

Chunying Chen

List of Publications by Year in descending order

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463
papers

40,687
citations

1457

107
h-index

3476

182
g-index

497
all docs

497
docs citations

497
times ranked

41680
citing authors

#	ARTICLE	IF	CITATIONS
1	Toxicology of nanomaterials: From toxicokinetics to toxicity mechanisms. , 2023, , 718-732.		2
2	In situ Analysis of the Fate and Behavior of Inorganic Nanomaterials in Biological Systems by Synchrotron Radiation X-ray Probe Techniques. Current Analytical Chemistry, 2022, 18, 723-738.	0.6	3
3	Tumor associated macrophage and microbe: The potential targets of tumor vaccine delivery. Advanced Drug Delivery Reviews, 2022, 180, 114046.	6.6	32
4	Nanomaterialsâ€Mediated Structural and Physiological Modulation of Blood Brain Barrier for Therapeutic Purposes. Advanced Materials Interfaces, 2022, 9, .	1.9	4
5	Toxicity of manufactured nanomaterials. Particuology, 2022, 69, 31-48.	2.0	63
6	Combinational application of metalâ€organic frameworksâ€based nanozyme and nucleic acid delivery in cancer therapy. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2022, 14, e1773.	3.3	16
7	Understanding Nanomaterialâ€Liver Interactions to Facilitate the Development of Safer Nanoapplications. Advanced Materials, 2022, 34, e2106456.	11.1	51
8	Synthesis of carbon quantum dots for application of alleviating amyloid- β^2 mediated neurotoxicity. Colloids and Surfaces B: Biointerfaces, 2022, 212, 112373.	2.5	20
9	A solid ultrasonic coupling membrane for superficial vascular ultrasonography. Nanoscale, 2022, 14, 3545-3553.	2.8	3
10	Selfâ€Assembling Peptideâ€Based Hydrogels for Wound Tissue Repair. Advanced Science, 2022, 9, e2104165.	5.6	99
11	Highly Efficient Photothermal Conversion and Water Transport during Solar Evaporation Enabled by Amorphous Hollow Multishelled Nanocomposites (Adv. Mater. 7/2022). Advanced Materials, 2022, 34, .	11.1	1
12	Understanding Nanomaterialâ€Liver Interactions to Facilitate the Development of Safer Nanoapplications (Adv. Mater. 11/2022). Advanced Materials, 2022, 34, .	11.1	1
13	Stable isotope labeling of nanomaterials for biosafety evaluation and drug development. Chinese Chemical Letters, 2022, 33, 3303-3314.	4.8	9
14	Uncertainties in the antibacterial mechanisms of graphene family materials. Nano Today, 2022, 43, 101436.	6.2	22
15	Professor Zhifang Chai: Scientific Contributions and Achievements. Chinese Chemical Letters, 2022, , .	4.8	0
16	Tailoring bismuth-based nanoparticles for enhanced radiosensitivity in cancer therapy. Nanoscale, 2022, 14, 8245-8254.	2.8	10
17	Chemical and Biophysical Signatures of the Protein Corona in Nanomedicine. Journal of the American Chemical Society, 2022, 144, 9184-9205.	6.6	98
18	Nano-bio interactions: A major principle in the dynamic biological processes of nano-assemblies. Advanced Drug Delivery Reviews, 2022, 186, 114318.	6.6	11

