Peng Chen

List of Publications by Year
in descending order

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255 papers	35,345 citations	2975 93 h-index	3487 182 g-index
261 all docs	261 docs citations	261 times ranked	40375 citing authors

#	Article	IF	Citations
1	Tumor microenvironment-activated theranostic nanoreactor for NIR-II Photoacoustic imaging-guided tumor-specific photothermal therapy. Fundamental Research, 2024, 4, 178-187.	3.3	5
2	Promoted intramolecular photoinduced-electron transfer for multi-mode imaging-guided cancer photothermal therapy. Rare Metals, 2022, 41, 56-66.	7.1	29
3	Transdermal Photothermal-Pharmacotherapy to Remodel Adipose Tissue for Obesity and Metabolic Disorders. ACS Nano, 2022, 16, 1813-1825.	14.6	32
4	Synergistically Boosting Sodium-Storage Performance of Na₃V₂(PO₄)₃ by Regulating Na Sites and Constructing 3D Interconnected Carbon Nanosheet Frameworks. ACS Applied Energy Materials, 2022, 5, 2542-2552.	5.1	10
5	Template-Sacrificing Synthesis of Well-Defined Asymmetrically Coordinated Single-Atom Catalysts for Highly Efficient CO₂ Electrocatalytic Reduction. ACS Nano, 2022, 16, 2110-2119.	14.6	82
6	Schiff base tetranuclear Zn₂Ln₂ single-molecule magnets bridged by hydroxamic acid in association with near-infrared luminescence. Dalton Transactions, 2022, 51, 6918-6926.	3.3	8
7	One Stone for Multiple Birds: A Versatile Cross-Linked Poly(dimethyl siloxane) Binder Boosts Cycling Life and Rate Capability of an NCM 523 Cathode at 4.6 V. ACS Applied Materials & Interfaces, 2022, 14, 16245-16257.	8.0	10
8	POD Nanozyme optimized by charge separation engineering for light/pH activated bacteria catalytic/photodynamic therapy. Signal Transduction and Targeted Therapy, 2022, 7, 86.	17.1	59
9	Colorimetric microneedle patches for multiplexed transdermal detection of metabolites. Biosensors and Bioelectronics, 2022, 212, 114412.	10.1	38
10	Bipolar silica nanochannel array for dual-mode electrochemiluminescence and electrochemical immunosensing platform. Sensors and Actuators B: Chemical, 2022, 368, 132086.	7.8	47
11	Distinctive Formation of Bifunctional ZnCoS-rGO 3D Hollow Microsphere Flowers with Excellent Energy Storage Performances. Chemistry of Materials, 2022, 34, 5896-5911.	6.7	15
12	Cryomicroneedles for transdermal cell delivery. Nature Biomedical Engineering, 2021, 5, 1008-1018.	22.5	97
13	Orbital coupling of hetero-diatomic nickel-iron site for bifunctional electrocatalysis of CO2 reduction and oxygen evolution. Nature Communications, 2021, 12, 4088.	12.8	259
14	Rational Design of Coplanar Polypyrroleâ€Based Graphene Hydrogels with Excellent Energyâ€Storage Performance. Small Structures, 2021, 2, 2100073.	12.0	12
15	Graphene quantum dots assisted exfoliation of atomically-thin 2D materials and as-formed 0D/2D van der Waals heterojunction for HER. Carbon, 2021, 184, 554-561.	10.3	43
16	Fe₃O₄/Ag/Bi₂MoO₆ Photoactivatable Nanozyme for Selfâ€Replenishing and Sustainable Cascaded Nanocatalytic Cancer Therapy. Advanced Materials, 2021, 33, e2106996.	21.0	134
17	Thorn-like nanostructured NiCo2S4 arrays anchoring graphite paper as self-supported electrodes for ultrahigh rate flexible supercapacitors. Electrochimica Acta, 2021, 399, 139420.	5.2	12
18	Highly biocompatible graphene quantum dots: green synthesis, toxicity comparison and fluorescence imaging. Journal of Materials Science, 2020, 55, 1198-1215.	3.7	50

