

Heyou Han

List of Publications by Year in descending order

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221
papers

11,885
citations

25034

57
h-index

37204

96
g-index

225
all docs

225
docs citations

225
times ranked

15048
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequential assembled chimeric peptide for precise synergistic phototherapy and photoacoustic imaging of tumor apoptosis. <i>Chemical Engineering Journal</i> , 2022, 427, 130775.	12.7	6
2	Multifunctional Nanosystems with Enhanced Cellular Uptake for Tumor Therapy. <i>Advanced Healthcare Materials</i> , 2022, 11, e2101703.	7.6	5
3	DNA Nanotweezers for Biosensing Applications: Recent Advances and Future Prospects. <i>ACS Sensors</i> , 2022, 7, 3-20.	7.8	14
4	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.	10.1	19
5	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.	9.1	5
6	Tea Polyphenol Liposomes Overcome Gastric Mucus to Treat <i>Helicobacter Pylori</i> Infection and Enhance the Intestinal Microenvironment. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 13001-13012.	8.0	18
7	Disruption of dual homeostasis by a metal-organic framework nanoreactor for ferroptosis-based immunotherapy of tumor. <i>Biomaterials</i> , 2022, 284, 121502.	11.4	29
8	NIR-activated multi-hit therapeutic Ag ₂ S quantum dot-based hydrogel for healing of bacteria-infected wounds. <i>Acta Biomaterialia</i> , 2022, 145, 88-105.	8.3	27
9	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.	8.3	4
10	Activation of TRPV1 by capsaicin-loaded CaCO ₃ nanoparticle for tumor-specific therapy. <i>Biomaterials</i> , 2022, 284, 121520.	11.4	27
11	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.	6.5	32
12	Van-mediated self-aggregating photothermal agents combined with multifunctional magnetic nickel oxide nanoparticles for precise elimination of bacterial infections. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	9.1	7
13	Bacteria Inspired Internal Standard SERS Substrate for Quantitative Detection. <i>ACS Applied Bio Materials</i> , 2021, 4, 2009-2019.	4.6	24
14	Photothermally triggered nitric oxide nanogenerator targeting type IV pili for precise therapy of bacterial infections. <i>Biomaterials</i> , 2021, 268, 120588.	11.4	57
15	Silica-based nanoenzymes for rapid and ultrasensitive detection of mercury ions. <i>Sensors and Actuators B: Chemical</i> , 2021, 330, 129304.	7.8	21
16	Cobalt ferrite nanozyme for efficient symbiotic nitrogen fixation via regulating reactive oxygen metabolism. <i>Environmental Science: Nano</i> , 2021, 8, 188-203.	4.3	18
17	A portable SERS reader coupled with catalytic hairpin assembly for sensitive microRNA-21 lateral flow sensing. <i>Analyst</i> , The, 2021, 146, 848-854.	3.5	20
18	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.	12.7	16