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19	Engineering carbon nanotubes for sensitive viral detection. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 153, 116659.	5.8	12
20	Brain Accumulation and Toxicity Profiles of Silica Nanoparticles: The Influence of Size and Exposure Route. <i>Environmental Science & Technology</i> , 2022, 56, 8319-8325.	4.6	16
21	Reverse anti-breast cancer drug resistance effects by a novel two-step assembled nano-celastrol medicine. <i>Nanoscale</i> , 2022, 14, 7856-7863.	2.8	7
22	Dynamic intracellular exchange of nanomaterials' protein corona perturbs proteostasis and remodels cell metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	56
23	Bioavailability of nanomaterials: bridging the gap between nanostructures and their bioactivity. <i>National Science Review</i> , 2022, 9, .	4.6	9
24	Engineering Nano-Bio Interfaces from Nanomaterials to Nanomedicines. <i>Accounts of Materials Research</i> , 2022, 3, 812-829.	5.9	19
25	Rapid Synthesis of Graphdiyne Films on Hydrogel at the Superspreading Interface for Antibacteria. <i>ACS Nano</i> , 2022, 16, 11338-11345.	7.3	30
26	Graphdiyne oxide nanosheets reprogram immunosuppressive macrophage for cancer immunotherapy. <i>Nano Today</i> , 2022, 45, 101543.	6.2	10
27	Nanosafety evaluation through feces: A comparison between selenium nanoparticles and selenite in rats. <i>Nano Today</i> , 2021, 36, 101010.	6.2	25
28	Letter on a Prospective Study of the Efficacy of Cell-Assisted Lipotransfer with Stromal Vascular Fraction to Correct Contour Deformities of the Autologous Reconstructed Breast. <i>Aesthetic Plastic Surgery</i> , 2021, 45, 1359-1359.	0.5	1
29	Designing Hypoxia-Responsive Nanotheranostic Agents for Tumor Imaging and Therapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001277.	3.9	39
30	Tumor-Associated Macrophage and Tumor-Cell Dually Transfecting Polyplexes for Efficient Interleukin-12 Cancer Gene Therapy. <i>Advanced Materials</i> , 2021, 33, e2006189.	11.1	68
31	Using nano-selenium to combat Coronavirus Disease 2019 (COVID-19)?. <i>Nano Today</i> , 2021, 36, 101037.	6.2	57
32	Graphdiyne-hemin-mediated catalytic system for wound disinfection and accelerated wound healing. <i>Materials Chemistry Frontiers</i> , 2021, 5, 6041-6051.	3.2	23
33	Time-course effect of ultras-small superparamagnetic iron oxide nanoparticles on intracellular iron metabolism and ferroptosis activation. <i>Nanotoxicology</i> , 2021, 15, 366-379.	1.6	17
34	New Insights from Chemical Biology: Molecular Basis of Transmission, Diagnosis, and Therapy of SARS-CoV-2. <i>CCS Chemistry</i> , 2021, 3, 1501-1528.	4.6	12
35	Nanotechnology for cancer drug design, delivery, and theranostics applications. , 2021, , 1-26.		2
36	The age of bioinspired molybdenum-involved nanozymes: Synthesis, catalytic mechanisms, and biomedical applications. <i>View</i> , 2021, 2, 20200188.	2.7	49

