

He-You Han

List of Publications by Year in descending order

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141
papers

7,440
citations

41323

49
h-index

62565

80
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141
all docs

141
docs citations

141
times ranked

10340
citing authors

#	ARTICLE	IF	CITATIONS
1	Antiviral Activity of Graphene Oxide: How Sharp Edged Structure and Charge Matter. ACS Applied Materials & Interfaces, 2015, 7, 21571-21579.	4.0	292
2	Dual-pH Sensitive Charge-Reversal Polypeptide Micelles for Tumor-Triggered Targeting Uptake and Nuclear Drug Delivery. Small, 2015, 11, 2543-2554.	5.2	234
3	Gecko-Inspired Nanotentacle Surface-Enhanced Raman Spectroscopy Substrate for Sampling and Reliable Detection of Pesticide Residues in Fruits and Vegetables. Analytical Chemistry, 2017, 89, 2424-2431.	3.2	216
4	Ratiometric Biosensor for Aggregation-Induced Emission-Guided Precise Photodynamic Therapy. ACS Nano, 2015, 9, 10268-10277.	7.3	207
5	Dual-Stage Light-Guided Tumor Inhibition by Mitochondria-Targeted Photodynamic Therapy. Advanced Functional Materials, 2015, 25, 2961-2971.	7.8	205
6	Cauliflower-Inspired 3D SERS Substrate for Multiple Mycotoxins Detection. Analytical Chemistry, 2019, 91, 3885-3892.	3.2	200
7	Multi-walled carbon nanotubes can enhance root elongation of wheat (<i>Triticum aestivum</i>) plants. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	175
8	Multisite Inhibitors for Enteric Coronavirus: Antiviral Cationic Carbon Dots Based on Curcumin. ACS Applied Nano Materials, 2018, 1, 5451-5459.	2.4	165
9	Glutathione-Capped Ag ₂ S Nanoclusters Inhibit Coronavirus Proliferation through Blockage of Viral RNA Synthesis and Budding. ACS Applied Materials & Interfaces, 2018, 10, 4369-4378.	4.0	141
10	From Electrochemistry to Electroluminescence: Development and Application in a Ratiometric Aptasensor for Aflatoxin B1. Analytical Chemistry, 2017, 89, 7578-7585.	3.2	139
11	pH-Responsive, Light-Triggered on-Demand Antibiotic Release from Functional Metal-Organic Framework for Bacterial Infection Combination Therapy. Advanced Functional Materials, 2018, 28, 1800011.	7.8	137
12	Ultrasensitive detection of aflatoxin B 1 by SERS aptasensor based on exonuclease-assisted recycling amplification. Biosensors and Bioelectronics, 2017, 97, 59-64.	5.3	128
13	Graphene Oxide-Silver Nanocomposite: Novel Agricultural Antifungal Agent against <i>Fusarium graminearum</i> for Crop Disease Prevention. ACS Applied Materials & Interfaces, 2016, 8, 24057-24070.	4.0	126
14	Acidity-Triggered Tumor-Targeted Chimeric Peptide for Enhanced Intra-Nuclear Photodynamic Therapy. Advanced Functional Materials, 2016, 26, 4351-4361.	7.8	122
15	A new function of graphene oxide emerges: inactivating phytopathogenic bacterium <i>Xanthomonas oryzae</i> pv. <i>Oryzae</i> . Journal of Nanoparticle Research, 2013, 15, 1.	0.8	120
16	Tumor-Triggered Geometrical Shape Switch of Chimeric Peptide for Enhanced <i>in Vivo</i> Tumor Internalization and Photodynamic Therapy. ACS Nano, 2017, 11, 3178-3188.	7.3	109
17	Carbon-Dot and Quantum-Dot-Coated Dual-Emission Core-Satellite Silica Nanoparticles for Ratiometric Intracellular Cu ²⁺ Imaging. Analytical Chemistry, 2016, 88, 7395-7403.	3.2	108
18	Endogenous stimulus-powered antibiotic release from nanoreactors for a combination therapy of bacterial infections. Nature Communications, 2019, 10, 4464.	5.8	108