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19	A novel signal amplified electrochemiluminescence biosensor based on MIL-53(Al)@CdS QDs and SiO ₂ @AuNPs for trichlorfon detection. <i>Analyst</i> , The, 2021, 146, 1295-1302.	3.5	11
20	Novel Porphyrin Zr Metal-Organic Framework (PCN-224)-Based Ultrastable Electrochemiluminescence System for PEDV Sensing. <i>Analytical Chemistry</i> , 2021, 93, 2090-2096.	6.5	43
21	Gastric Acid Powered Nanomotors Release Antibiotics for In Vivo Treatment of <i>Helicobacter pylori</i> Infection. <i>Small</i> , 2021, 17, e2006877.	10.0	44
22	Aptamer and RVG functionalized gold nanorods for targeted photothermal therapy of neurotropic virus infection in the mouse brain. <i>Chemical Engineering Journal</i> , 2021, 411, 128557.	12.7	27
23	In Situ Nanozyme-Amplified NIR-II Phototheranostics for Tumor-Specific Imaging and Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2103765.	14.9	44
24	Precise Chemodynamic Therapy of Cancer by Trifunctional Bacterium-Based Nanozymes. <i>ACS Nano</i> , 2021, 15, 19321-19333.	14.6	47
25	Ultrasensitive evaluation of Ribonuclease H activity using a DNAzyme-powered on-particle DNA walker. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127380.	7.8	13
26	Enzyme induced molecularly imprinted polymer on SERS substrate for ultrasensitive detection of patulin. <i>Analytica Chimica Acta</i> , 2020, 1101, 111-119.	5.4	51
27	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.	5.4	51
28	Ultrasmall Peptide-Coated Platinum Nanoparticles for Precise NIR-II Photothermal Therapy by Mitochondrial Targeting. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 39434-39443.	8.0	40
29	Miniature Hollow Gold Nanorods with Enhanced Effect for In Vivo Photoacoustic Imaging in the NIR-II Window. <i>Small</i> , 2020, 16, e2002748.	10.0	56
30	Kanamycin Adsorption on Gold Nanoparticles Dominates Its Label-Free Colorimetric Sensing with Its Aptamer. <i>Langmuir</i> , 2020, 36, 11490-11498.	3.5	42
31	Application of Multiplexed Aptasensors in Food Contaminants Detection. <i>ACS Sensors</i> , 2020, 5, 3721-3738.	7.8	75
32	Toxicity of Molybdenum-Based Nanomaterials on the Soybean-Rhizobia Symbiotic System: Implications for Nutrition. <i>ACS Applied Nano Materials</i> , 2020, 3, 5773-5782.	5.0	16
33	Metal-organic frameworks-based sensitive electrochemiluminescence biosensing. <i>Biosensors and Bioelectronics</i> , 2020, 164, 112332.	10.1	99
34	Pomegranate-Inspired Silica Nanotags Enable Sensitive Dual-Modal Detection of Rabies Virus Nucleoprotein. <i>Analytical Chemistry</i> , 2020, 92, 8802-8809.	6.5	32
35	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.	8.0	6
36	Programmable DNA Tweezer-Actuated SERS Probe for the Sensitive Detection of AFB ₁ . <i>Analytical Chemistry</i> , 2020, 92, 4900-4907.	6.5	56

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37	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.	4.6	0
38	Assembling PVP-Au NPs as portable chip for sensitive detection of cyanide with surface-enhanced Raman spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 2863-2871.	3.7	11
39	Intracellular Ca ²⁺ Cascade Guided by NIR-II Photothermal Switch for Specific Tumor Therapy. <i>IScience</i> , 2020, 23, 101049.	4.1	30
40	Bioapplications of DNA nanotechnology at the solid-liquid interface. <i>Chemical Society Reviews</i> , 2019, 48, 4892-4920.	38.1	68
41	One Stone with Two Birds: Functional Gold Nanostar for Targeted Combination Therapy of Drug-Resistant <i>Staphylococcus aureus</i> Infection. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 32659-32669.	8.0	54
42	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.	10.0	44
43	Nitrogen-Doped Carbon Quantum Dots for Preventing Biofilm Formation and Eradicating Drug-Resistant Bacteria Infection. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 4739-4749.	5.2	58
44	Nitrogen-doped graphene quantum dots doped silica nanoparticles as enhancers for electrochemiluminescence thrombin aptasensors based on 3D graphene. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 2579-2588.	2.5	6
45	Catalytic hairpin assembly-assisted lateral flow assay for visual determination of microRNA-21 using gold nanoparticles. <i>Mikrochimica Acta</i> , 2019, 186, 661.	5.0	20
46	Endogenous stimulus-powered antibiotic release from nanoreactors for a combination therapy of bacterial infections. <i>Nature Communications</i> , 2019, 10, 4464.	12.8	108
47	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.	4.7	12
48	Synergistic antibacterial effects of curcumin modified silver nanoparticles through ROS-mediated pathways. <i>Materials Science and Engineering C</i> , 2019, 99, 255-263.	7.3	107
49	Reasonably retard O ₂ consumption through a photoactivity conversion nanocomposite for oxygenated photodynamic therapy. <i>Biomaterials</i> , 2019, 218, 119312.	11.4	24
50	Robust Synthesis of Size-Dispersal Triangular Silver Nanoprisms via Chemical Reduction Route and Their Cytotoxicity. <i>Nanomaterials</i> , 2019, 9, 674.	4.1	14
51	Pd@Pt Core-Shell Nanodots Arrays for Efficient Electrocatalytic Oxygen Reduction. <i>ACS Applied Nano Materials</i> , 2019, 2, 3695-3700.	5.0	9
52	Nickel-Ion-Oriented Fabrication of Spiny PtCu Alloy Octahedral Nanoframes with Enhanced Electrocatalytic Performance. <i>ACS Applied Energy Materials</i> , 2019, 2, 2862-2869.	5.1	19
53	Pt nanozyme for O ₂ self-sufficient, tumor-specific oxidative damage and drug resistance reversal. <i>Nanoscale Horizons</i> , 2019, 4, 1124-1131.	8.0	48
54	A New Type of Capping Agent in Nanoscience: Metal Cations. <i>Small</i> , 2019, 15, 1900444.	10.0	6