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37	Molybdenum derived from nanomaterials incorporates into molybdenum enzymes and affects their activities in vivo. <i>Nature Nanotechnology</i> , 2021, 16, 708-716.	15.6	153
38	Comparative nanometallomics as a new tool for nanosafety evaluation. <i>Metallomics</i> , 2021, 13, .	1.0	8
39	Postchronic Single-Walled Carbon Nanotube Exposure Causes Irreversible Malignant Transformation of Human Bronchial Epithelial Cells through DNA Methylation Changes. <i>ACS Nano</i> , 2021, 15, 7094-7104.	7.3	16
40	X-ray-Based Techniques to Study the Nano-Bio Interface. <i>ACS Nano</i> , 2021, 15, 3754-3807.	7.3	60
41	Structure of polymer-capped gold nanorods binding to model phospholipid monolayers. <i>JPhys Materials</i> , 2021, 4, 034004.	1.8	2
42	Multifunctional Graphdiyne-Cerium Oxide Nanozymes Facilitate MicroRNA Delivery and Attenuate Tumor Hypoxia for Highly Efficient Radiotherapy of Esophageal Cancer. <i>Advanced Materials</i> , 2021, 33, e2100556.	11.1	119
43	Towards screening the neurotoxicity of chemicals through feces after exposure to methylmercury or inorganic mercury in rats: A combined study using gut microbiome, metabolomics and metallomics. <i>Journal of Hazardous Materials</i> , 2021, 409, 124923.	6.5	30
44	Design and application of nanoparticles as vaccine adjuvants against human corona virus infection. <i>Journal of Inorganic Biochemistry</i> , 2021, 219, 111454.	1.5	29
45	Engineering a self-navigated MnARK nanovaccine for inducing potent protective immunity against novel coronavirus. <i>Nano Today</i> , 2021, 38, 101139.	6.2	60
46	Three-dimensional ultrastructural imaging reveals the nanoscale architecture of mammalian cells. <i>Microscopy and Microanalysis</i> , 2021, 27, 1566-1569.	0.2	0
47	The Underlying Function and Structural Organization of the Intracellular Protein Corona on Graphdiyne Oxide Nanosheet for Local Immunomodulation. <i>Nano Letters</i> , 2021, 21, 6005-6013.	4.5	63
48	Hypoxia and pH co-triggered oxidative stress amplifier for tumor therapy. <i>European Journal of Pharmacology</i> , 2021, 905, 174187.	1.7	8
49	Tailoring metal-organic frameworks-based nanozymes for bacterial theranostics. <i>Biomaterials</i> , 2021, 275, 120951.	5.7	51
50	Nanotoxicology and nanomedicine: The Yin and Yang of nano-bio interactions for the new decade. <i>Nano Today</i> , 2021, 39, 101184.	6.2	67
51	Heterojunction of Vertically Arrayed MoS ₂ Nanosheet/N-Doped Reduced Graphene Oxide Enabling a Nanozyme for Sensitive Biomolecule Monitoring. <i>Analytical Chemistry</i> , 2021, 93, 11123-11132.	3.2	52
52	Inherited and acquired corona of coronavirus in the host: Inspiration from the biomolecular corona of nanoparticles. <i>Nano Today</i> , 2021, 39, 101161.	6.2	11
53	Death Pathways of Cancer Cells Modulated by Surface Molecule Density on Gold Nanorods. <i>Advanced Science</i> , 2021, 8, e2102666.	5.6	13
54	A One-pot-synthesized Double-layered Anticoagulant Hydrogel Tube. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 1-7.	1.3	5

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55	A Titanium Nitride Nanozyme for pH-Responsive and Irradiation-Enhanced Cascade-Catalytic Tumor Therapy. <i>Angewandte Chemie</i> , 2021, 133, 25532-25542.	1.6	8
56	A Titanium Nitride Nanozyme for pH-Responsive and Irradiation-Enhanced Cascade-Catalytic Tumor Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25328-25338.	7.2	88
57	Perturbation of gut microbiota plays an important role in micro/nanoplastics-induced gut barrier dysfunction. <i>Nanoscale</i> , 2021, 13, 8806-8816.	2.8	86
58	Biodegradation of graphdiyne oxide in classically activated (M1) macrophages modulates cytokine production. <i>Nanoscale</i> , 2021, 13, 13072-13084.	2.8	12
59	Hypoxia-Triggered Self-Assembly of Ultrasmall Iron Oxide Nanoparticles to Amplify the Imaging Signal of a Tumor. <i>Journal of the American Chemical Society</i> , 2021, 143, 1846-1853.	6.6	91
60	3D Imaging and Quantification of the Integrin at a Single-Cell Base on a Multisignal Nanoprobe and Synchrotron Radiation Soft X-ray Tomography Microscopy. <i>Analytical Chemistry</i> , 2021, 93, 1237-1241.	3.2	20
61	<i>In vivo</i> percutaneous permeation of gold nanomaterials in consumer cosmetics: implication in dermal safety assessment of consumer nanoproducts. <i>Nanotoxicology</i> , 2021, 15, 131-144.	1.6	20
62	Carbon Nanotubes Promote the Development of Intestinal Organoids through Regulating Extracellular Matrix Viscoelasticity and Intracellular Energy Metabolism. <i>ACS Nano</i> , 2021, 15, 15858-15873.	7.3	20
63	Graphdiyne: from Preparation to Biomedical Applications. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 1-19.	1.3	10
64	Serum apolipoprotein A-I depletion is causative to silica nanoparticles-induced cardiovascular damage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	24
65	Rearrangement of protein structures on a gold nanoparticle surface is regulated by ligand adsorption modes. <i>Nanoscale</i> , 2021, 13, 20425-20436.	2.8	7
66	Nanomaterials as novel agents for amelioration of Parkinson's disease. <i>Nano Today</i> , 2021, 41, 101328.	6.2	18
67	Frontispiece: A Titanium Nitride Nanozyme for pH-Responsive and Irradiation-Enhanced Cascade-Catalytic Tumor Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	7.2	4
68	Frontispiz: A Titanium Nitride Nanozyme for pH-Responsive and Irradiation-Enhanced Cascade-Catalytic Tumor Therapy. <i>Angewandte Chemie</i> , 2021, 133, .	1.6	0
69	Acute oral methylmercury exposure perturbs the gut microbiome and alters gut-brain axis related metabolites in rats. <i>Ecotoxicology and Environmental Safety</i> , 2020, 190, 110130.	2.9	51
70	Corona of Thorns: The Surface Chemistry-Mediated Protein Corona Perturbs the Recognition and Immune Response of Macrophages. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 1997-2008.	4.0	100
71	Two-dimensional nanomaterials beyond graphene for antibacterial applications: current progress and future perspectives. <i>Theranostics</i> , 2020, 10, 757-781.	4.6	152
72	Single-Particle Analysis for Structure and Iron Chemistry of Atmospheric Particulate Matter. <i>Analytical Chemistry</i> , 2020, 92, 975-982.	3.2	24