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19	Diketopyrrolopyrrole-Au(I) as singlet oxygen generator for enhanced tumor photodynamic and photothermal therapy. Science China Chemistry, 2020, 63, 55-64.	8.2	26
20	Comparative Cytological and Gene Expression Analysis Reveals Potential Metabolic Pathways and Target Genes Responsive to Salt Stress in Kenaf (Hibiscus cannabinus L.). Journal of Plant Growth Regulation, 2020, 39, 1245-1260.	5.1	20
21	Ion-exchange controlled surface engineering of cobalt phosphide nanowires for enhanced hydrogen evolution. Nano Energy, 2020, 78, 105347.	16.0	38
22	Enhancing electrochemical nitrogen reduction with Ru nanowires via the atomic decoration of Pt. Journal of Materials Chemistry A, 2020, 8, 25142-25147.	10.3	22
23	Reduced graphene oxide foam templated by nickel foam for organ-on-a-chip engineering of cardiac constructs. Materials Science and Engineering C, 2020, 117, 111344.	7.3	14
24	Facet-Dependent Catalytic Performance of Au Nanocrystals for Electrochemical Nitrogen Reduction. ACS Applied Materials & Interfaces, 2020, 12, 41613-41619.	8.0	42
25	Remodeling Tumor Microenvironment by Multifunctional Nanoassemblies for Enhanced Photodynamic Cancer Therapy. , 2020, 2, 1268-1286.		40
26	Atomically Dispersed Cobalt Trifunctional Electrocatalysts with Tailored Coordination Environment for Flexible Rechargeable Znâ€“Air Battery and Selfâ€Driven Water Splitting. Advanced Energy Materials, 2020, 10, 2002896.	19.5	210
27	Engineering edge-exposed MoS2 nanoflakes anchored on the 3D cross-linked carbon frameworks for enhanced lithium storage. Functional Materials Letters, 2020, 13, 2051050.	1.2	1
28	Rare-Earth Single-Atom Laâ€“N Charge-Transfer Bridge on Carbon Nitride for Highly Efficient and Selective Photocatalytic CO₂ Reduction. ACS Nano, 2020, 14, 15841-15852.	14.6	283
29	A Highlyâ€Efficient Type I Photosensitizer with Robust Vascularâ€Disruption Activity for Hypoxicâ€andâ€Metastatic Tumor Specific Photodynamic Therapy. Small, 2020, 16, e2001059.	10.0	116
30	Metal nanodots anchored on carbon nanotubes prepared by a facile solid-state redox strategy for superior lithium storage. Functional Materials Letters, 2020, 13, 2051039.	1.2	3
31	Graphene quantum dots as full-color and stimulus responsive fluorescence ink for information encryption. Journal of Colloid and Interface Science, 2020, 579, 307-314.	9.4	63
32	Transdermal theranostics. View, 2020, 1, e21.	5.3	17
33	Transition metal dichalcogenide/multi-walled carbon nanotube-based fibers as flexible electrodes for electrocatalytic hydrogen evolution. Chemical Communications, 2020, 56, 5131-5134.	4.1	28
34	Lancing Drug Reservoirs into Subcutaneous Fat to Combat Obesity and Associated Metabolic Diseases. Small, 2020, 16, 2002872.	10.0	8
35	van der Waals Heterojunction between a Bottom-Up Grown Doped Graphene Quantum Dot and Graphene for Photoelectrochemical Water Splitting. ACS Nano, 2020, 14, 1185-1195.	14.6	100
36	iTRAQ-based comparative proteomic response analysis reveals regulatory pathways and divergent protein targets associated with salt-stress tolerance in kenaf (Hibiscus cannabinus L.). Industrial Crops and Products, 2020, 153, 112566.	5.2	11

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37	Antimicrobial Microneedle Patch for Treating Deep Cutaneous Fungal Infection. Advanced Therapeutics, 2019, 2, 1900064.	3.2	28
38	Amphiphilic graphene quantum dots as a new class of surfactants. Carbon, 2019, 153, 127-135.	10.3	55