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55	Cauliflower-Inspired 3D SERS Substrate for Multiple Mycotoxins Detection. <i>Analytical Chemistry</i> , 2019, 91, 3885-3892.	6.5	200
56	Biomimetic Mineralization-Based CRISPR/Cas9 Ribonucleoprotein Nanoparticles for Gene Editing. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 47762-47770.	8.0	14
57	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.	10.1	83
58	pH-Responsive, Light-Triggered on-Demand Antibiotic Release from Functional Metal-Organic Framework for Bacterial Infection Combination Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1800011.	14.9	137
59	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.	9.9	12
60	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.	10.1	34
61	Glutathione-Capped Ag ₂ S Nanoclusters Inhibit Coronavirus Proliferation through Blockage of Viral RNA Synthesis and Budding. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4369-4378.	8.0	141
62	Sensitive detection of melamine by an electrochemiluminescence sensor based on tris(bipyridine)ruthenium(II)-functionalized metal-organic frameworks. <i>Sensors and Actuators B: Chemical</i> , 2018, 265, 378-386.	7.8	60
63	Ratiometric fluorescence sensor for the sensitive detection of <i>Bacillus thuringiensis</i> transgenic sequence based on silica coated supermagnetic nanoparticles and quantum dots. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 206-213.	7.8	22
64	Functional peptide-based nanoparticles for photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 25-38.	5.8	52
65	Atomic Vacancies Control of Pd-Based Catalysts for Enhanced Electrochemical Performance. <i>Advanced Materials</i> , 2018, 30, 1704171.	21.0	102
66	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.	8.0	74
67	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.	4.6	94
68	A Chimeric Peptide Logic Gate for Orthogonal Stimuli-Triggered Precise Tumor Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1804609.	14.9	17
69	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.	3.5	29
70	Multisite Inhibitors for Enteric Coronavirus: Antiviral Cationic Carbon Dots Based on Curcumin. <i>ACS Applied Nano Materials</i> , 2018, 1, 5451-5459.	5.0	165
71	Versatile Electrochemiluminescence Assays for PEDV Antibody Based on Rolling Circle Amplification and Ru-DNA Nanotags. <i>Analytical Chemistry</i> , 2018, 90, 7415-7421.	6.5	32
72	Precisely Striking Tumors without Adjacent Normal Tissue Damage via Mitochondria-Templated Accumulation. <i>ACS Nano</i> , 2018, 12, 6252-6262.	14.6	65