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73	Rethinking Nanosafety Part II: Leveraging Progress to Pioneer New Approaches and Solutions. <i>Small</i> , 2020, 16, e2004934.	5.2	4
74	Phage capsid nanoparticles as multivalent inhibitors of viral infections. <i>Science Bulletin</i> , 2020, 65, 2050-2052.	4.3	6
75	Amyloidosis inhibition, a new frontier of the protein corona. <i>Nano Today</i> , 2020, 35, 100937.	6.2	32
76	Implications of the Human Gut-Brain and Gut-Cancer Axes for Future Nanomedicine. <i>ACS Nano</i> , 2020, 14, 14391-14416.	7.3	30
77	Defect-Rich Adhesive Molybdenum Disulfide/rGO Vertical Heterostructures with Enhanced Nanozyme Activity for Smart Bacterial Killing Application. <i>Advanced Materials</i> , 2020, 32, e2005423.	11.1	207
78	Progress, challenges, and future of nanomedicine. <i>Nano Today</i> , 2020, 35, 101008.	6.2	135
79	Gold Nanorod-Based Nanoplatfom Catalyzes Constant NO Generation and Protects from Cardiovascular Injury. <i>ACS Nano</i> , 2020, 14, 12854-12865.	7.3	30
80	Suppressing the Radiation-Induced Corrosion of Bismuth Nanoparticles for Enhanced Synergistic Cancer Radiophototherapy. <i>ACS Nano</i> , 2020, 14, 13016-13029.	7.3	42
81	Few-Layer Bismuthene for Checkpoint Knockdown Enhanced Cancer Immunotherapy with Rapid Clearance and Sequentially Triggered One-for-All Strategy. <i>ACS Nano</i> , 2020, 14, 15700-15713.	7.3	41
82	Enzyme-Triggered Disassembly of Perylene Monoimide-based Nanoclusters for Activatable and Deep Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14014-14018.	7.2	89
83	Enzyme-Triggered Disassembly of Perylene Monoimide-based Nanoclusters for Activatable and Deep Photodynamic Therapy. <i>Angewandte Chemie</i> , 2020, 132, 14118-14122.	1.6	24
84	Chemical nature and sources of fine particles in urban Beijing: Seasonality and formation mechanisms. <i>Environment International</i> , 2020, 140, 105732.	4.8	26
85	Rethinking Nanosafety: Harnessing Progress and Driving Innovation. <i>Small</i> , 2020, 16, e2002503.	5.2	14
86	Nano-bio interactions: the implication of size-dependent biological effects of nanomaterials. <i>Science China Life Sciences</i> , 2020, 63, 1168-1182.	2.3	58
87	Uptake of graphene enhanced the photophosphorylation performed by chloroplasts in rice plants. <i>Nano Research</i> , 2020, 13, 3198-3205.	5.8	21
88	Photothermal conversion-coordinated Fenton-like and photocatalytic reactions of Cu ₂ -xSe-Au Janus nanoparticles for tri-combination antitumor therapy. <i>Biomaterials</i> , 2020, 255, 120167.	5.7	89
89	Graphdiyne:Structure of Fluorescent Quantum Dots. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16712-16716.	7.2	79
90	Graphdiyne:Structure of Fluorescent Quantum Dots. <i>Angewandte Chemie</i> , 2020, 132, 16855.	1.6	7