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19	A novel method for the determination of Pb ²⁺ based on the quenching of the fluorescence of CdTe quantum dots. <i>Mikrochimica Acta</i> , 2008, 161, 81-86.	2.5	107
20	Synergistic antibacterial effects of curcumin modified silver nanoparticles through ROS-mediated pathways. <i>Materials Science and Engineering C</i> , 2019, 99, 255-263.	3.8	107
21	Synergistic gene and drug tumor therapy using a chimeric peptide. <i>Biomaterials</i> , 2013, 34, 4680-4689.	5.7	105
22	A Tumor Targeted Chimeric Peptide for Synergistic Endosomal Escape and Therapy by Dual-Stage Light Manipulation. <i>Advanced Functional Materials</i> , 2015, 25, 1248-1257.	7.8	103
23	Target-triggered signal-on ratiometric electrochemiluminescence sensing of PSA based on MOF/Au/C-quadruplex. <i>Biosensors and Bioelectronics</i> , 2018, 118, 160-166.	5.3	103
24	Atomic Vacancies Control of Pd-Based Catalysts for Enhanced Electrochemical Performance. <i>Advanced Materials</i> , 2018, 30, 1704171.	11.1	102
25	Metal-organic frameworks-based sensitive electrochemiluminescence biosensing. <i>Biosensors and Bioelectronics</i> , 2020, 164, 112332.	5.3	99
26	Antiviral Activity of Graphene Oxide-Silver Nanocomposites by Preventing Viral Entry and Activation of the Antiviral Innate Immune Response. <i>ACS Applied Bio Materials</i> , 2018, 1, 1286-1293.	2.3	94
27	Construction of surfactant-like tetra-tail amphiphilic peptide with RGD ligand for encapsulation of porphyrin for photodynamic therapy. <i>Biomaterials</i> , 2011, 32, 1678-1684.	5.7	88
28	Interaction between fluorescein isothiocyanate and carbon dots: Inner filter effect and fluorescence resonance energy transfer. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 171, 311-316.	2.0	87
29	Dual stimuli-responsive multi-drug delivery system for the individually controlled release of anti-cancer drugs. <i>Chemical Communications</i> , 2015, 51, 1475-1478.	2.2	85
30	Microbial synthesis of highly dispersed PdAu alloy for enhanced electrocatalysis. <i>Science Advances</i> , 2016, 2, e1600858.	4.7	85
31	Activable Cell-Penetrating Peptide Conjugated Prodrug for Tumor Targeted Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 16061-16069.	4.0	84
32	Electrochemiluminescence nanogears aptasensor based on MIL-53(Fe)@CdS for multiplexed detection of kanamycin and neomycin. <i>Biosensors and Bioelectronics</i> , 2019, 129, 100-106.	5.3	83
33	Electrogenerated chemiluminescence from thiol-capped CdTe quantum dots and its sensing application in aqueous solution. <i>Analytica Chimica Acta</i> , 2007, 596, 73-78.	2.6	81
34	Application of Multiplexed Aptasensors in Food Contaminants Detection. <i>ACS Sensors</i> , 2020, 5, 3721-3738.	4.0	75
35	Design of Gold Hollow Nanorods with Controllable Aspect Ratio for Multimodal Imaging and Combined Chemo-Photothermal Therapy in the Second Near-Infrared Window. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 36703-36710.	4.0	74
36	Targeted Near-Infrared Fluorescent Turn-on Nanoprobe for Activatable Imaging and Effective Phototherapy of Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 15013-15023.	4.0	69

