

# He-You Han

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

137  
papers

5,214  
citations

42  
h-index

67  
g-index

141  
ext. papers

6,309  
ext. citations

8.8  
avg, IF

6.09  
L-index

#	Paper	IF	Citations
137	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> , <b>2022</b> , 12, e700	5.7	0
136	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> , <b>2022</b> , 204, 114078	11.8	3
135	Nucleobase, nucleoside, nucleotide, and oligonucleotide coordinated metal ions for sensing and biomedicine applications. <i>Nano Research</i> , <b>2022</b> , 15, 71	10	3
134	Sequential assembled chimeric peptide for precise synergistic phototherapy and photoacoustic imaging of tumor apoptosis. <i>Chemical Engineering Journal</i> , <b>2022</b> , 427, 130775	14.7	2
133	Novel approach to enhance Bradyrhizobium diazoefficiens nodulation through continuous induction of ROS by manganese ferrite nanomaterials in soybean.. <i>Journal of Nanobiotechnology</i> , <b>2022</b> , 20, 168	9.4	0
132	Disruption of dual homeostasis by a metal-organic framework nanoreactor for ferroptosis-based immunotherapy of tumor.. <i>Biomaterials</i> , <b>2022</b> , 284, 121502	15.6	3
131	Activation of TRPV1 by capsaicin-loaded CaCO nanoparticle for tumor-specific therapy.. <i>Biomaterials</i> , <b>2022</b> , 284, 121520	15.6	3
130	Precise Chemodynamic Therapy of Cancer by Trifunctional Bacterium-Based Nanozymes. <i>ACS Nano</i> , <b>2021</b> ,	16.7	7
129	Multifunctional Nanosystems with Enhanced Cellular Uptake for Tumor Therapy. <i>Advanced Healthcare Materials</i> , <b>2021</b> , e2101703	10.1	0
128	In Situ Nanozyme-Amplified NIR-II Phototheranostics for Tumor-Specific Imaging and Therapy. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2103765	15.6	9
127	Bacteria Inspired Internal Standard SERS Substrate for Quantitative Detection.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 2009-2019	4.1	15
126	Photothermally triggered nitric oxide nanogenerator targeting type IV pili for precise therapy of bacterial infections. <i>Biomaterials</i> , <b>2021</b> , 268, 120588	15.6	23
125	Cobalt ferrite nanozyme for efficient symbiotic nitrogen fixation via regulating reactive oxygen metabolism. <i>Environmental Science: Nano</i> , <b>2021</b> , 8, 188-203	7.1	7
124	An intelligent platform based on acidity-triggered aggregation of gold nanoparticles for precise photothermal ablation of focal bacterial infection. <i>Chemical Engineering Journal</i> , <b>2021</b> , 407, 127076	14.7	7
123	Novel Porphyrin Zr Metal-Organic Framework (PCN-224)-Based Ultrastable Electrochemiluminescence System for PEDV Sensing. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 2090-2096	7.8	12
122	Gastric Acid Powered Nanomotors Release Antibiotics for In Vivo Treatment of Helicobacter pylori Infection. <i>Small</i> , <b>2021</b> , 17, e2006877	11	15
121	Early diagnosis of rabies virus infection by RPA-CRISPR techniques in a rat model. <i>Archives of Virology</i> , <b>2021</b> , 166, 1083-1092	2.6	3