39	Mo₂Câ€Derived Polyoxometalate for NIRâ€Ⅱ Photoacoustic Imagingâ€Guided Chemodynamic/Photothermal Synergistic Therapy. Angewandte Chemie - International Edition, 2019, 58, 18641-18646.	13.8	281
40	Mo 2 Câ€Derived Polyoxometalate for NIRâ€Ⅱ Photoacoustic Imagingâ€Guided Chemodynamic/Photothermal Synergistic Therapy. Angewandte Chemie, 2019, 131, 18814-18819.	2.0	20
41	Photothermal-pH-hypoxia responsive multifunctional nanoplatform for cancer photo-chemo therapy with negligible skin phototoxicity. Biomaterials, 2019, 221, 119422.	11.4	101
42	Bifunctional N-CoSe₂/3D-MXene as Highly Efficient and Durable Cathode for Rechargeable Znâ€“Air Battery. , 2019, 1, 432-439.		90
43	Spatially Controlled Reduction and Growth of Silver in Hollow Gold Nanoshell Particles. Journal of Physical Chemistry C, 2019, 123, 10614-10621.	3.1	9
44	Recent Advances on Graphene Quantum Dots: From Chemistry and Physics to Applications. Advanced Materials, 2019, 31, e1808283.	21.0	603
45	Improved adhesion and performance of vertically-aligned mesoporous silica-nanochannel film on reduced graphene oxide for direct electrochemical analysis of human serum. Sensors and Actuators B: Chemical, 2019, 288, 133-140.	7.8	38
46	Doubleâ€Shelled Nanostructure of SnO 2 @C Tubeâ€in‐â€SnO 2 @C Tube Boosts Lithiumâ€Ion Storage. Energy Technology, 2019, 7, 1801048.	3.8	6
47	Directional preparation of superhydrophobic magnetic CNF/PVA/MWCNT carbon aerogel. IET Nanobiotechnology, 2019, 13, 565-570.	3.8	16
48	Enzymatic Degradation of Graphene Quantum Dots by Human Peroxidases. Small, 2019, 15, e1905405.	10.0	46
49	Targeting graphene quantum dots to epidermal growth factor receptor for delivery of cisplatin and cellular imaging. Materials Science and Engineering C, 2019, 94, 247-257.	7.3	58
50	Mesoporous silica nanoparticles capped with graphene quantum dots as multifunctional drug carriers for photo-thermal and redox-responsive release. Microporous and Mesoporous Materials, 2019, 278, 130-137.	4.4	42
51	Boosting the Photocatalytic Ability of Cu₂O Nanowires for CO₂ Conversion by MXene Quantum Dots. Advanced Functional Materials, 2019, 29, 1806500.	14.9	354
52	One-pot facile route to fabricate the precursor of sulfonated graphene/N-doped mesoporous carbons composites for supercapacitors. Journal of Materials Science, 2019, 54, 4180-4191.	3.7	13
53	Organic Nanotheranostics for Photoacoustic Imaging-Guided Phototherapy. Current Medicinal Chemistry, 2019, 26, 1389-1405.	2.4	24
54	Holey nickel hydroxide nanosheets for wearable solid-state fiber-supercapacitors. Nanoscale, 2018, 10, 5442-5448.	5.6	50

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55	Organic Dye Based Nanoparticles for Cancer Phototheranostics. Small, 2018, 14, e1704247.	10.0	226
56	Recent progress in the development of near-infrared organic photothermal and photodynamic nanotherapeutics. Biomaterials Science, 2018, 6, 746-765.	5.4	250
57	Simultaneous label-free and pretreatment-free detection of heavy metal ions in complex samples using electrodes decorated with vertically ordered silica nanochannels. Sensors and Actuators B: Chemical, 2018, 259, 364-371.	7.8	86
58	Analysis of chloroplast differences in leaves of rice isonuclear alloplasmic lines. Protoplasma, 2018, 255, 863-871.	2.1	15
59	Biodegradable PLA Nonwoven Fabric with Controllable Wettability for Efficient Water Purification and Photocatalysis Degradation. ACS Sustainable Chemistry and Engineering, 2018, 6, 2445-2452.	6.7	87
