Chen Peng

List of Publications by Year
in descending order

171	15,437	23567 58	18130 120
papers	citations	h-index	g-index

179	179	179	20729
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Glowing Graphene Quantum Dots and Carbon Dots: Properties, Syntheses, and Biological Applications. Small, 2015, 11, 1620-1636.	10.0	1,770
2	Recent Advances on Graphene Quantum Dots: From Chemistry and Physics to Applications. Advanced Materials, 2019, 31, e1808283.	21.0	603
3	Revealing the tunable photoluminescence properties of graphene quantum dots. Journal of Materials Chemistry C, 2014, 2, 6954-6960.	5.5	530
4	Surface Modified Ti₃C₂ MXene Nanosheets for Tumor Targeting Photothermal/Photodynamic/Chemo Synergistic Therapy. ACS Applied Materials & Interfaces, 2017, 9, 40077-40086.	8.0	491
5	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
6	One-Pot Synthesis of Carbon-Coated SnO₂ Nanocolloids with Improved Reversible Lithium Storage Properties. Chemistry of Materials, 2009, 21, 2868-2874.	6.7	421
7	Ultralong Phosphorescence of Waterâ€Soluble Organic Nanoparticles for In Vivo Afterglow Imaging. Advanced Materials, 2017, 29, 1606665.	21.0	419
8	Boosting the Photocatalytic Ability of Cu₂O Nanowires for CO₂ Conversion by MXene Quantum Dots. Advanced Functional Materials, 2019, 29, 1806500.	14.9	354
9	Graphene-based biosensors for detection of bacteria and their metabolic activities. Journal of Materials Chemistry, 2011, 21, 12358.	6.7	343
10	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
11	A Swellable Microneedle Patch to Rapidly Extract Skin Interstitial Fluid for Timely Metabolic Analysis. Advanced Materials, 2017, 29, 1702243.	21.0	303
12	Oxygenic Hybrid Semiconducting Nanoparticles for Enhanced Photodynamic Therapy. Nano Letters, 2018, 18, 586-594.	9.1	294
13	Hybrid structure of zinc oxide nanorods and three dimensional graphene foam for supercapacitor and electrochemical sensor applications. RSC Advances, 2012, 2, 4364.	3.6	285
14	Mo₂Câ€Derived Polyoxometalate for NIRâ€II Photoacoustic Imagingâ€Guided Chemodynamic/Photothermal Synergistic Therapy. Angewandte Chemie - International Edition, 2019, 58, 18641-18646.	13.8	281
15	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
16	Regulating Near-Infrared Photodynamic Properties of Semiconducting Polymer Nanotheranostics for Optimized Cancer Therapy. ACS Nano, 2017, 11, 8998-9009.	14.6	239
17	Organic Dye Based Nanoparticles for Cancer Phototheranostics. Small, 2018, 14, e1704247.	10.0	226
18	Activatable Photoacoustic Nanoprobes for In Vivo Ratiometric Imaging of Peroxynitrite. Advanced Materials, 2017, 29, 1604764.	21.0	220

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19	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
20	Electrodeposited Pt on three-dimensional interconnected graphene as a free-standing electrode for fuel cell application. Journal of Materials Chemistry, 2012, 22, 5286.	6.7	210
21	A generic approach towards afterglow luminescent nanoparticles for ultrasensitive in vivo imaging. Nature Communications, 2019, 10, 2064.	12.8	210
22	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
23	Self-implantable double-layered micro-drug-reservoirs for efficient and controlled ocular drug delivery. Nature Communications, 2018, 9, 4433.	12.8	209
24	Synthesis of grapheneâ€“carbon nanotube hybrid foam and its use as a novel three-dimensional electrode for electrochemical sensing. Journal of Materials Chemistry, 2012, 22, 17044.	6.7	197