120	Selective Thrombosis of Tumor for Enhanced Hypoxia-Activated Prodrug Therapy. <i>Advanced Materials</i> , <b>2021</b> , 33, e2104504	24	13
119	Development of A Super-Sensitive Diagnostic Method for African Swine Fever Using CRISPR Techniques. <i>Virologica Sinica</i> , <b>2021</b> , 36, 220-230	6.4	8
118	Application of Multiplexed Aptasensors in Food Contaminants Detection. <i>ACS Sensors</i> , <b>2020</b> , 5, 3721-3738	3.2	23
117	Inhibition of Porcine Epidemic Diarrhea Virus Replication and Viral 3C-Like Protease by Quercetin. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	7
116	Toxicity of Molybdenum-Based Nanomaterials on the Soybean-Rhizobia Symbiotic System: Implications for Nutrition. <i>ACS Applied Nano Materials</i> , <b>2020</b> , 3, 5773-5782	5.6	4
115	Metal-organic frameworks-based sensitive electrochemiluminescence biosensing. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 164, 112332	11.8	39
114	Pomegranate-Inspired Silica Nanotags Enable Sensitive Dual-Modal Detection of Rabies Virus Nucleoprotein. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 8802-8809	7.8	11
113	Biogenic Hybrid Nanosheets Activated Photothermal Therapy and Promoted Anti-PD-L1 Efficacy for Synergetic Antitumor Strategy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 29122-29132	9.5	5
112	Programmable DNA Tweezer-Actuated SERS Probe for the Sensitive Detection of AFB. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 4900-4907	7.8	20
111	Light-Induced Caspase-3-Responsive Chimeric Peptide for Effective PDT/Chemo Combination Therapy with Good Compatibility.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 2392-2400	4.1	
110	Enzyme induced molecularly imprinted polymer on SERS substrate for ultrasensitive detection of patulin. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1101, 111-119	6.6	22
109	Electrochemiluminescence aptasensor for multiple determination of Hg and Pb ions by using the MIL-53(Al)@CdTe-PEI modified electrode. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1100, 232-239	6.6	27
108	Ultrasmall Peptide-Coated Platinum Nanoparticles for Precise NIR-II Photothermal Therapy by Mitochondrial Targeting. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 39434-39443	9.5	14
107	Miniature Hollow Gold Nanorods with Enhanced Effect for In Vivo Photoacoustic Imaging in the NIR-II Window. <i>Small</i> , <b>2020</b> , 16, e2002748	11	26
106	Intracellular Ca Cascade Guided by NIR-II Photothermal Switch for Specific Tumor Therapy. <i>IScience</i> , <b>2020</b> , 23, 101049	6.1	8
105	Catalytic hairpin assembly-assisted lateral flow assay for visual determination of microRNA-21 using gold nanoparticles. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 661	5.8	12
104	Endogenous stimulus-powered antibiotic release from nanoreactors for a combination therapy of bacterial infections. <i>Nature Communications</i> , <b>2019</b> , 10, 4464	17.4	57
103	Amorphous nickel boride membrane coated PdCuCo dendrites as high-efficiency catalyst for oxygen reduction and methanol oxidation reaction. <i>Materials Today Energy</i> , <b>2019</b> , 12, 179-185	7	9

102	Synergistic antibacterial effects of curcumin modified silver nanoparticles through ROS-mediated pathways. <i>Materials Science and Engineering C</i> , <b>2019</b> , 99, 255-263	8.3	63
101	Reasonably retard O consumption through a photoactivity conversion nanocomposite for oxygenated photodynamic therapy. <i>Biomaterials</i> , <b>2019</b> , 218, 119312	15.6	17
100	Robust Synthesis of Size-Dispersal Triangular Silver Nanoprisms via Chemical Reduction Route and Their Cytotoxicity. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	6
99	Pd@Pt CoreShell Nanodots Arrays for Efficient Electrocatalytic Oxygen Reduction. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 3695-3700	5.6	6
98	Nickel-Ion-Oriented Fabrication of Spiny PtCu Alloy Octahedral Nanoframes with Enhanced Electrocatalytic Performance. <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 2862-2869	6.1	13
97	Pt nanozyme for O <sub>2</sub> self-sufficient, tumor-specific oxidative damage and drug resistance reversal. <i>Nanoscale Horizons</i> , <b>2019</b> , 4, 1124-1131	10.8	32
96	A New Type of Capping Agent in Nanoscience: Metal Cations. <i>Small</i> , <b>2019</b> , 15, e1900444	11	4
95	Cauliflower-Inspired 3D SERS Substrate for Multiple Mycotoxins Detection. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 3885-3892	7.8	115
94	Au Hollow Nanorods-Chimeric Peptide Nanocarrier for NIR-II Photothermal Therapy and Real-time Apoptosis Imaging for Tumor Theranostics. <i>Theranostics</i> , <b>2019</b> , 9, 4971-4981	12.1	30
93	Engineering Nanoparticles for Optimized Photodynamic Therapy. <i>ACS Biomaterials Science and Engineering</i> , <b>2019</b> , 5, 6342-6354	5.5	35
92	Electrochemiluminescence nanogears aptasensor based on MIL-53(Fe)@CdS for multiplexed detection of kanamycin and neomycin. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 129, 100-106	11.8	53
91	pH-Responsive, Light-Triggered on-Demand Antibiotic Release from Functional MetalOrganic Framework for Bacterial Infection Combination Therapy. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1800011	15.6	86
90	Steric shielding protected and acidity-activated pop-up of ligand for tumor enhanced photodynamic therapy. <i>Journal of Controlled Release</i> , <b>2018</b> , 279, 198-207	11.7	10
89	Ru(bpy)-Silica@Poly-L-lysine-Au as labels for electrochemiluminescence lysozyme aptasensor based on 3D graphene. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 106, 50-56	11.8	28
88	Glutathione-Capped AgS Nanoclusters Inhibit Coronavirus Proliferation through Blockage of Viral RNA Synthesis and Budding. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 4369-4378	9.5	104
87	Preparation of Modified Konjac Glucomannan Nanoparticles and their Application as Vaccine Adjuvants to Promote Ovalbumin-Induced Immune Response in Mice. <i>Pharmaceutical Research</i> , <b>2018</b> , 35, 105	4.5	6
86	Cellular hnRNP A1 Interacts with Nucleocapsid Protein of Porcine Epidemic Diarrhea Virus and Impairs Viral Replication. <i>Viruses</i> , <b>2018</b> , 10,	6.2	11
85	Target-triggered signal-on ratiometric electrochemiluminescence sensing of PSA based on MOF/Au/G-quadruplex. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 118, 160-166	11.8	68