60	Quasi-homogeneous carbocatalysis for one-pot selective conversion of carbohydrates to 5-hydroxymethylfurfural using sulfonated graphene quantum dots. Carbon, 2018, 136, 224-233.	10.3	60
61	Nanoplasmonic Sensing from the Human Vision Perspective. Analytical Chemistry, 2018, 90, 4916-4924.	6.5	43
62	Graphene quantum dot engineered nickel-cobalt phosphide as highly efficient bifunctional catalyst for overall water splitting. Nano Energy, 2018, 48, 284-291.	16.0	143
63	Systematic Bandgap Engineering of Graphene Quantum Dots and Applications for Photocatalytic Water Splitting and CO₂ Reduction. ACS Nano, 2018, 12, 3523-3532.	14.6	341
64	Graphene quantum dots based fluorescence turn-on nanoprobe for highly sensitive and selective imaging of hydrogen sulfide in living cells. Biomaterials Science, 2018, 6, 779-784.	5.4	42
65	Tunable excitonic emission of monolayer WS2 for the optical detection of DNA nucleobases. Nano Research, 2018, 11, 1744-1754.	10.4	20
66	Oxygenic Hybrid Semiconducting Nanoparticles for Enhanced Photodynamic Therapy. Nano Letters, 2018, 18, 586-594.	9.1	294
67	â€œWaxâ€Sealedâ€•Theranostic Nanoplatform for Enhanced Afterglow Imagingâ€“Guided Photothermally Triggered Photodynamic Therapy. Advanced Functional Materials, 2018, 28, 1804317.	14.9	97
68	Self-implantable double-layered micro-drug-reservoirs for efficient and controlled ocular drug delivery. Nature Communications, 2018, 9, 4433.	12.8	209
69	Nanochannel-Confined Graphene Quantum Dots for Ultrasensitive Electrochemical Analysis of Complex Samples. ACS Nano, 2018, 12, 12673-12681.	14.6	129
70	Solution-processable 2D semiconductors for high-performance large-area electronics. Nature, 2018, 562, 254-258.	27.8	644
71	Insight into the charge transport correlation in Au_x clusters and graphene quantum dots deposited on TiO₂ nanotubes for photoelectrochemical oxygen evolution. Journal of Materials Chemistry A, 2018, 6, 11154-11162.	10.3	89
72	Ordered Mesoporous Carbons Loading on Graphene after Different Molten Salt Activations for Supercapacitor Applications. Energy Technology, 2018, 6, 2273-2281.	3.8	13

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73	An aza-BODIPY photosensitizer for photoacoustic and photothermal imaging guided dual modal cancer phototherapy. Journal of Materials Chemistry B, 2017, 5, 1566-1573.	5.8	96
74	Functionalization of Biodegradable PLA Nonwoven Fabric as Superoleophilic and Superhydrophobic Material for Efficient Oil Absorption and Oil/Water Separation. ACS Applied Materials & Interfaces, 2017, 9, 5968-5973.	8.0	241
75	Inflection Point of the Localized Surface Plasmon Resonance Peak: A General Method to Improve the Sensitivity. ACS Sensors, 2017, 2, 235-242.	7.8	52
76	Ternary Chalcogenide Nanosheets with Ultrahigh Photothermal Conversion Efficiency for Photoacoustic Theranostics. Small, 2017, 13, 1604139.	10.0	83
77	Organic Nanoprobe Cocktails for Multilocal and Multicolor Fluorescence Imaging of Reactive Oxygen Species. Advanced Functional Materials, 2017, 27, 1700493.	14.9	82
78	An elaborate strategy for fabricating one-dimensional quasi-hollow nanostructure of tin dioxide@carbon composite with improved lithium storage performance. Carbon, 2017, 118, 634-641.	10.3	22
79	Facile and scalable preparation of highly luminescent N,S co-doped graphene quantum dots and their application for parallel detection of multiple metal ions. Journal of Materials Chemistry B, 2017, 5, 6593-6600.	5.8	106