25	Highly stretchable and autonomously healable epidermal sensor based on multi-functional hydrogel frameworks. Journal of Materials Chemistry A, 2019, 7, 5949-5956.	10.3	187
26	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
27	Effective doping of single-layer graphene from underlying<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>SiO</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> substrates. Physical Review B, 2009, 79, .	3.2	173
28	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
29	Molecular targets of Î²-elemene, a herbal extract used in traditional Chinese medicine, and its potential role in cancer therapy: A review. Biomedicine and Pharmacotherapy, 2019, 114, 108812.	5.6	155
30	Ultrasensitive Profiling of Metabolites Using Tyramine-Functionalized Graphene Quantum Dots. ACS Nano, 2016, 10, 3622-3629.	14.6	145
31	Iron-Doped Carbon Nitride-Type Polymers as Homogeneous Organocatalysts for Visible Light-Driven Hydrogen Evolution. ACS Applied Materials & Interfaces, 2016, 8, 617-624.	8.0	135
32	Fe₃O₄/Ag/Bi₂MoO₆ Photoactivatable Nanozyme for Selfâ€Replenishing and Sustainable Cascaded Nanocatalytic Cancer Therapy. Advanced Materials, 2021, 33, e2106996.	21.0	134
33	Nanochannel-Confined Graphene Quantum Dots for Ultrasensitive Electrochemical Analysis of Complex Samples. ACS Nano, 2018, 12, 12673-12681.	14.6	129
34	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
35	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
36	Polydopamine-Enabled Approach toward Tailored Plasmonic Nanogapped Nanoparticles: From Nanogap Engineering to Multifunctionality. ACS Nano, 2016, 10, 11066-11075.	14.6	109

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37	Photothermal-pH-hypoxia responsive multifunctional nanoplatform for cancer photo-chemo therapy with negligible skin phototoxicity. Biomaterials, 2019, 221, 119422.	11.4	101
38	Implantable and degradable antioxidant poly(Îµ-caprolactone)-lignin nanofiber membrane for effective osteoarthritis treatment. Biomaterials, 2020, 230, 119601.	11.4	100
39	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
40	â€œWaxâ€Sealedâ€•Theranostic Nanoplatform for Enhanced Afterglow Imagingâ€“Guided Photothermally Triggered Photodynamic Therapy. Advanced Functional Materials, 2018, 28, 1804317.	14.9	97
41	Cryomicroneedles for transdermal cell delivery. Nature Biomedical Engineering, 2021, 5, 1008-1018.	22.5	97
42	Acidithiobacillus ferrooxidans and its potential application. Extremophiles, 2018, 22, 563-579.	2.3	94
43	In Situ Synthesis of Reduced Graphene Oxide and Gold Nanocomposites for Nanoelectronics and Biosensing. Nanoscale Research Letters, 2011, 6, 60.	5.7	93
44	Bifunctional N-CoSe₂/3D-MXene as Highly Efficient and Durable Cathode for Rechargeable Znâ€“Air Battery. , 2019, 1, 432-439.		90
45	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
46	Transdermal Delivery of Antiâ€Obesity Compounds to Subcutaneous Adipose Tissue with Polymeric Microneedle Patches. Small Methods, 2017, 1, 1700269.	8.6	88
47	Apelin Enhances Brown Adipogenesis and Browning of White Adipocytes. Journal of Biological Chemistry, 2015, 290, 14679-14691.	3.4	87
48	Nanowires assembled from MnCo2O4@C nanoparticles for water splitting and all-solid-state supercapacitor. Nano Research, 2016, 9, 1300-1309.	10.4	87
49	High-strength carbon nanotube buckypaper composites as applied to free-standing electrodes for supercapacitors. Journal of Materials Chemistry A, 2013, 1, 4057.	10.3	83