84	Tumor-triggered transformation of chimeric peptide for dual-stage-amplified magnetic resonance imaging and precise photodynamic therapy. <i>Biomaterials</i> , <b>2018</b> , 182, 269-278	15.6	30
83	Functional peptide-based nanoparticles for photodynamic therapy. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 25-38	7.3	39
82	Atomic Vacancies Control of Pd-Based Catalysts for Enhanced Electrochemical Performance. <i>Advanced Materials</i> , <b>2018</b> , 30, 1704171	24	74
81	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 &amp; Interfaces</i> , <b>2018</b> , 10, 36703-36710	9.5	53
80	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> , <b>2018</b> , 1, 1286-1293	4.1	62
79	A Chimeric Peptide Logic Gate for Orthogonal Stimuli-Triggered Precise Tumor Therapy. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1804609	15.6	11
78	Fabrication of Bis-Quaternary Ammonium Salt as an Efficient Bactericidal Weapon Against and. <i>ACS Omega</i> , <b>2018</b> , 3, 14517-14525	3.9	16
77	Multisite Inhibitors for Enteric Coronavirus: Antiviral Cationic Carbon Dots Based on Curcumin. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 5451-5459	5.6	108
76	Versatile Electrochemiluminescence Assays for PEDV Antibody Based on Rolling Circle Amplification and Ru-DNA Nanotags. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 7415-7421	7.8	21
75	Precisely Striking Tumors without Adjacent Normal Tissue Damage via Mitochondria-Templated Accumulation. <i>ACS Nano</i> , <b>2018</b> , 12, 6252-6262	16.7	49
74	Gecko-Inspired Nanotentacle Surface-Enhanced Raman Spectroscopy Substrate for Sampling and Reliable Detection of Pesticide Residues in Fruits and Vegetables. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 2424-2431	7.8	150
73	Acidity-Triggered Tumor Retention/Internalization of Chimeric Peptide for Enhanced Photodynamic Therapy and Real-Time Monitoring of Therapeutic Effects. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 16043-16053	9.5	17
72	From Electrochemistry to Electroluminescence: Development and Application in a Ratiometric Aptasensor for Aflatoxin B1. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 7578-7585	7.8	98
71	Ultrasensitive detection of aflatoxin B by SERS aptasensor based on exonuclease-assisted recycling amplification. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 97, 59-64	11.8	91
70	Tumor-Triggered Geometrical Shape Switch of Chimeric Peptide for Enhanced in Vivo Tumor Internalization and Photodynamic Therapy. <i>ACS Nano</i> , <b>2017</b> , 11, 3178-3188	16.7	90
69	Pd/Au heterostructured nanonecklaces with adjustable interval and size as a superior catalyst for degradation of 4-nitrophenol. <i>CrystEngComm</i> , <b>2017</b> , 19, 5686-5691	3.3	3
68	pH-Responsive Nanoscale Coordination Polymer for Efficient Drug Delivery and Real-Time Release Monitoring. <i>Advanced Healthcare Materials</i> , <b>2017</b> , 6, 1700470	10.1	26
67	Ultrasensitive SERS detection of Bacillus thuringiensis special gene based on Au@Ag NRs and magnetic beads. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 92, 321-327	11.8	36