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73	A cyclic catalysis enhanced electrochemiluminescence aptasensor based 3D graphene/photocatalysts Cu ₂ O-MWCNTs. <i>Electrochimica Acta</i> , 2018, 282, 672-679.	5.2	23
74	A sensitive label-free FRET probe for glutathione based on CdSe/ZnS quantum dots and MnO ₂ nanosheets. <i>Analytical Methods</i> , 2018, 10, 4170-4177.	2.7	29
75	Cellular hnRNP A1 Interacts with Nucleocapsid Protein of Porcine Epidemic Diarrhea Virus and Impairs Viral Replication. <i>Viruses</i> , 2018, 10, 127.	3.3	23
76	Target-triggered signal-on ratiometric electrochemiluminescence sensing of PSA based on MOF/Au/G-quadruplex. <i>Biosensors and Bioelectronics</i> , 2018, 118, 160-166.	10.1	103
77	Tumor-triggered transformation of chimeric peptide for dual-stage-amplified magnetic resonance imaging and precise photodynamic therapy. <i>Biomaterials</i> , 2018, 182, 269-278.	11.4	45
78	Surface-imprinted SiO ₂ @Ag nanoparticles for the selective detection of BPA using surface enhanced Raman scattering. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 566-573.	7.8	69
79	Gecko-Inspired Nanotentacle Surface-Enhanced Raman Spectroscopy Substrate for Sampling and Reliable Detection of Pesticide Residues in Fruits and Vegetables. <i>Analytical Chemistry</i> , 2017, 89, 2424-2431.	6.5	216
80	Direct reduction of H ₂ AuCl ₄ for the visual detection of intracellular hydrogen peroxide based on Au-Pt/SiO ₂ nanospheres. <i>Sensors and Actuators B: Chemical</i> , 2017, 248, 367-373.	7.8	23
81	Graphene Oxide as a Stabilizer for "Clean" Synthesis of High-Performance Pd-Based Nanotubes Electro-catalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 5191-5199.	6.7	11
82	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.	8.0	27
83	Novel impacts of functionalized multi-walled carbon nanotubes in plants: promotion of nodulation and nitrogenase activity in the rhizobium-legume system. <i>Nanoscale</i> , 2017, 9, 9921-9937.	5.6	49
84	From Electrochemistry to Electroluminescence: Development and Application in a Ratiometric Aptasensor for Aflatoxin B ₁ . <i>Analytical Chemistry</i> , 2017, 89, 7578-7585.	6.5	139
85	Ultrasensitive detection of aflatoxin B ₁ by SERS aptasensor based on exonuclease-assisted recycling amplification. <i>Biosensors and Bioelectronics</i> , 2017, 97, 59-64.	10.1	128
86	Tumor-Triggered Geometrical Shape Switch of Chimeric Peptide for Enhanced <i>in Vivo</i> Tumor Internalization and Photodynamic Therapy. <i>ACS Nano</i> , 2017, 11, 3178-3188.	14.6	109
87	Ammonia Mediated One-Step Synthesis of Three-Dimensional Porous Pt ₁₀₀ Cu ₁₀₀ Nanochain Networks with Enhanced Electrocatalytic Activity toward Polyhydric Alcohol Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 11086-11095.	6.7	28
88	Antibacterial Activity of Graphene Oxide/g-C ₃ N ₄ Composite through Photocatalytic Disinfection under Visible Light. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 8693-8701.	6.7	224
89	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.	2.6	5
90	Innentitelbild: Mineralized State of the Avian Influenza Virus in the Environment (<i>Angew. Chem.</i>) Tj ETQq0 0 0 rgBT/Qverlock_10 Tf 50 6	2.0	0

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91	Mineralized State of the Avian Influenza Virus in the Environment. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12908-12912.	13.8	21
92	Mineralized State of the Avian Influenza Virus in the Environment. <i>Angewandte Chemie</i> , 2017, 129, 13088-13092.	2.0	2
93	pH-Responsive Nanoscale Coordination Polymer for Efficient Drug Delivery and Real-Time Release Monitoring. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700470.	7.6	36
94	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.	10.1	53
95	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.	3.9	87
96	Near-infrared electrochemiluminescence biosensor for high sensitive detection of porcine reproductive and respiratory syndrome virus based on cyclodextrin-grafted porous Au/PtAu nanotube. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 586-594.	7.8	22
97	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.	1.6	12
98	Platinum-based nitrogen-doped porous C _x N _{1-x} compounds used as a transducer for sensitive detection of hydrogen peroxide. <i>Electrochimica Acta</i> , 2016, 209, 661-670.	5.2	5
99	Synthesis of Tellurium Fusiform Nanoarchitectures by Controlled Living Nanowire Modification. <i>Journal of Physical Chemistry C</i> , 2016, 120, 12305-12312.	3.1	9
100	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.	10.3	48
101	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.	10.1	45
102	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.	8.0	30
103	Mitochondria-Targeted Chimeric Peptide for Trinitarian Overcoming of Drug Resistance. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 25060-25068.	8.0	61
104	Carbon dots as inhibitors of virus by activation of type I interferon response. <i>Carbon</i> , 2016, 110, 278-285.	10.3	121
105	Graphene Oxide-Silver Nanocomposite: Novel Agricultural Antifungal Agent against <i>Fusarium graminearum</i> for Crop Disease Prevention. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 24057-24070.	8.0	126
106	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.	10.3	11
107	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.	6.5	67
108	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.	5.4	52