80	Cobalt Phosphide Double-Shelled Nanocages: Broadband Light-Harvesting Nanostructures for Efficient Photothermal Therapy and Self-Powered Photoelectrochemical Biosensing. Small, 2017, 13, 1700798.	10.0	60
81	Activatable Photoacoustic Nanoprobes for In Vivo Ratiometric Imaging of Peroxynitrite. Advanced Materials, 2017, 29, 1604764.	21.0	220
82	Sonochemical fabrication of folic acid functionalized multistimuli-responsive magnetic graphene oxide-based nanocapsules for targeted drug delivery. Chemical Engineering Journal, 2017, 326, 839-848.	12.7	40
83	A Graphene Quantum Dotsâ€“Hypochlorite Hybrid System for the Quantitative Fluorescent Determination of Total Antioxidant Capacity. Small, 2017, 13, 1700709.	10.0	21
84	Spectral and spatial characterization of upconversion luminescent nanocrystals as nanowaveguides. Nanoscale, 2017, 9, 9238-9245.	5.6	13
85	pH-Triggered and Enhanced Simultaneous Photodynamic and Photothermal Therapy Guided by Photoacoustic and Photothermal Imaging. Chemistry of Materials, 2017, 29, 5216-5224.	6.7	170
86	Achievement of significantly improved lithium storage for novel clew-like Li 4 Ti 5 O 12 anode assembled by ultrafine nanowires. Journal of Power Sources, 2017, 350, 49-55.	7.8	24
87	Small-molecule diketopyrrolopyrrole-based therapeutic nanoparticles for photoacoustic imaging-guided photothermal therapy. Nano Research, 2017, 10, 794-801.	10.4	50
88	Molecularâ€Level Design of Hierarchically Porous Carbons Codoped with Nitrogen and Phosphorus Capable of In Situ Selfâ€Activation for Sustainable Energy Systems. Small, 2017, 13, 1602010.	10.0	47
89	Transdermal Delivery of Antiâ€Obesity Compounds to Subcutaneous Adipose Tissue with Polymeric Microneedle Patches. Small Methods, 2017, 1, 1700269.	8.6	88
90	Diketopyrrolopyrrole-Based Photosensitizers Conjugated with Chemotherapeutic Agents for Multimodal Tumor Therapy. ACS Applied Materials & Interfaces, 2017, 9, 30398-30405.	8.0	39

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91	Regulating Near-Infrared Photodynamic Properties of Semiconducting Polymer Nanotheranostics for Optimized Cancer Therapy. ACS Nano, 2017, 11, 8998-9009.	14.6	239
92	Angiotensin type 2 receptor activation promotes browning of white adipose tissue and brown adipogenesis. Signal Transduction and Targeted Therapy, 2017, 2, 17022.	17.1	47
93	A Swellable Microneedle Patch to Rapidly Extract Skin Interstitial Fluid for Timely Metabolic Analysis. Advanced Materials, 2017, 29, 1702243.	21.0	303
94	The synergistic effect supported Li 4 Ti 5 O 12 anode with advanced lithium storage performance. Materials Chemistry and Physics, 2017, 201, 362-371.	4.0	2
95	Sweet graphene quantum dots for imaging carbohydrate receptors in live cells. FlatChem, 2017, 5, 25-32.	5.6	46
96	Integrative analyses of translatome and transcriptome reveal important translational controls in brown and white adipose regulated by microRNAs. Scientific Reports, 2017, 7, 5681.	3.3	10
97	Surface Modified Ti₃C₂ MXene Nanosheets for Tumor Targeting Photothermal/Photodynamic/Chemo Synergistic Therapy. ACS Applied Materials & Interfaces, 2017, 9, 40077-40086.	8.0	491
98	Ultralong Phosphorescence of Waterâ€Soluble Organic Nanoparticles for In Vivo Afterglow Imaging. Advanced Materials, 2017, 29, 1606665.	21.0	419
99	Thiophene-derived polymer dots for imaging endocytic compartments in live cells and broad-spectrum bacterial killing. Materials Chemistry Frontiers, 2017, 1, 152-157.	5.9	11