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91	Metal ions modulation of the self-assembly of short peptide conjugated nonsteroidal anti-inflammatory drugs (NSAIDs). <i>Nanoscale</i> , 2020, 12, 7960-7968.	2.8	17
92	Graphdiyne nanoradioprotector with efficient free radical scavenging ability for mitigating radiation-induced gastrointestinal tract damage. <i>Biomaterials</i> , 2020, 244, 119940.	5.7	58
93	Assessment of Air Pollutant PM2.5 Pulmonary Exposure Using a 3D Lung-on-Chip Model. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 3081-3090.	2.6	50
94	Designing Stimuli-Responsive Upconversion Nanoparticles that Exploit the Tumor Microenvironment. <i>Advanced Materials</i> , 2020, 32, e2000055.	11.1	143
95	Trophic transfer and biomagnification of fullerene nanoparticles in an aquatic food chain. <i>Environmental Science: Nano</i> , 2020, 7, 1240-1251.	2.2	20
96	Graphdiyne-templated palladium-nanoparticle assembly as a robust oxygen generator to attenuate tumor hypoxia. <i>Nano Today</i> , 2020, 34, 100907.	6.2	75
97	Effects of NH ₃ and alkaline metals on the formation of particulate sulfate and nitrate in wintertime Beijing. <i>Science of the Total Environment</i> , 2020, 717, 137190.	3.9	26
98	Initiation of protective autophagy in hepatocytes by gold nanorod core/silver shell nanostructures. <i>Nanoscale</i> , 2020, 12, 6429-6437.	2.8	17
99	The effect of size and surface ligands of iron oxide nanoparticles on blood compatibility. <i>RSC Advances</i> , 2020, 10, 7559-7569.	1.7	38
100	Optimizing Energy Transfer in Nanostructures Enables In Vivo Cancer Lesion Tracking via Near-Infrared Excited Hypoxia Imaging. <i>Advanced Materials</i> , 2020, 32, e1907718.	11.1	38
101	The Nano-Intestine Interaction: Understanding the Location-Oriented Effects of Engineered Nanomaterials in the Intestine. <i>Small</i> , 2020, 16, e1907665.	5.2	44
102	Immunological Responses Induced by Blood Protein Coronas on Two-Dimensional MoS ₂ Nanosheets. <i>ACS Nano</i> , 2020, 14, 5529-5542.	7.3	82
103	15 Years of <i>Small</i> : Research Trends in Nanosafety. <i>Small</i> , 2020, 16, e2000980.	5.2	37
104	Safety Assessment of Nanomaterials for Antimicrobial Applications. <i>Chemical Research in Toxicology</i> , 2020, 33, 1082-1109.	1.7	33
105	Recent advances in the analysis of nanoparticle-protein coronas. <i>Nanomedicine</i> , 2020, 15, 1037-1061.	1.7	25
106	Summertime and wintertime atmospheric processes of secondary aerosol in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 3793-3807.	1.9	55
107	Synchrotron-Based Techniques for the Quantification, Imaging, Speciation, and Structure Characterization of Metals in Environmental and Biological Samples. , 2020, , 57-71.		1
108	Gd-metallofullerene drug delivery system mediated macrophage polarization enhances the efficiency of chemotherapy. <i>Journal of Controlled Release</i> , 2020, 320, 293-303.	4.8	18