50	Ternary Chalcogenide Nanosheets with Ultrahigh Photothermal Conversion Efficiency for Photoacoustic Theranostics. Small, 2017, 13, 1604139.	10.0	83
51	Organic Nanoprobe Cocktails for Multilocal and Multicolor Fluorescence Imaging of Reactive Oxygen Species. Advanced Functional Materials, 2017, 27, 1700493.	14.9	82
52	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
53	Dynamic transcriptome changes during adipose tissue energy expenditure reveal critical roles for long noncoding RNA regulators. PLoS Biology, 2017, 15, e2002176.	5.6	81
54	Monitoring Dynamic Cellular Redox Homeostasis Using Fluorescence-Switchable Graphene Quantum Dots. ACS Nano, 2016, 10, 11475-11482.	14.6	71

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55	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
56	Multi-stimuli responsive smart chitosan-based microcapsules for targeted drug delivery and triggered drug release. Ultrasonics Sonochemistry, 2017, 38, 145-153.	8.2	67
57	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
58	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
59	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
60	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
61	Microfiber devices based on carbon materials. Materials Today, 2015, 18, 215-226.	14.2	57
62	Aldose Reductase Regulates Microglia/Macrophages Polarization Through the cAMP Response Element-Binding Protein After Spinal Cord Injury in Mice. Molecular Neurobiology, 2016, 53, 662-676.	4.0	53
63	Small-molecule diketopyrrolopyrrole-based therapeutic nanoparticles for photoacoustic imaging-guided photothermal therapy. Nano Research, 2017, 10, 794-801.	10.4	50
64	Holey nickel hydroxide nanosheets for wearable solid-state fiber-supercapacitors. Nanoscale, 2018, 10, 5442-5448.	5.6	50
65	Highly biocompatible graphene quantum dots: green synthesis, toxicity comparison and fluorescence imaging. Journal of Materials Science, 2020, 55, 1198-1215.	3.7	50
66	A microbial transformation using Bacillus subtilis B7-S to produce natural vanillin from ferulic acid. Scientific Reports, 2016, 6, 20400.	3.3	49
67	Starvation, Ferroptosis, and Prodrug Therapy Synergistically Enabled by a Cytochrome c Oxidase like Nanozyme. Advanced Materials, 2022, 34, e2203236.	21.0	49
68	Biotransformation of ferulic acid to vanillin in the packed bed-stirred fermentors. Scientific Reports, 2016, 6, 34644.	3.3	48
69	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
70	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
71	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
72	Enzymatic Degradation of Graphene Quantum Dots by Human Peroxidases. Small, 2019, 15, e1905405.	10.0	46

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73	pH responsive superporogen combined with PDT based on poly Ce6 ionic liquid grafted on SiO₂ for combating MRSA biofilm infection. Theranostics, 2020, 10, 4795-4808.	10.0	43
74	Facet-Dependent Catalytic Performance of Au Nanocrystals for Electrochemical Nitrogen Reduction. ACS Applied Materials & Interfaces, 2020, 12, 41613-41619.	8.0	42
75	Probiotics database: a potential source of fermented foods. International Journal of Food Properties, 2019, 22, 198-217.	3.0	40
76	Remodeling Tumor Microenvironment by Multifunctional Nanoassemblies for Enhanced Photodynamic Cancer Therapy. , 2020, 2, 1268-1286.		40
77	Diketopyrrolopyrrole-Based Photosensitizers Conjugated with Chemotherapeutic Agents for Multimodal Tumor Therapy. ACS Applied Materials & Interfaces, 2017, 9, 30398-30405.	8.0	39