100	Dynamic transcriptome changes during adipose tissue energy expenditure reveal critical roles for long noncoding RNA regulators. PLoS Biology, 2017, 15, e2002176.	5.6	81
101	Weavable, Highâ€Performance, Solidâ€State Supercapacitors Based on Hybrid Fibers Made of Sandwiched Structure of MWCNT/rGO/MWCNT. Advanced Electronic Materials, 2016, 2, 1600102.	5.1	47
102	Controlling armchair and zigzag edges in oxidative cutting of graphene. Journal of Materials Chemistry C, 2016, 4, 6539-6545.	5.5	8
103	Monitoring Dynamic Cellular Redox Homeostasis Using Fluorescence-Switchable Graphene Quantum Dots. ACS Nano, 2016, 10, 11475-11482.	14.6	71
104	Macromol. Rapid Commun. 23/2016. Macromolecular Rapid Communications, 2016, 37, 1980-1980.	3.9	0
105	Nanowires assembled from MnCo2O4@C nanoparticles for water splitting and all-solid-state supercapacitor. Nano Research, 2016, 9, 1300-1309.	10.4	87
106	Multilayered semiconducting polymer nanoparticles with enhanced NIR fluorescence for molecular imaging in cells, zebrafish and mice. Chemical Science, 2016, 7, 5118-5125.	7.4	113
107	Smartphone spectrometer for colorimetric biosensing. Analyst, The, 2016, 141, 3233-3238.	3.5	125
108	Metalâ€“organic framework derived CoSe2 nanoparticles anchored on carbon fibers as bifunctional electrocatalysts for efficient overall water splitting. Nano Research, 2016, 9, 2234-2243.	10.4	215

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109	Peptide Functionalized Gold Nanoparticles with Optimized Particle Size and Concentration for Colorimetric Assay Development: Detection of Cardiac Troponin I. ACS Sensors, 2016, 1, 1416-1422.	7.8	79
110	Highly Swellable, Dualâ€Responsive Hydrogels Based on PNIPAM and Redox Active Poly(ferrocenylsilane) Poly(ionic liquid)s: Synthesis, Structure, and Properties. Macromolecular Rapid Communications, 2016, 37, 1939-1944.	3.9	43
111	Achieving stable and efficient water oxidation by incorporating NiFe layered double hydroxide nanoparticles into aligned carbon nanotubes. Nanoscale Horizons, 2016, 1, 156-160.	8.0	99
112	Ultrasensitive Profiling of Metabolites Using Tyramine-Functionalized Graphene Quantum Dots. ACS Nano, 2016, 10, 3622-3629.	14.6	145
113	Detection of Matrilysin Activity Using Polypeptide Functionalized Reduced Graphene Oxide Field-Effect Transistor Sensor. Analytical Chemistry, 2016, 88, 2994-2998.	6.5	45
114	Quantum dots derived from two-dimensional materials and their applications for catalysis and energy. Chemical Society Reviews, 2016, 45, 2239-2262.	38.1	391
115	Regulatory networks of non-coding RNAs in brown/beige adipogenesis. Bioscience Reports, 2015, 35, .	2.4	28
116	A Novel Electroactive Polymer for pHâ€independent Oxygen Sensing. Electroanalysis, 2015, 27, 2745-2752.	2.9	3
117	Reporter-encapsulated liposomes on graphene field effect transistors for signal enhanced detection of physiological enzymes. Physical Chemistry Chemical Physics, 2015, 17, 3451-3456.	2.8	8
118	Graphene quantum dots functionalized gold nanoparticles for sensitive electrochemical detection of heavy metal ions. Electrochimica Acta, 2015, 172, 7-11.	5.2	200
119	Microfiber devices based on carbon materials. Materials Today, 2015, 18, 215-226.	14.2	57
120	Hybrid Fibers Made of Molybdenum Disulfide, Reduced Graphene Oxide, and Multiâ€Walled Carbon Nanotubes for Solidâ€State, Flexible, Asymmetric Supercapacitors. Angewandte Chemie - International Edition, 2015, 54, 4651-4656.	13.8	334