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37	Signal-Amplified Near-Infrared Ratiometric Electrochemiluminescence Aptasensor Based on Multiple Quenching and Enhancement Effect of Graphene/Gold Nanorods/G-Quadruplex. <i>Analytical Chemistry</i> , 2016, 88, 8179-8187.	3.2	67
38	Engineering Nanoparticles for Optimized Photodynamic Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 6342-6354.	2.6	67
39	Precisely Striking Tumors without Adjacent Normal Tissue Damage via Mitochondria-Templated Accumulation. <i>ACS Nano</i> , 2018, 12, 6252-6262.	7.3	65
40	Mitochondria-Targeted Chimeric Peptide for Trinitarian Overcoming of Drug Resistance. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 25060-25068.	4.0	61
41	Photothermally triggered nitric oxide nanogenerator targeting type IV pili for precise therapy of bacterial infections. <i>Biomaterials</i> , 2021, 268, 120588.	5.7	57
42	Miniature Hollow Gold Nanorods with Enhanced Effect for In Vivo Photoacoustic Imaging in the NIR Window. <i>Small</i> , 2020, 16, e2002748.	5.2	56
43	Programmable DNA Tweezer-Actuated SERS Probe for the Sensitive Detection of AFB ₁ . <i>Analytical Chemistry</i> , 2020, 92, 4900-4907.	3.2	56
44	Ultrasensitive SERS detection of <i>Bacillus thuringiensis</i> special gene based on Au@Ag NRs and magnetic beads. <i>Biosensors and Bioelectronics</i> , 2017, 92, 321-327.	5.3	53
45	Enzymatic biosensor of horseradish peroxidase immobilized on Au-Pt nanotube/Au-graphene for the simultaneous determination of antioxidants. <i>Analytica Chimica Acta</i> , 2016, 933, 89-96.	2.6	52
46	Functional peptide-based nanoparticles for photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 25-38.	2.9	52
47	A novel strategy for selective detection of Ag ⁺ based on the red-shift of emission wavelength of quantum dots. <i>Mikrochimica Acta</i> , 2009, 167, 281-287.	2.5	51
48	Enzyme induced molecularly imprinted polymer on SERS substrate for ultrasensitive detection of patulin. <i>Analytica Chimica Acta</i> , 2020, 1101, 111-119.	2.6	51
49	Electrochemiluminescence aptasensor for multiple determination of Hg ²⁺ and Pb ²⁺ ions by using the MIL-53(Al)@CdTe-PEI modified electrode. <i>Analytica Chimica Acta</i> , 2020, 1100, 232-239.	2.6	51
50	Preparation of Mesoporous Nanosized KF/CaO/MgO Catalyst and its Application for Biodiesel Production by Transesterification. <i>Catalysis Letters</i> , 2009, 131, 574-578.	1.4	50
51	Clean Synthesis of an Economical 3D Nanochain Network of PdCu Alloy with Enhanced Electrocatalytic Performance towards Ethanol Oxidation. <i>Chemistry - A European Journal</i> , 2015, 21, 17779-17785.	1.7	50
52	Platinum Dendritic-Flowers Prepared by Tellurium Nanowires Exhibit High Electrocatalytic Activity for Glycerol Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17725-17730.	4.0	50
53	Quantum dots decorated gold nanorod as fluorescent-plasmonic dual-modal contrasts agent for cancer imaging. <i>Biosensors and Bioelectronics</i> , 2015, 74, 16-23.	5.3	50
54	Turn-on near-infrared electrochemiluminescence sensing of thrombin based on resonance energy transfer between CdTe/CdS core small/shell thick quantum dots and gold nanorods. <i>Biosensors and Bioelectronics</i> , 2016, 82, 26-31.	5.3	49