78	EZH2 overexpression in different immunophenotypes of breast carcinoma and association with clinicopathologic features. Diagnostic Pathology, 2016, 11, 41.	2.0	37
79	In situ preparation of a MOF-derived magnetic carbonaceous catalyst for visible-light-driven hydrogen evolution. RSC Advances, 2016, 6, 2011-2018.	3.6	35
80	Combination therapy of PKCÎ¶ and COX-2 inhibitors synergistically suppress melanoma metastasis. Journal of Experimental and Clinical Cancer Research, 2017, 36, 115.	8.6	32
81	Broadband Plasmonic Antenna Enhanced Upconversion and Its Application in Flexible Fingerprint Identification. Advanced Optical Materials, 2018, 6, 1701119.	7.3	32
82	Semiconducting Polymer Nanobiocatalysts for Photoactivation of Intracellular Redox Reactions. Angewandte Chemie - International Edition, 2018, 57, 13484-13488.	13.8	32
83	Transdermal Photothermal-Pharmacotherapy to Remodel Adipose Tissue for Obesity and Metabolic Disorders. ACS Nano, 2022, 16, 1813-1825.	14.6	32
84	Fluorescence quenching between unbonded graphene quantum dots and gold nanoparticles upon simple mixing. RSC Advances, 2014, 4, 35673-35677.	3.6	31
85	Fluorescent quantum dots derived from PEDOT and their applications in optical imaging and sensing. Materials Horizons, 2014, 1, 529-534.	12.2	30
86	Grapheneâ€“bacteria composite for oxygen reduction and lithium ion batteries. Journal of Materials Chemistry A, 2015, 3, 12873-12879.	10.3	30
87	Inhibition of invasion by N -trans -feruloyloctopamine via AKT, p38MAPK and EMT related signals in hepatocellular carcinoma cells. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 989-993.	2.2	30
88	RNA Binding Protein Ybx2 Regulates RNA Stability During Cold-Induced Brown Fat Activation. Diabetes, 2017, 66, 2987-3000.	0.6	30
89	Preparation of open-porous stereocomplex PLA/PBAT scaffolds and correlation between their morphology, mechanical behavior, and cell compatibility. RSC Advances, 2018, 8, 12933-12943.	3.6	30
90	Acidithiobacillus thiooxidans and its potential application. Applied Microbiology and Biotechnology, 2019, 103, 7819-7833.	3.6	30

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91	Low-Cost and Highly Sensitive Wearable Sensor Based on Napkin for Health Monitoring. Sensors, 2019, 19, 3427.	3.8	30
92	Loss of clock gene mPer2 promotes liver fibrosis induced by carbon tetrachloride. Hepatology Research, 2010, 40, 1117-1127.	3.4	29
93	Promoted intramolecular photoinduced-electron transfer for multi-mode imaging-guided cancer photothermal therapy. Rare Metals, 2022, 41, 56-66.	7.1	29
94	Antimicrobial Microneedle Patch for Treating Deep Cutaneous Fungal Infection. Advanced Therapeutics, 2019, 2, 1900064.	3.2	28
95	Baicalin Induces Apoptosis and Suppresses the Cell Cycle Progression of Lung Cancer Cells Through Downregulating Akt/mTOR Signaling Pathway. Frontiers in Molecular Biosciences, 2020, 7, 602282.	3.5	28
96	Identification of novel serum biomarker for the detection of acute myeloid leukemia based on liquid chromatography-mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2019, 166, 357-363.	2.8	27
97	Diketopyrrolopyrrole-Au(I) as singlet oxygen generator for enhanced tumor photodynamic and photothermal therapy. Science China Chemistry, 2020, 63, 55-64.	8.2	26
98	Substrate Engineering for CVD Growth of Single Crystal Graphene. Small Methods, 2021, 5, e2001213.	8.6	25
99	High expression of CREPT promotes tumor growth and is correlated with poor prognosis in colorectal cancer. Biochemical and Biophysical Research Communications, 2016, 480, 436-442.	2.1	24