121	MOF-directed templating synthesis of a porous multicomponent dodecahedron with hollow interiors for enhanced lithium-ion battery anodes. Journal of Materials Chemistry A, 2015, 3, 8483-8488.	10.3	178
122	De Novo Reconstruction of Adipose Tissue Transcriptomes Reveals Long Non-coding RNA Regulators of Brown Adipocyte Development. Cell Metabolism, 2015, 21, 764-776.	16.2	201
123	Nitrogen and phosphorus co-doped graphene quantum dots: synthesis from adenosine triphosphate, optical properties, and cellular imaging. Nanoscale, 2015, 7, 8159-8165.	5.6	174
124	Apelin Enhances Brown Adipogenesis and Browning of White Adipocytes. Journal of Biological Chemistry, 2015, 290, 14679-14691.	3.4	87
125	Grapheneâ€“bacteria composite for oxygen reduction and lithium ion batteries. Journal of Materials Chemistry A, 2015, 3, 12873-12879.	10.3	30
126	Strategies for enhancing the sensitivity of plasmonic nanosensors. Nano Today, 2015, 10, 213-239.	11.9	356

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127	Graphene quantum dots for ultrasensitive detection of acetylcholinesterase and its inhibitors. 2D Materials, 2015, 2, 034018.	4.4	33
128	A graphene quantum dot-based FRET system for nuclear-targeted and real-time monitoring of drug delivery. Nanoscale, 2015, 7, 15477-15486.	5.6	83
129	Peptide-Assembled Graphene Oxide as a Fluorescent Turn-On Sensor for Lipopolysaccharide (Endotoxin) Detection. Analytical Chemistry, 2015, 87, 9408-9412.	6.5	100
130	Glowing Graphene Quantum Dots and Carbon Dots: Properties, Syntheses, and Biological Applications. Small, 2015, 11, 1620-1636.	10.0	1,770
131	Layer-by-layer printing of laminated graphene-based interdigitated microelectrodes for flexible planar micro-supercapacitors. Electrochemistry Communications, 2015, 51, 33-36.	4.7	169
132	Three-Dimensional Porous Architectures of Carbon Nanotubes and Graphene Sheets for Energy Applications. Frontiers in Energy Research, 2014, 2, .	2.3	14
133	Optimizing the Refractive Index Sensitivity of Plasmonically Coupled Gold Nanoparticles. Plasmonics, 2014, 9, 773-780.	3.4	52
134	Facile Synthesis of Graphene Quantum Dots from 3D Graphene and their Application for Fe³⁺ Sensing. Advanced Functional Materials, 2014, 24, 3021-3026.	14.9	446
135	Apelin Attenuates Oxidative Stress in Human Adipocytes. Journal of Biological Chemistry, 2014, 289, 3763-3774.	3.4	92
136	Free-standing electrochemical electrode based on Ni(OH)₂/3D graphene foam for nonenzymatic glucose detection. Nanoscale, 2014, 6, 7424-7429.	5.6	174
137	Fluorescent quantum dots derived from PEDOT and their applications in optical imaging and sensing. Materials Horizons, 2014, 1, 529-534.	12.2	30
138	Curvature of the Localized Surface Plasmon Resonance Peak. Analytical Chemistry, 2014, 86, 7399-7405.	6.5	48
139	Biofunctionalized Gold Nanoparticles for Colorimetric Sensing of Botulinum Neurotoxin A Light Chain. Analytical Chemistry, 2014, 86, 2345-2352.	6.5	71
140	Three-Dimensional Graphene-Carbon Nanotube Hybrid for High-Performance Enzymatic Biofuel Cells. ACS Applied Materials & Interfaces, 2014, 6, 3387-3393.	8.0	136
141	Fabrication of Ultralong Hybrid Microfibers from Nanosheets of Reduced Graphene Oxide and Transitionâ€Metal Dichalcogenides and their Application as Supercapacitors. Angewandte Chemie - International Edition, 2014, 53, 12576-12580.	13.8	119
142	Heteroatom-doped graphene materials: syntheses, properties and applications. Chemical Society Reviews, 2014, 43, 7067-7098.	38.1	1,547