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55	Regulating the oxidation degree of nickel foam: a smart strategy to controllably synthesize active Ni ₃ S ₂ nanorod/nanowire arrays for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2016, 4, 8029-8040.	5.2	48
56	Pt nanozyme for O ₂ self-sufficient, tumor-specific oxidative damage and drug resistance reversal. <i>Nanoscale Horizons</i> , 2019, 4, 1124-1131.	4.1	48
57	Precise Chemodynamic Therapy of Cancer by Trifunctional Bacterium-Based Nanozymes. <i>ACS Nano</i> , 2021, 15, 19321-19333.	7.3	47
58	Structure and properties of cellulose/poly(<i>N</i> -isopropylacrylamide) hydrogels prepared by IPN strategy. <i>Polymers for Advanced Technologies</i> , 2011, 22, 1329-1334.	1.6	45
59	Highly sensitive enzyme-free immunosorbent assay for porcine circovirus type 2 antibody using Au-Pt/SiO ₂ nanocomposites as labels. <i>Biosensors and Bioelectronics</i> , 2016, 82, 177-184.	5.3	45
60	Tumor-triggered transformation of chimeric peptide for dual-stage-amplified magnetic resonance imaging and precise photodynamic therapy. <i>Biomaterials</i> , 2018, 182, 269-278.	5.7	45
61	Selective Thrombosis of Tumor for Enhanced Hypoxia-Activated Prodrug Therapy. <i>Advanced Materials</i> , 2021, 33, e2104504.	11.1	45
62	Au Hollow Nanorods-Chimeric Peptide Nanocarrier for NIR-II Photothermal Therapy and Real-time Apoptosis Imaging for Tumor Theranostics. <i>Theranostics</i> , 2019, 9, 4971-4981.	4.6	44
63	Gastric Acid Powered Nanomotors Release Antibiotics for In Vivo Treatment of <i>Helicobacter pylori</i> Infection. <i>Small</i> , 2021, 17, e2006877.	5.2	44
64	In Situ Nanozyme-Amplified NIR-II Phototheranostics for Tumor-Specific Imaging and Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2103765.	7.8	44
65	Novel Porphyrin Zr Metal-Organic Framework (PCN-224)-Based Ultrastable Electrochemiluminescence System for PEDV Sensing. <i>Analytical Chemistry</i> , 2021, 93, 2090-2096.	3.2	43
66	A novel method for methimazole determination using CdSe quantum dots as fluorescence probes. <i>Mikrochimica Acta</i> , 2009, 165, 195-201.	2.5	41
67	Ultrasmall Peptide-Coated Platinum Nanoparticles for Precise NIR-II Photothermal Therapy by Mitochondrial Targeting. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 39434-39443.	4.0	40
68	Excellent electrochemical performance of nitrogen-enriched hierarchical porous carbon electrodes prepared using nano-CaCO ₃ as template. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 2651-2660.	1.2	38
69	pH-Responsive Nanoscale Coordination Polymer for Efficient Drug Delivery and Real-Time Release Monitoring. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700470.	3.9	36
70	Cancer-targeted functional gold nanoparticles for apoptosis induction and real-time imaging based on FRET. <i>Nanoscale</i> , 2014, 6, 9531.	2.8	35
71	Ru(bpy) ₃ ²⁺ -Silica@Poly-L-lysine-Au as labels for electrochemiluminescence lysozyme aptasensor based on 3D graphene. <i>Biosensors and Bioelectronics</i> , 2018, 106, 50-56.	5.3	34
72	Target triggered self-assembly of Au nanoparticles for amplified detection of <i>Bacillus thuringiensis</i> transgenic sequence using SERS. <i>Biosensors and Bioelectronics</i> , 2014, 62, 196-200.	5.3	33

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73	Versatile Electrochemiluminescence Assays for PEDV Antibody Based on Rolling Circle Amplification and Ru-DNA Nanotags. <i>Analytical Chemistry</i> , 2018, 90, 7415-7421.	3.2	32
74	Pomegranate-Inspired Silica Nanotags Enable Sensitive Dual-Modal Detection of Rabies Virus Nucleoprotein. <i>Analytical Chemistry</i> , 2020, 92, 8802-8809.	3.2	32
75	Dual-Mode Immunosensor for Electrochemiluminescence Resonance Energy Transfer and Electrochemical Detection of Rabies Virus Glycoprotein Based on Ru(bpy) ₃ ²⁺ -Loaded Dendritic Mesoporous Silica Nanoparticles. <i>Analytical Chemistry</i> , 2022, 94, 7655-7664.	3.2	32
76	Tumor targeted gold nanoparticles for FRET-based tumor imaging and light responsive on-demand drug release. <i>Journal of Materials Chemistry B</i> , 2015, 3, 8065-8069.	2.9	30
77	Controlled Synthesis of Au-Island-Covered Pd Nanotubes with Abundant Heterojunction Interfaces for Enhanced Electrooxidation of Alcohol. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 12792-12797.	4.0	30
78	Intracellular Ca ²⁺ Cascade Guided by NIR-II Photothermal Switch for Specific Tumor Therapy. <i>IScience</i> , 2020, 23, 101049.	1.9	30
79	Theranostic magnetic nanoparticles for efficient capture and in situ chemotherapy of circulating tumor cells. <i>Journal of Materials Chemistry B</i> , 2013, 1, 3344.	2.9	29
80	Spiny-porous platinum nanotubes with enhanced electrocatalytic activity for methanol oxidation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 1388-1391.	5.2	29
81	Fabrication of Bis-Quaternary Ammonium Salt as an Efficient Bactericidal Weapon Against <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> . <i>ACS Omega</i> , 2018, 3, 14517-14525.	1.6	29
82	Disruption of dual homeostasis by a metal-organic framework nanoreactor for ferroptosis-based immunotherapy of tumor. <i>Biomaterials</i> , 2022, 284, 121502.	5.7	29
83	Recent advances in the use of near-infrared quantum dots as optical probes for bioanalytical, imaging and solar cell application. <i>Mikrochimica Acta</i> , 2014, 181, 1485-1495.	2.5	27
84	Acidity-Triggered Tumor Retention/Internalization of Chimeric Peptide for Enhanced Photodynamic Therapy and Real-Time Monitoring of Therapeutic Effects. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 16043-16053.	4.0	27
85	Activation of TRPV1 by capsaicin-loaded CaCO ₃ nanoparticle for tumor-specific therapy. <i>Biomaterials</i> , 2022, 284, 121520.	5.7	27
86	Inhibition of Porcine Epidemic Diarrhea Virus Replication and Viral 3C-Like Protease by Quercetin. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8095.	1.8	26
87	Synthesis of p-aminothiophenol-embedded gold/silver core-shell nanostructures as novel SERS tags for biosensing applications. <i>Mikrochimica Acta</i> , 2011, 173, 149-156.	2.5	25
88	Probing the interactions of CdTe quantum dots with pseudorabies virus. <i>Scientific Reports</i> , 2015, 5, 16403.	1.6	25
89	Reasonably retard O ₂ consumption through a photoactivity conversion nanocomposite for oxygenated photodynamic therapy. <i>Biomaterials</i> , 2019, 218, 119312.	5.7	24
90	Bacteria Inspired Internal Standard SERS Substrate for Quantitative Detection. <i>ACS Applied Bio Materials</i> , 2021, 4, 2009-2019.	2.3	24