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109	Proteasome activity regulated by charged gold nanoclusters: Implications for neurodegenerative diseases. <i>Nano Today</i> , 2020, 35, 100933.	6.2	10
110	Cellular Uptake, Stability, and Safety of Hollow Carbon Sphere-Protected Fe ₃ O ₄ Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 2584-2591.	0.9	5
111	Exposure to nickel oxide nanoparticles insinuates physiological, ultrastructural and oxidative damage: A life cycle study on <i>Eisenia fetida</i> . <i>Environmental Pollution</i> , 2019, 254, 113032.	3.7	65
112	Stability of Ligands on Nanoparticles Regulating the Integrity of Biological Membranes at the Nano-Lipid Interface. <i>ACS Nano</i> , 2019, 13, 8680-8693.	7.3	59
113	On the issue of transparency and reproducibility in nanomedicine. <i>Nature Nanotechnology</i> , 2019, 14, 629-635.	15.6	149
114	Cellular Responses to Exposure to Outdoor Air from the Chinese Spring Festival at the Air-Liquid Interface. <i>Environmental Science & Technology</i> , 2019, 53, 9128-9138.	4.6	9
115	Optimization of Antibacterial Efficacy of Noble-Metal-Based Core-Shell Nanostructures and Effect of Natural Organic Matter. <i>ACS Nano</i> , 2019, 13, 12694-12702.	7.3	61
116	PEGylated gold nanorods are not cytotoxic to human endothelial cells but affect kruppel-like factor signaling pathway. <i>Toxicology and Applied Pharmacology</i> , 2019, 382, 114758.	1.3	20
117	Fluorometric sensing of pH values using green-emitting black phosphorus quantum dots. <i>Mikrochimica Acta</i> , 2019, 186, 640.	2.5	20
118	Selenium Nanoparticles as an Efficient Nanomedicine for the Therapy of Huntington's Disease. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 34725-34735.	4.0	101
119	New power of self-assembling carbonic anhydrase inhibitor: Short peptide-constructed nanofibers inspire hypoxic cancer therapy. <i>Science Advances</i> , 2019, 5, eaax0937.	4.7	100
120	Selenium modulated gut flora and promoted decomposition of methylmercury in methylmercury-poisoned rats. <i>Ecotoxicology and Environmental Safety</i> , 2019, 185, 109720.	2.9	33
121	Engineered Graphene Oxide Nanocomposite Capable of Preventing the Evolution of Antimicrobial Resistance. <i>ACS Nano</i> , 2019, 13, 11488-11499.	7.3	84
122	Correlation of regional deposition dosage for inhaled nanoparticles in human and rat olfactory. <i>Particle and Fibre Toxicology</i> , 2019, 16, 6.	2.8	49
123	Understanding the Chemical Nature of Nanoparticle-Protein Interactions. <i>Bioconjugate Chemistry</i> , 2019, 30, 1923-1937.	1.8	109
124	Electron Compensation Effect Suppressed Silver Ion Release and Contributed Safety of Au@Ag Core-Shell Nanoparticles. <i>Nano Letters</i> , 2019, 19, 4478-4489.	4.5	49
125	Precision Nanomedicine Development Based on Specific Opsonization of Human Cancer Patient-Personalized Protein Coronas. <i>Nano Letters</i> , 2019, 19, 4692-4701.	4.5	87
126	Long-term pulmonary exposure to multi-walled carbon nanotubes promotes breast cancer metastatic cascades. <i>Nature Nanotechnology</i> , 2019, 14, 719-727.	15.6	131