143	Revealing the tunable photoluminescence properties of graphene quantum dots. Journal of Materials Chemistry C, 2014, 2, 6954-6960.	5.5	530
144	Fluorescence quenching between unbonded graphene quantum dots and gold nanoparticles upon simple mixing. RSC Advances, 2014, 4, 35673-35677.	3.6	31

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145	Fourâ€Layer Tinâ€“Carbon Nanotube Yolkâ€“Shell Materials for Highâ€Performance Lithiumâ€Ion Batteries. ChemSusChem, 2014, 7, 1407-1414.	6.8	30
146	Solution-processed flexible transparent conductors based on carbon nanotubes and silver grid hybrid films. Nanoscale, 2014, 6, 4560-4565.	5.6	22
147	TiN@VN Nanowire Arrays on 3D Carbon for Highâ€Performance Supercapacitors. ChemElectroChem, 2014, 1, 1027-1030.	3.4	22
148	Spatiotemporal catalytic dynamics within single nanocatalysts revealed by single-molecule microscopy. Chemical Society Reviews, 2014, 43, 1107-1117.	38.1	135
149	Phase-controlled synthesis of Î±-NiS nanoparticles confined in carbon nanorods for High Performance Supercapacitors. Scientific Reports, 2014, 4, 7054.	3.3	101
150	2D single- or double-layered vanadium oxide nanosheet assembled 3D microflowers: controlled synthesis, growth mechanism, and applications. Nanoscale, 2013, 5, 7790.	5.6	27
151	Solid-Phase Colorimetric Sensor Based on Gold Nanoparticle-Loaded Polymer Brushes: Lead Detection as a Case Study. Analytical Chemistry, 2013, 85, 4094-4099.	6.5	84
152	Gold nanoparticles decorated reduced graphene oxide for detecting the presence and cellular release of nitric oxide. Electrochimica Acta, 2013, 111, 441-446.	5.2	69
153	Control of Adipogenesis by the Autocrine Interplays between Angiotensin 1â€“7/Mas Receptor and Angiotensin II/AT1 Receptor Signaling Pathways. Journal of Biological Chemistry, 2013, 288, 15520-15531.	3.4	57
154	Gallium-Doped Tin Oxide Nano-Cuboids for Improved Dye Sensitized Solar Cell. ACS Applied Materials & Interfaces, 2013, 5, 11377-11382.	8.0	33
155	In Situ Charge-Transfer-Induced Transition from Metallic to Semiconducting Single-Walled Carbon Nanotubes. Chemistry of Materials, 2013, 25, 4464-4470.	6.7	9
156	Increase of riboflavin biosynthesis underlies enhancement of extracellular electron transfer of Shewanella in alkaline microbial fuel cells. Bioresource Technology, 2013, 130, 763-768.	9.6	86
157	Nanoporous tin oxide photoelectrode prepared by electrochemical anodization in aqueous ammonia to improve performance of dye sensitized solar cell. Journal of Renewable and Sustainable Energy, 2013, 5, 023120.	2.0	21
158	High capacitive performance of flexible and binder-free grapheneâ€“polypyrrole composite membrane based on in situ reduction of graphene oxide and self-assembly. Nanoscale, 2013, 5, 9860.	5.6	93
159	Peptide functionalized gold nanoparticles for colorimetric detection of matrilysin (MMP-7) activity. Nanoscale, 2013, 5, 8973.	5.6	75
160	Memory Devices Using a Mixture of MoS₂ and Graphene Oxide as the Active Layer. Small, 2013, 9, 727-731.	10.0	144
161	Ferritin-Templated Synthesis and Self-Assembly of Pt Nanoparticles on a Monolithic Porous Graphene Network for Electrocatalysis in Fuel Cells. ACS Applied Materials & Interfaces, 2013, 5, 782-787.	8.0	96
162	A hierarchically structured composite of Mn₃O₄/3D graphene foam for flexible nonenzymatic biosensors. Journal of Materials Chemistry B, 2013, 1, 110-115.	5.8	137

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