100	Iron Oxide Nanoparticle-Powered Micro-Optical Coherence Tomography for in Situ Imaging the Penetration and Swelling of Polymeric Microneedles in the Skin. ACS Applied Materials & Interfaces, 2017, 9, 20340-20347.	8.0	24
101	Drug-based magnetic imprinted nanoparticles: Enhanced lysozyme amyloid fibrils cleansing and anti-amyloid fibrils toxicity. International Journal of Biological Macromolecules, 2020, 153, 723-735.	7.5	24
102	Organic Nanotheranostics for Photoacoustic Imaging-Guided Phototherapy. Current Medicinal Chemistry, 2019, 26, 1389-1405.	2.4	24
103	A vanillin derivative suppresses the growth of HT29 cells through the Wnt/Î²-catenin signaling pathway. European Journal of Pharmacology, 2019, 849, 43-49.	3.5	23
104	Nanopore Unstacking of Single-Stranded DNA Helices. Small, 2007, 3, 1204-1208.	10.0	22
105	TiN@VN Nanowire Arrays on 3D Carbon for Highâ€Performance Supercapacitors. ChemElectroChem, 2014, 1, 1027-1030.	3.4	22
106	Optimization of magnetosome production by Acidithiobacillus ferrooxidans using desirability function approach. Materials Science and Engineering C, 2016, 59, 731-739.	7.3	22
107	Realgar transforming solution displays anticancer potential against human hepatocellular carcinoma HepG2 cells by inducing ROS. International Journal of Oncology, 2017, 50, 660-670.	3.3	22
108	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

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109	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
110	A Graphene Quantum Dotsâ€"Hypochlorite Hybrid System for the Quantitative Fluorescent Determination of Total Antioxidant Capacity. Small, 2017, 13, 1700709.	10.0	21
111	Tunable excitonic emission of monolayer WS2 for the optical detection of DNA nucleobases. Nano Research, 2018, 11, 1744-1754.	10.4	20
112	Mo 2 Câ€Derived Polyoxometalate for NIRâ€Ⅱ Photoacoustic Imagingâ€Guided Chemodynamic/Photothermal Synergistic Therapy. Angewandte Chemie, 2019, 131, 18814-18819.	2.0	20
113	Charge Density Depinning in Defective MoTe₂ Transistor by Oxygen Intercalation. Advanced Functional Materials, 2020, 30, 2004880.	14.9	20
114	Feasibility of biohydrogen production from industrial wastes using defined microbial co-culture. Biological Research, 2015, 48, 24.	3.4	19
115	The use of (5Z)-4-bromo-5-(bromomethylene)-2(5H)-furanone for controlling acid mine drainage through the inhibition of Acidithiobacillus ferrooxidans biofilm formation. Bioresource Technology, 2015, 186, 52-57.	9.6	19
116	IPM712, a vanillin derivative as potential antitumor agents, displays better antitumor activity in colorectal cancers cell lines. European Journal of Pharmaceutical Sciences, 2020, 152, 105464.	4.0	18
117	Clinicopathologic features and prognostic implications of Gankyrin protein expression in non-small cell lung cancer. Pathology Research and Practice, 2015, 211, 939-947.	2.3	17
118	Cultivation-independent comprehensive investigations on bacterial communities in serofluid dish, a traditional Chinese fermented food. Genomics Data, 2016, 7, 127-128.	1.3	17
119	Human Gut Microbiome-Based Knowledgebase as a Biomarker Screening Tool to Improve the Predicted Probability for Colorectal Cancer. Frontiers in Microbiology, 2020, 11, 596027.	3.5	17
120	Transdermal theranostics. View, 2020, 1, e21.	5.3	17
121	Thrombin Based Photothermalâ€Responsive Nanoplatform for Tumorâ€Specific Embolization Therapy. Small, 2021, 17, e2105033.	10.0	17
122	Draft genome sequence of Acidithiobacillus ferrooxidans YQH-1. Genomics Data, 2015, 6, 269-270.	1.3	16