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91	Hydrogen-bonding recognition-induced aggregation of gold nanoparticles for the determination of the migration of melamine monomers using dynamic light scattering. <i>Analytica Chimica Acta</i> , 2014, 845, 92-97.	2.6	23
92	Enhanced immunoassay for porcine circovirus type 2 antibody using enzyme-loaded and quantum dots-embedded shellâ€‘core silica nanospheres based on enzyme-linked immunosorbent assay. <i>Analytica Chimica Acta</i> , 2015, 887, 192-200.	2.6	23
93	Cellular hnRNP A1 Interacts with Nucleocapsid Protein of Porcine Epidemic Diarrhea Virus and Impairs Viral Replication. <i>Viruses</i> , 2018, 10, 127.	1.5	23
94	Nucleobase, nucleoside, nucleotide, and oligonucleotide coordinated metal ions for sensing and biomedicine applications. <i>Nano Research</i> , 2022, 15, 71-84.	5.8	22
95	Bioreducible Polypeptide Containing Cell-Penetrating Sequence for Efficient Gene Delivery. <i>Pharmaceutical Research</i> , 2013, 30, 1968-1978.	1.7	21
96	A FRETâ€‘Based Dualâ€‘Targeting Theranostic Chimeric Peptide for Tumor Therapy and Realâ€‘time Apoptosis Imaging. <i>Advanced Healthcare Materials</i> , 2014, 3, 1765-1768.	3.9	21
97	Catalytic hairpin assembly-assisted lateral flow assay for visual determination of microRNA-21 using gold nanoparticles. <i>Mikrochimica Acta</i> , 2019, 186, 661.	2.5	20
98	Nickel-Ion-Oriented Fabrication of Spiny PtCu Alloy Octahedral Nanoframes with Enhanced Electrocatalytic Performance. <i>ACS Applied Energy Materials</i> , 2019, 2, 2862-2869.	2.5	19
99	Binding induced isothermal amplification reaction to activate CRISPR/Cas12a for amplified electrochemiluminescence detection of rabies viral RNA via DNA nanotweezer structure switching. <i>Biosensors and Bioelectronics</i> , 2022, 204, 114078.	5.3	19
100	Cobalt ferrite nanozyme for efficient symbiotic nitrogen fixation via regulating reactive oxygen metabolism. <i>Environmental Science: Nano</i> , 2021, 8, 188-203.	2.2	18
101	Tea Polyphenol Liposomes Overcome Gastric Mucus to Treat Helicobacter Pylori Infection and Enhance the Intestinal Microenvironment. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 13001-13012.	4.0	18
102	Synthesis of multi-branched gold nanoparticles by reduction of tetrachloroauric acid with Tris base, and their application to SERS and cellular imaging. <i>Mikrochimica Acta</i> , 2011, 175, 55-61.	2.5	17
103	A SERS-based immunoassay for porcine circovirus type 2 using multi-branched gold nanoparticles. <i>Mikrochimica Acta</i> , 2013, 180, 1501-1507.	2.5	17
104	A Chimeric Peptide Logic Gate for Orthogonal Stimuliâ€‘Triggered Precise Tumor Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1804609.	7.8	17
105	Reduction-sensitive polypeptides incorporated with nuclear localization signal sequences for enhanced gene delivery. <i>Journal of Materials Chemistry</i> , 2012, 22, 13591.	6.7	16
106	The synergistic effect of a BMP-7 derived peptide and cyclic RGD in regulating differentiation behaviours of mesenchymal stem cells. <i>Journal of Materials Chemistry B</i> , 2014, 2, 8434-8440.	2.9	16
107	Toxicity of Molybdenum-Based Nanomaterials on the Soybeanâ€‘Rhizobia Symbiotic System: Implications for Nutrition. <i>ACS Applied Nano Materials</i> , 2020, 3, 5773-5782.	2.4	16
108	An intelligent platform based on acidity-triggered aggregation of gold nanoparticles for precise photothermal ablation of focal bacterial infection. <i>Chemical Engineering Journal</i> , 2021, 407, 127076.	6.6	16

