, 70-75.	7.8	79
180	Self-assembly of C <sub>4</sub> H-type hydrogenated graphene. Nanoscale, 2013, 5, 11132.	5.6	27

#	ARTICLE	IF	CITATIONS
181	Self-assembly of double helical nanostructures inside carbon nanotubes. <i>Nanoscale</i> , 2013, 5, 4191.	5.6	40
182	Hydrogen storage and release by bending carbon nanotubes. <i>Computational Materials Science</i> , 2013, 68, 121-126.	3.0	33
183	Hydrogen gas sensing properties of Pd/a-C:Pd/SiO <sub>2</sub> /Si structure at room temperature. <i>Sensors and Actuators B: Chemical</i> , 2013, 186, 796-801.	7.8	27
184	Critical role of small micropores in high CO <sub>2</sub> uptake. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 2523.	2.8	228
185	Glass transition temperature of functionalized graphene-polymer composites. <i>Computational Materials Science</i> , 2013, 71, 66-71.	3.0	58
186	Carbon Doping of Hexagonal Boron Nitride by Using CO Molecules. <i>Journal of Physical Chemistry C</i> , 2013, 117, 9332-9339.	3.1	42
187	The preparation, load and photocatalytic performance of N-doped and CdS-coupled TiO <sub>2</sub> . <i>RSC Advances</i> , 2013, 3, 9483.	3.6	20
188	Effect of functional groups on the radial collapse and elasticity of carbon nanotubes under hydrostatic pressure. <i>Nanoscale</i> , 2012, 4, 3894.	5.6	14
189	Carbon/Silicon Heterojunction Formed by Inserting Carbon Nanotubes into Silicon Nanotubes: Molecular Dynamics Simulations. <i>Journal of Physical Chemistry C</i> , 2012, 116, 23181-23187.	3.1	4
190	High-rate capacitive performance of graphene aerogel with a superhigh C/O molar ratio. <i>Journal of Materials Chemistry</i> , 2012, 22, 23186.	6.7	145
191	Large photoconductivity of Pd doped amorphous carbon film/SiO <sub>2</sub> /Si. <i>Diamond and Related Materials</i> , 2012, 21, 24-27.	3.9	10
192	Influence of chemical functionalization on the CO <sub>2</sub> /N <sub>2</sub> separation performance of porous graphene membranes. <i>Nanoscale</i> , 2012, 4, 5477.	5.6	193
193	Effect of chemisorption structure on the interfacial bonding characteristics of graphene-polymer composites. <i>Applied Surface Science</i> , 2012, 258, 2077-2082.	6.1	46
194	Diverse nanowires activated self-scrolling of graphene nanoribbons. <i>Applied Surface Science</i> , 2012, 258, 1964-1970.	6.1	20
195	Theoretical approaches to graphene and graphene-based materials. <i>Nano Today</i> , 2012, 7, 180-200.	11.9	122
196	Adsorption and Catalytic Activation of O <sub>2</sub> Molecule on the Surface of Au-Doped Graphene under an External Electric Field. <i>Journal of Physical Chemistry C</i> , 2012, 116, 19918-19924.	3.1	99
197	Release of encapsulated molecules from carbon nanotubes using a displacing method: a MD simulation study. <i>RSC Advances</i> , 2012, 2, 6913.	3.6	20
198	Fabrication of carbon nanotube/graphene core/shell nanostructures on SiO <sub>2</sub> substrates using organic solvents: A molecular dynamics study. <i>Science Bulletin</i> , 2012, 57, 3030-3035.	1.7	2

#	ARTICLE	IF	CITATIONS
199	Effect of defects on Young's modulus of graphene sheets: a molecular dynamics simulation. RSC Advances, 2012, 2, 9124.	3.6	142
200	Influence of substrate resistivity on photovoltaic characteristics of Pd-doped amorphous carbon film/SiO <sub>2</sub> /Si heterojunction. Physica Status Solidi (A) Applications and Materials Science, 2012, 209, 1359-1362.	1.8	4
201	Fabrication of Carbon Nanoscrolls from Monolayer Graphene Controlled by P-Doped Silicon Nanowires: A MD Simulation Study. Journal of Physical Chemistry C, 2011, 115, 15217-15224.	3.1	37
202	Molecule Delivery by the Domino Effect of Carbon Nanotubes. Journal of Physical Chemistry C, 2011, 115, 20471-20480.	3.1	13
203	Influence of polarity on filling polymer molecules into carbon nanotubes. Computational Materials Science, 2011, 50, 2909-2917.	3.0	4
204	Effect of ethanol gas on the electrical properties of ZnO nanorods. Physica E: Low-Dimensional Systems and Nanostructures, 2011, 43, 1056-1060.	2.7	28
205	Influence of interfaces on impedance response and breakdown of oxide-metal multilayer structures. Thin Solid Films, 2011, 519, 3196-3202.	1.8	4
206	Effect of Si substrate on ethanol gas sensing properties of ZnO films. Thin Solid Films, 2011, 519, 6151-6154.	1.8	9
207	Current-voltage characteristics and ethanol gas sensing properties of ZnO thin film/Si heterojunction at room temperature. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 2021-2025.	2.7	32
208	Fabrication of Carbon Nanoscrolls from Monolayer Graphene. Small, 2010, 6, 2010-2019.	10.0	127
209	Effect of Chemisorption on the Interfacial Bonding Characteristics of Graphene-Polymer Composites. Journal of Physical Chemistry C, 2010, 114, 6588-6594.	3.1	150
210	Influence of Solid Surface and Functional Group on the Collapse of Carbon Nanotubes. Journal of Physical Chemistry C, 2010, 114, 2100-2107.	3.1	28
211	Different factors' effect on the SWNT-fluorocarbon resin interaction: A MD simulation study. Computational Materials Science, 2010, 49, 148-157.	3.0	22
212	Silicon/graphene core/shell nanowires produced by self-scrolling. Computational Materials Science, 2010, 49, 588-592.	3.0	22
213	Room-temperature high-sensitivity detection of ammonia gas using the capacitance of carbon/silicon heterojunctions. Energy and Environmental Science, 2010, 3, 288.	30.8	60
214	Investigation of the interactions between molecules of $\beta$ -Carotene, Vitamin A and CNTs by MD simulations. Materials Letters, 2009, 63, 319-321.	2.6	12
215	Computational analysis of effect of modification on the interfacial characteristics of a carbon nanotube-polyethylene composite system. Applied Surface Science, 2009, 255, 3534-3543.	6.1	127
216	Radial Collapse of Single-Walled Carbon Nanotubes Induced by the Cu <sub>2</sub> O Surface. Journal of Physical Chemistry C, 2009, 113, 3120-3126.	3.1	30