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127	An All-Organic Semiconductor C ₃ N ₄ /PDINH Heterostructure with Advanced Antibacterial Photocatalytic Therapy Activity. <i>Advanced Materials</i> , 2019, 31, e1901965.	11.1	215
128	Toxicological Risk Assessments of Iron Oxide Nanocluster- and Gadolinium-Based T1MRI Contrast Agents in Renal Failure Rats. <i>ACS Nano</i> , 2019, 13, 6801-6812.	7.3	36
129	The Nano-Bio Interactions of Nanomedicines: Understanding the Biochemical Driving Forces and Redox Reactions. <i>Accounts of Chemical Research</i> , 2019, 52, 1507-1518.	7.6	211
130	Bacteria-Instructed Click Chemistry between Functionalized Gold Nanoparticles for Point-of-Care Microbial Detection. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 23093-23101.	4.0	48
131	Tailoring Nanomaterials for Targeting Tumor-Associated Macrophages. <i>Advanced Materials</i> , 2019, 31, e1808303.	11.1	223
132	Progress and Prospects of Graphdiyne-Based Materials in Biomedical Applications. <i>Advanced Materials</i> , 2019, 31, e1804386.	11.1	124
133	Complex to simple: In vitro exposure of particulate matter simulated at the air-liquid interface discloses the health impacts of major air pollutants. <i>Chemosphere</i> , 2019, 223, 263-274.	4.2	17
134	Chemical reduction of graphene enhances <i>in vivo</i> translocation and photosynthetic inhibition in pea plants. <i>Environmental Science: Nano</i> , 2019, 6, 1077-1088.	2.2	44
135	Predominance of secondary organic aerosol to particle-bound reactive oxygen species activity in fine ambient aerosol. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 14703-14720.	1.9	31
136	Cell membrane based biomimetic nanocomposites for targeted therapy of drug resistant EGFR-mutated lung cancer. <i>Nanoscale</i> , 2019, 11, 19520-19528.	2.8	32
137	MOF-based fibrous membranes adsorb PM efficiently and capture toxic gases selectively. <i>Nanoscale</i> , 2019, 11, 17782-17790.	2.8	59
138	The Crown and the Scepter: Roles of the Protein Corona in Nanomedicine. <i>Advanced Materials</i> , 2019, 31, e1805740.	11.1	355
139	Nanoelemental selenium alleviated the mercury load and promoted the formation of high-molecular-weight mercury- and selenium-containing proteins in serum samples from methylmercury-poisoned rats. <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 128-133.	2.9	10
140	The adjuvant effect of C60(OH) ₂₂ nanoparticles promoting both humoral and cellular immune responses to HCV recombinant proteins. <i>Materials Science and Engineering C</i> , 2019, 97, 753-759.	3.8	15
141	Proteomic profiling of RAW264.7 macrophage cells exposed to graphene oxide: insights into acute cellular responses. <i>Nanotoxicology</i> , 2019, 13, 35-49.	1.6	17
142	Photogenerated Charge Carriers in Molybdenum Disulfide Quantum Dots with Enhanced Antibacterial Activity. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 4858-4866.	4.0	97
143	Nanoparticle Ligand Exchange and Its Effects at the Nanoparticle-Cell Membrane Interface. <i>Nano Letters</i> , 2019, 19, 8-18.	4.5	84
144	Intestinal Methylation and Demethylation of Mercury. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 102, 597-604.	1.3	42

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145	Functionalized graphene with Co-ZIF adsorbed borate ions as an effective flame retardant and smoke suppression agent for epoxy resin. <i>Journal of Hazardous Materials</i> , 2019, 363, 138-151.	6.5	199
146	Immobilized Ferrous Ion and Glucose Oxidase on Graphdiyne and Its Application on One-Step Glucose Detection. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 2647-2654.	4.0	86
147	Title is missing!. <i>Chinese Optics Letters</i> , 2019, 17, 062401.	1.3	5
148	Effects of an Interdisciplinary Care Team on the Management of Alzheimer's Disease in China. <i>Journal of Gerontological Nursing</i> , 2019, 45, 39-45.	0.3	5
149	Bactericidal Effects of Silver Nanoparticles on Lactobacilli and the Underlying Mechanism. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 8443-8450.	4.0	165
150	Enhanced anti-tumor efficacy of temozolomide-loaded carboxylated poly(amido-amine) combined with photothermal/photodynamic therapy for melanoma treatment. <i>Cancer Letters</i> , 2018, 423, 16-26.	3.2	33
151	Probing Adsorption Behaviors of BSA onto Chiral Surfaces of Nanoparticles. <i>Small</i> , 2018, 14, e1703982.	5.2	73
152	Influence of gastrointestinal environment on free radical generation of silver nanoparticles and implications for their cytotoxicity. <i>NanoImpact</i> , 2018, 10, 144-152.	2.4	26
153	Graphdiyne Nanosheet-Based Drug Delivery Platform for Photothermal/Chemotherapy Combination Treatment of Cancer. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 8436-8442.	4.0	130
154	Differential Pd-nanocrystal facets demonstrate distinct antibacterial activity against Gram-positive and Gram-negative bacteria. <i>Nature Communications</i> , 2018, 9, 129.	5.8	414
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