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109	A novel method for the analysis of calf thymus DNA based on CdTe quantum dots-Ru(bpy) ₃ ²⁺ photoinduced electron transfer system. <i>Mikrochimica Acta</i> , 2010, 168, 341-345.	2.5	15
110	Investigation the interaction between protamine sulfate and CdTe quantum dots with spectroscopic techniques. <i>RSC Advances</i> , 2016, 6, 10215-10220.	1.7	15
111	One-step synthesis of high-quality homogenous Te/Se alloy nanorods with various morphologies. <i>CrystEngComm</i> , 2015, 17, 3243-3250.	1.3	14
112	Robust Synthesis of Size-Dispersal Triangular Silver Nanoprisms via Chemical Reduction Route and Their Cytotoxicity. <i>Nanomaterials</i> , 2019, 9, 674.	1.9	14
113	DNA Nanotweezers for Biosensing Applications: Recent Advances and Future Prospects. <i>ACS Sensors</i> , 2022, 7, 3-20.	4.0	14
114	Interactions between Water-soluble CdSe Quantum Dots and Gold Nanoparticles Studied by UV-Visible Absorption Spectroscopy. <i>Analytical Sciences</i> , 2007, 23, 651-654.	0.8	12
115	A Novel Ratiometric Probe Based on Nitrogen-Doped Carbon Dots and Rhodamine B Isothiocyanate for Detection of Fe ³⁺ in Aqueous Solution. <i>Journal of Analytical Methods in Chemistry</i> , 2016, 1-7.	0.7	12
116	Steric shielding protected and acidity-activated pop-up of ligand for tumor enhanced photodynamic therapy. <i>Journal of Controlled Release</i> , 2018, 279, 198-207.	4.8	12
117	Amorphous nickel boride membrane coated PdCuCo dendrites as high-efficiency catalyst for oxygen reduction and methanol oxidation reaction. <i>Materials Today Energy</i> , 2019, 12, 179-185.	2.5	12
118	Development of A Super-Sensitive Diagnostic Method for African Swine Fever Using CRISPR Techniques. <i>Virologica Sinica</i> , 2021, 36, 220-230.	1.2	12
119	Novel gene transfer vectors based on artificial recombinant multi-functional oligopeptides. <i>International Journal of Pharmaceutics</i> , 2012, 436, 555-563.	2.6	11
120	Photo-Activatable Substrates for Site-Specific Differentiation of Stem Cells. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 23679-23684.	4.0	11
121	Self-assembly of Pt-based truncated octahedral crystals into metal-frameworks towards enhanced electrocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2016, 4, 15169-15180.	5.2	11
122	Preparation of Modified Konjac Glucomannan Nanoparticles and their Application as Vaccine Adjuvants to Promote Ovalbumin-Induced Immune Response in Mice. <i>Pharmaceutical Research</i> , 2018, 35, 105.	1.7	11
123	Early diagnosis of rabies virus infection by RPA-CRISPR techniques in a rat model. <i>Archives of Virology</i> , 2021, 166, 1083-1092.	0.9	10
124	Near-infrared electrogenerated chemiluminescence from quantum dots. <i>Reviews in Analytical Chemistry</i> , 2013, 32, .	1.5	9
125	Synthesis of Tellurium Fusiform Nanoarchitectures by Controlled Living Nanowire Modification. <i>Journal of Physical Chemistry C</i> , 2016, 120, 12305-12312.	1.5	9
126	Pd@Pt Core-Shell Nanodots Arrays for Efficient Electrocatalytic Oxygen Reduction. <i>ACS Applied Nano Materials</i> , 2019, 2, 3695-3700.	2.4	9