#	ARTICLE	IF	CITATIONS
217	Chemical Modification: an Effective Way of Avoiding the Collapse of SWNTs on Al Surface Revealed by Molecular Dynamics Simulations. <i>Journal of Physical Chemistry C</i> , 2009, 113, 14747-14752.	3.1	20
218	The Core/Shell Composite Nanowires Produced by Self-Scrolling Carbon Nanotubes onto Copper Nanowires. <i>ACS Nano</i> , 2009, 3, 2235-2240.	14.6	78
219	Temperature dependence of the electrical properties of the carbon nanotube/polymer composites. <i>EXPRESS Polymer Letters</i> , 2009, 3, 769-777.	2.1	85
220	Effect of chemisorption on the interfacial bonding characteristics of carbon nanotube/polymer composites. <i>Polymer</i> , 2008, 49, 800-808.	3.8	96
221	Abnormal current-voltage characteristics and metal-insulator transition of amorphous Fe-doped carbon films on Si substrates. <i>Physica B: Condensed Matter</i> , 2008, 403, 3434-3438.	2.7	0
222	Large dielectric constant of the chemically purified carbon nanotube/polymer composites. <i>Materials Letters</i> , 2008, 62, 4229-4231.	2.6	82
223	Influence of Nanotube Chirality, Temperature, and Chemical Modification on the Interfacial Bonding between Carbon Nanotubes and Polyphenylacetylene. <i>Journal of Physical Chemistry C</i> , 2008, 112, 16514-16520.	3.1	45
224	Controlled growth of hierarchical ZnO nanorods with periodical structure under negative feedback mechanism. <i>Journal Physics D: Applied Physics</i> , 2008, 41, 195402.	2.8	4
225	Forward tunneling effect and metal-insulator transition in the BaTiO <sub>3</sub> film/Si n-n heterojunction. <i>Applied Physics Letters</i> , 2007, 91, 212105.	3.3	13
226	Ammonia sensitivity of amorphous carbon film/silicon heterojunctions. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	35
227	The interface effect of the effective electrical conductivity of carbon nanotube composites. <i>Nanotechnology</i> , 2007, 18, 255705.	2.6	89
228	Abnormal current-voltage characteristics and metal-insulator transition of amorphous carbon film/silicon heterojunction. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007, 371, 318-321.	2.1	7
229	Investigation of Molecular Interactions between SWNT and Polyethylene/Polypropylene/Polystyrene/Polyaniline Molecules. <i>Journal of Physical Chemistry C</i> , 2007, 111, 4628-4635.	3.1	176
230	Model for the effective thermal conductivity of carbon nanotube composites. <i>Nanotechnology</i> , 2006, 17, 1655-1660.	2.6	155
231	Study of giant magnetoresistance and giant electroresistance of carbon based thin film. <i>Rare Metals</i> , 2006, 25, 617-620.	7.1	4
232	Anomalous current-voltage characteristics and colossal electroresistance of amorphous carbon film on Si substrate. <i>Applied Physics Letters</i> , 2004, 85, 4397.	3.3	16
233	Effective dielectric constant of composite with interfacial shells. <i>Physica B: Condensed Matter</i> , 2004, 344, 129-132.	2.7	19
234	The influence of particle shape and size on electric conductivity of metal-polymer composites. <i>European Polymer Journal</i> , 2004, 40, 323-327.	5.4	129

#	ARTICLE	IF	CITATIONS
235	Anomalous positive magnetoresistance in Co <sub>1-x</sub> granular films on Si substrates. Journal of Applied Physics, 2004, 95, 1906-1910.	2.5	24
236	A percolation model of metal-insulator composites. Physica B: Condensed Matter, 2003, 325, 195-198.	2.7	20
237	A NOVEL MODEL OF DIELECTRIC CONSTANT OF TWO-PHASE COMPOSITES WITH INTERFACIAL SHELLS. International Journal of Modern Physics B, 2002, 16, 3855-3863.	2.0	7
238	Giant magnetoresistance effect in Co/C bulk composites. Journal of Magnetism and Magnetic Materials, 2002, 246, 379-381.	2.3	7
239	Study on dielectric properties of oil/water random composites. Journal of Electrostatics, 2001, 50, 169-175.	1.9	8