123	Metagenomic data of fungal internal transcribed spacer from serofluid dish, a traditional Chinese fermented food. Genomics Data, 2016, 7, 134-136.	1.3	16
124	Mobility Enhancement in Carbon Nanotube Transistors by Screening Charge Impurity with Silica Nanoparticles. Journal of Physical Chemistry C, 2011, 115, 6975-6979.	3.1	15
125	High ABCG4 Expression Is Associated with Poor Prognosis in Non-Small-Cell Lung Cancer Patients Treated with Cisplatin-Based Chemotherapy. PLoS ONE, 2015, 10, e0135576.	2.5	14
126	Draft genome sequence of extremely acidophilic bacterium Acidithiobacillus ferrooxidans DLC-5 isolated from acid mine drainage in Northeast China. Genomics Data, 2015, 6, 267-268.	1.3	13

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127	Properties of realgar bioleaching using an extremely acidophilic bacterium and its antitumor mechanism as an anticancer agent. Biological Research, 2017, 50, 17.	3.4	13
128	Labeling and Tracking P2 Purinergic Receptors in Living Cells Using ATPâ€Conjugated Quantum Dots. Advanced Functional Materials, 2011, 21, 2776-2780.	14.9	11
129	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
130	Bioadsorption of arsenic from aqueous solution by the extremophilic bacterium Acidithiobacillus ferrooxidans DLC-5. Biocatalysis and Biotransformation, 2019, 37, 35-43.	2.0	11
131	The compatibility effects of sini decoction against doxorubicin-induced heart failure in rats revealed by mass spectrometry-based serum metabolite profiling and computational analysis. Journal of Ethnopharmacology, 2020, 252, 112618.	4.1	11
132	Reversal of Enantioselectivity in the Copper-Aminophenol Sulfonamide Catalyzed Alkynylation of Isatins by Slightly Tuning the Ligand Structure and Basic Additives. Organic Letters, 2021, 23, 5739-5743.	4.6	11
133	Effects of substrates on photocurrents from photosensitive polymer coated carbon nanotube networks. Applied Physics Letters, 2008, 92, .	3.3	9
134	Strand-specific RNA-seq analysis of the Acidithiobacillus ferrooxidans transcriptome in response to magnesium stress. Archives of Microbiology, 2018, 200, 1025-1035.	2.2	9
135	Mg2+ reduces biofilm quantity in Acidithiobacillus ferrooxidans through inhibiting Type IV pili formation. FEMS Microbiology Letters, 2018, 365, .	1.8	9
136	Kushui Rose (R.ï¿½Setateï¿½xï¿½R.ï¿½Rugosa) decoction exerts antitumor effects in C. elegans by downregulating Ras/MAPK pathway and resisting oxidative stress. International Journal of Molecular Medicine, 2018, 42, 1411-1417.	4.0	9
137	Optimal parameters for bioleaching of realgar usingAcidithiobacillus ferrooxidansunder different growth conditions and mathematical analysis. Biocatalysis and Biotransformation, 2013, 31, 33-41.	2.0	8
138	Controlling armchair and zigzag edges in oxidative cutting of graphene. Journal of Materials Chemistry C, 2016, 4, 6539-6545.	5.5	8
139	Lancing Drug Reservoirs into Subcutaneous Fat to Combat Obesity and Associated Metabolic Diseases. Small, 2020, 16, 2002872.	10.0	8
140	Tumor-Targeted Delivery of Bufalin-Loaded Modified Albuminâ€“Polymer Hybrid for Enhanced Antitumor Therapy and Attenuated Hemolysis Toxicity and Cardiotoxicity. AAPS PharmSciTech, 2021, 22, 137.	3.3	8
141	Starch biotransformation into isomaltooligosaccharides using thermostable alpha-glucosidase from Geobacillus stearothermophilus. PeerJ, 2018, 6, e5086.	2.0	8
142	Design, synthesis, and cytotoxic activities of isaindigotone derivatives as potential anti-gastric cancer agents. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 1212-1226.	5.2	8