66	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> , <b>2017</b> , 171, 311-316	4.4	60
65	Graphene Oxide-Silver Nanocomposite: Novel Agricultural Antifungal Agent against <i>Fusarium graminearum</i> for Crop Disease Prevention. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 24057-70	9.5	87
64	Self-assembly of Pt-based truncated octahedral crystals into metal-frameworks towards enhanced electrocatalytic activity. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 15169-15180	13	10
63	Signal-Amplified Near-Infrared Ratiometric Electrochemiluminescence Aptasensor Based on Multiple Quenching and Enhancement Effect of Graphene/Gold Nanorods/G-Quadruplex. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 8179-87	7.8	57
62	Enzymatic biosensor of horseradish peroxidase immobilized on Au-Pt nanotube/Au-graphene for the simultaneous determination of antioxidants. <i>Analytica Chimica Acta</i> , <b>2016</b> , 933, 89-96	6.6	32
61	Microbial synthesis of highly dispersed PdAu alloy for enhanced electrocatalysis. <i>Science Advances</i> , <b>2016</b> , 2, e1600858	14.3	65
60	Carbon-Dot and Quantum-Dot-Coated Dual-Emission Core-Satellite Silica Nanoparticles for Ratiometric Intracellular Cu(2+) Imaging. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 7395-403	7.8	88
59	Acidity-Triggered Tumor-Targeted Chimeric Peptide for Enhanced Intra-Nuclear Photodynamic Therapy. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 4351-4361	15.6	108
58	Targeted Near-Infrared Fluorescent Turn-on Nanoprobe for Activatable Imaging and Effective Phototherapy of Cancer Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 15013-23	9.5	57
57	Investigation the interaction between protamine sulfate and CdTe quantum dots with spectroscopic techniques. <i>RSC Advances</i> , <b>2016</b> , 6, 10215-10220	3.7	15
56	Turn-on near-infrared electrochemiluminescence sensing of thrombin based on resonance energy transfer between CdTe/CdS coresmall/shellthick quantum dots and gold nanorods. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 82, 26-31	11.8	42
55	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> , <b>2016</b> , 2016, 4939582	2	10
54	Synthesis of Tellurium Fusiform Nanoarchitectures by Controlled Living Nanowire Modification. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 12305-12312	3.8	8
53	Regulating the oxidation degree of nickel foam: a smart strategy to controllably synthesize active Ni <sub>3</sub> S <sub>2</sub> nanorod/nanowire arrays for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 8029-8040	13	42
52	Highly sensitive enzyme-free immunosorbent assay for porcine circovirus type 2 antibody using Au-Pt/SiO <sub>2</sub> nanocomposites as labels. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 82, 177-84	11.8	36
51	Controlled Synthesis of Au-Island-Covered Pd Nanotubes with Abundant Heterojunction Interfaces for Enhanced Electrooxidation of Alcohol. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 12792-7	9.5	25
50	Mitochondria-Targeted Chimeric Peptide for Trinitarian Overcoming of Drug Resistance. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 25060-8	9.5	54
49	Platinum Dendritic-Flowers Prepared by Tellurium Nanowires Exhibit High Electrocatalytic Activity for Glycerol Oxidation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 17725-30	9.5	42



48	An aqueous platinum nanotube based fluorescent immuno-assay for porcine reproductive and respiratory syndrome virus detection. <i>Talanta</i> , <b>2015</b> , 144, 324-8	6.2	3
47	Activable Cell-Penetrating Peptide Conjugated Prodrug for Tumor Targeted Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 16061-9	9.5	66
46	Quantum dots decorated gold nanorod as fluorescent-plasmonic dual-modal contrasts agent for cancer imaging. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 74, 16-23	11.8	46
45	Dual-Stage-Light-Guided Tumor Inhibition by Mitochondria-Targeted Photodynamic Therapy. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 2961-2971	15.6	173
44	One-step synthesis of high-quality homogenous Te/Se alloy nanorods with various morphologies. <i>CrystEngComm</i> , <b>2015</b> , 17, 3243-3250	3.3	13
43	Antiviral Activity of Graphene Oxide: How Sharp Edged Structure and Charge Matter. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 21571-9	9.5	222
42	Photo-Activatable Substrates for Site-Specific Differentiation of Stem Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 23679-84	9.5	10
41	Enhanced immunoassay for porcine circovirus type 2 antibody using enzyme-loaded and quantum dots-embedded shell-core silica nanospheres based on enzyme-linked immunosorbent assay. <i>Analytica Chimica Acta</i> , <b>2015</b> , 887, 192-200	6.6	21
40	Ratiometric Biosensor for Aggregation-Induced Emission-Guided Precise Photodynamic Therapy. <i>ACS Nano</i> , <b>2015</b> , 9, 10268-77	16.7	174
39	Tumor targeted gold nanoparticles for FRET-based tumor imaging and light responsive on-demand drug release. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 8065-8069	7.3	26
38	Spiny-porous platinum nanotubes with enhanced electrocatalytic activity for methanol oxidation. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 1388-1391	13	25
37	Dual stimuli-responsive multi-drug delivery system for the individually controlled release of anti-cancer drugs. <i>Chemical Communications</i> , <b>2015</b> , 51, 1475-8	5.8	76
36	Two-dimensional colloidal crystal assisted formation of conductive porous gold films with flexible structural controllability. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 437, 291-296	9.3	4
35	Cancer Treatment: Dual-Stage-Light-Guided Tumor Inhibition by Mitochondria-Targeted Photodynamic Therapy (Adv. Funct. Mater. 20/2015). <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 2942-2942 <sup>15.6</sup>	15.6	15.6
34	Probing the interactions of CdTe quantum dots with pseudorabies virus. <i>Scientific Reports</i> , <b>2015</b> , 5, 16403.9	3.9	20
33	Clean Synthesis of an Economical 3D Nanochain Network of PdCu Alloy with Enhanced Electrocatalytic Performance towards Ethanol Oxidation. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 17779-85	4.8	43
32	Evaluation of Biological Toxicity of CdTe Quantum Dots with Different Coating Reagents according to Protein Expression of Engineering Escherichia coli. <i>Journal of Nanomaterials</i> , <b>2015</b> , 2015, 1-7	3.2	4
31	A Tumor Targeted Chimeric Peptide for Synergistic Endosomal Escape and Therapy by Dual-Stage Light Manipulation. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 1248-1257	15.6	94