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109	Microbial synthesis of highly dispersed PdAu alloy for enhanced electrocatalysis. <i>Science Advances</i> , 2016, 2, e1600858.	10.3	85
110	Folic Acid-Targeted and Cell Penetrating Peptide-Mediated Theranostic Nanoplatforam for High-Efficiency Tri-Modal Imaging-Guided Synergistic Anticancer Phototherapy. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 878-893.	1.1	19
111	Carbon-Dot and Quantum-Dot-Coated Dual-Emission Core-Satellite Silica Nanoparticles for Ratiometric Intracellular Cu ²⁺ Imaging. <i>Analytical Chemistry</i> , 2016, 88, 7395-7403.	6.5	108
112	Acidity-Triggered Tumor-Targeted Chimeric Peptide for Enhanced Intra-Nuclear Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2016, 26, 4351-4361.	14.9	122
113	Vaccine Engineering with Dual-Functional Mineral Shell: A Promising Strategy to Overcome Preexisting Immunity. <i>Advanced Materials</i> , 2016, 28, 694-700.	21.0	46
114	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.	8.0	69
115	Investigation the interaction between protamine sulfate and CdTe quantum dots with spectroscopic techniques. <i>RSC Advances</i> , 2016, 6, 10215-10220.	3.6	15
116	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.	10.1	49
117	Intracellular delivery of biomineralized monoclonal antibodies to combat viral infection. <i>Chemical Communications</i> , 2016, 52, 1879-1882.	4.1	12
118	Probing the interactions of CdTe quantum dots with pseudorabies virus. <i>Scientific Reports</i> , 2015, 5, 16403.	3.3	25
119	Facile Synthesis of Quasi-One-Dimensional Au/PtAu Heterojunction Nanotubes and Their Application as Catalysts in an Oxygen-Reduction Reaction. <i>Chemistry - A European Journal</i> , 2015, 21, 7556-7561.	3.3	12
120	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.	3.3	50
121	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.	2.7	6
122	Platinum Dendritic-Flowers Prepared by Tellurium Nanowires Exhibit High Electrocatalytic Activity for Glycerol Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17725-17730.	8.0	50
123	An aqueous platinum nanotube based fluorescent immuno-assay for porcine reproductive and respiratory syndrome virus detection. <i>Talanta</i> , 2015, 144, 324-328.	5.5	7
124	Quantum dots decorated gold nanorod as fluorescent-plasmonic dual-modal contrasts agent for cancer imaging. <i>Biosensors and Bioelectronics</i> , 2015, 74, 16-23.	10.1	50
125	One-step synthesis of high-quality homogenous Te/Se alloy nanorods with various morphologies. <i>CrystEngComm</i> , 2015, 17, 3243-3250.	2.6	14
126	Antiviral Activity of Graphene Oxide: How Sharp Edged Structure and Charge Matter. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 21571-21579.	8.0	292

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127	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.	5.4	23
128	Universal chitosan-assisted synthesis of Ag-including heterostructured nanocrystals for label-free in situ SERS monitoring. <i>Nanoscale</i> , 2015, 7, 18878-18882.	5.6	13
129	Spiny-porous platinum nanotubes with enhanced electrocatalytic activity for methanol oxidation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 1388-1391.	10.3	29
130	Synthesis of functionalized 3D porous graphene using both ionic liquid and SiO ₂ spheres as â€‘spacersâ€‘ for high-performance application in supercapacitors. <i>Nanoscale</i> , 2015, 7, 659-669.	5.6	53
131	Microwave-assisted synthesis of high-quality CdTe/CdS@ZnSâ€‘SiO ₂ near-infrared-emitting quantum dots and their applications in Hg ²⁺ sensing and imaging. <i>Sensors and Actuators B: Chemical</i> , 2015, 207, 74-82.	7.8	26
132	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.	9.4	4
133	Virus Capture and Destruction by Labelâ€‘Free Graphene Oxide for Detection and Disinfection Applications. <i>Small</i> , 2015, 11, 1171-1176.	10.0	113
134	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.	5.0	27
135	Graphene oxide exhibits broad-spectrum antimicrobial activity against bacterial phytopathogens and fungal conidia by intertwining and membrane perturbation. <i>Nanoscale</i> , 2014, 6, 1879-1889.	5.6	504
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