143	Arsenic Precipitation in the Bioleaching of Realgar Using Acidithiobacillus ferrooxidans. Hindawi Journal of Chemistry, 2013, 2013, 1-5.	1.6	7
144	Semiconducting Polymer Nanobiocatalysts for Photoactivation of Intracellular Redox Reactions. Angewandte Chemie, 2018, 130, 13672-13676.	2.0	7

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145	Paenibacillus ripae sp. nov., isolated from bank side soil. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 4757-4762.	1.7	7
146	Doubleâ€Shelled Nanostructure of SnO 2 @C Tubeâ€inâ€SnO 2 @C Tube Boosts Lithiumâ€Ion Storage. Energy Technology, 2019, 7, 1801048.	3.8	6
147	Cooperative Heterobimetallic Zinc/Alkaline Earth Metal Catalysis: A Zn/Sr Aminophenol Sulfonamide Complex for Catalytic Asymmetric Michael Addition of 3-Acetoxy-2-oxindoles to Î²-Ester Enones. Journal of Organic Chemistry, 2021, 86, 7119-7130.	3.2	6
148	On-chip diameter-dependent conversion of metallic to semiconducting single-walled carbon nanotubes by immersion in 2-ethylanthraquinone. RSC Advances, 2012, 2, 1275-1281.	3.6	5
149	Relieving Sore Throat Formula Exerts a Therapeutic Effect on Pharyngitis through Immunoregulation and NF-Î¹B Pathway. Mediators of Inflammation, 2020, 2020, 1-21.	3.0	5
150	Synthesis of 8-Fluoroneocryptolepine and Evaluation for Cytotoxic Activity against AGS Cancer Cells. Journal of Natural Products, 2022, 85, 963-971.	3.0	5
151	Vanillin Derivatives Reverse Fusobacterium nucleatum-Induced Proliferation and Migration of Colorectal Cancer Through E-Cadherin/Î²-Catenin Pathway. Frontiers in Pharmacology, 2022, 13, 841918.	3.5	5
152	Hypoxia responsive and tumor-targeted mixed micelles for enhanced cancer therapy and real-time imaging. Colloids and Surfaces B: Biointerfaces, 2022, 215, 112526.	5.0	5
153	Circular Nonuniform Electric Field Gel Electrophoresis for the Separation and Concentration of Nanoparticles. Analytical Chemistry, 2022, 94, 8474-8482.	6.5	5
154	Fabrication and Characterization of Networked Graphene Devices Based on Ultralarge Single-Layer Graphene Sheets. IEEE Nanotechnology Magazine, 2011, 10, 467-471.	2.0	4
155	Nanoprobes: Activatable Photoacoustic Nanoprobes for In Vivo Ratiometric Imaging of Peroxynitrite (Adv. Mater. 6/2017). Advanced Materials, 2017, 29, .	21.0	4
156	Dual-modified albumin-polymer nanocomplexes with enhanced in vivo stability for hepatocellular carcinoma therapy. Colloids and Surfaces B: Biointerfaces, 2021, 201, 111642.	5.0	4
157	Singleâ€Atom Catalysts: Atomically Dispersed Cobalt Trifunctional Electrocatalysts with Tailored Coordination Environment for Flexible Rechargeable Znâ€“Air Battery and Selfâ€Driven Water Splitting (Adv. Energy Mater. 48/2020). Advanced Energy Materials, 2020, 10, 2070195.	19.5	4
158	Draft genome of iron-oxidizing bacterium Leptospirillum sp. YQP-1 isolated from a volcanic lake in the Wudalianchi volcano, China. Genomics Data, 2015, 6, 164-165.	1.3	3
159	A Novel Electroactive Polymer for pHâ€independent Oxygen Sensing. Electroanalysis, 2015, 27, 2745-2752.	2.9	3
160	Development, Optimization, and Pharmacokinetics Study of Bufalin/Nintedanib Co-loaded Modified Albumin Sub-microparticles Fabricated by Coaxial Electrostatic Spray Technology. AAPS PharmSciTech, 2022, 23, 13.	3.3	3
161	Coherent power amplification of third-order harmonic femtosecond pulses at thin-film up-conversion nanoparticles. Scientific Reports, 2019, 9, 5094.	3.3	2
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