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127	An aqueous platinum nanotube based fluorescent immuno-assay for porcine reproductive and respiratory syndrome virus detection. <i>Talanta</i> , 2015, 144, 324-328.	2.9	7
128	Sensitive immunoassay for porcine pseudorabies antibody based on fluorescence signal amplification induced by cation exchange in CdSe nanocrystals. <i>Mikrochimica Acta</i> , 2013, 180, 303-310.	2.5	6
129	Intravital imaging of <i>Bacillus thuringiensis</i> Cry1A toxin binding sites in the midgut of silkworm. <i>Analytical Biochemistry</i> , 2014, 447, 90-97.	1.1	6
130	Evaluation of Biological Toxicity of CdTe Quantum Dots with Different Coating Reagents according to Protein Expression of Engineering <i>Escherichia coli</i> . <i>Journal of Nanomaterials</i> , 2015, 2015, 1-7.	1.5	6
131	A New Type of Capping Agent in Nanoscience: Metal Cations. <i>Small</i> , 2019, 15, 1900444.	5.2	6
132	Biogenic Hybrid Nanosheets Activated Photothermal Therapy and Promoted Anti-PD-L1 Efficacy for Synergetic Antitumor Strategy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 29122-29132.	4.0	6
133	Sequential assembled chimeric peptide for precise synergistic phototherapy and photoacoustic imaging of tumor apoptosis. <i>Chemical Engineering Journal</i> , 2022, 427, 130775.	6.6	6
134	A spatial and cellular distribution of rabies virus infection in the mouse brain revealed by fMOST and single-cell RNA sequencing. <i>Clinical and Translational Medicine</i> , 2022, 12, e700.	1.7	6
135	Pd-Au heterostructured nanonecklaces with adjustable interval and size as a superior catalyst for degradation of 4-nitrophenol. <i>CrystEngComm</i> , 2017, 19, 5686-5691.	1.3	5
136	Multifunctional Nanosystems with Enhanced Cellular Uptake for Tumor Therapy. <i>Advanced Healthcare Materials</i> , 2022, 11, e2101703.	3.9	5
137	Novel approach to enhance <i>Bradyrhizobium diazoefficiens</i> nodulation through continuous induction of ROS by manganese ferrite nanomaterials in soybean. <i>Journal of Nanobiotechnology</i> , 2022, 20, 168.	4.2	5
138	Two-dimensional colloidal crystal assisted formation of conductive porous gold films with flexible structural controllability. <i>Journal of Colloid and Interface Science</i> , 2015, 437, 291-296.	5.0	4
139	Time-resolved fluorescent microsphere lateral flow biosensors for rapid detection of <i>Candidatus Liberibacter asiaticus</i> . <i>Plant Biotechnology Journal</i> , 2022, 20, 1235-1237.	4.1	4
140	Cancer Treatment: Dual-Stage-Light-Guided Tumor Inhibition by Mitochondria-Targeted Photodynamic Therapy (Adv. Funct. Mater. 20/2015). <i>Advanced Functional Materials</i> , 2015, 25, 2942-2942.	7.8	0
141	Light-Induced Caspase-3-Responsive Chimeric Peptide for Effective PDT/Chemo Combination Therapy with Good Compatibility. <i>ACS Applied Bio Materials</i> , 2020, 3, 2392-2400.	2.3	0