30	Dual-pH Sensitive Charge-Reversal Polypeptide Micelles for Tumor-Triggered Targeting Uptake and Nuclear Drug Delivery. <i>Small</i> , <b>2015</b> , 11, 2543-54	11	208
29	Recent advances in the use of near-infrared quantum dots as optical probes for bioanalytical, imaging and solar cell application. <i>Mikrochimica Acta</i> , <b>2014</b> , 181, 1485-1495	5.8	26
28	Intravital imaging of Bacillus thuringiensis Cry1A toxin binding sites in the midgut of silkworm. <i>Analytical Biochemistry</i> , <b>2014</b> , 447, 90-7	3.1	4
27	A FRET-based dual-targeting theranostic chimeric peptide for tumor therapy and real-time apoptosis imaging. <i>Advanced Healthcare Materials</i> , <b>2014</b> , 3, 1765-8	10.1	20
26	Target triggered self-assembly of Au nanoparticles for amplified detection of Bacillus thuringiensis transgenic sequence using SERS. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 62, 196-200	11.8	23
25	Cancer-targeted functional gold nanoparticles for apoptosis induction and real-time imaging based on FRET. <i>Nanoscale</i> , <b>2014</b> , 6, 9531-5	7.7	32
24	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> , <b>2014</b> , 845, 92-7	6.6	19
23	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> , <b>2014</b> , 2, 8434-8440	7.3	13
22	A new function of graphene oxide emerges: inactivating phytopathogenic bacterium <i>Xanthomonas oryzae</i> pv. <i>Oryzae</i> . <i>Journal of Nanoparticle Research</i> , <b>2013</b> , 15, 1	2.3	91
21	Sensitive immunoassay for porcine pseudorabies antibody based on fluorescence signal amplification induced by cation exchange in CdSe nanocrystals. <i>Mikrochimica Acta</i> , <b>2013</b> , 180, 303-310	5.8	6
20	Excellent electrochemical performance of nitrogen-enriched hierarchical porous carbon electrodes prepared using nano-CaCO <sub>3</sub> as template. <i>Journal of Solid State Electrochemistry</i> , <b>2013</b> , 17, 2651-2660	2.6	34
19	A SERS-based immunoassay for porcine circovirus type 2 using multi-branched gold nanoparticles. <i>Mikrochimica Acta</i> , <b>2013</b> , 180, 1501-1507	5.8	17
18	Synergistic gene and drug tumor therapy using a chimeric peptide. <i>Biomaterials</i> , <b>2013</b> , 34, 4680-9	15.6	89
17	Bioreducible polypeptide containing cell-penetrating sequence for efficient gene delivery. <i>Pharmaceutical Research</i> , <b>2013</b> , 30, 1968-78	4.5	20
16	Near-infrared electrogenerated chemiluminescence from quantum dots. <i>Reviews in Analytical Chemistry</i> , <b>2013</b> , 32,	2.3	7
15	Theranostic magnetic nanoparticles for efficient capture and in situ chemotherapy of circulating tumor cells. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 3344-3352	7.3	26
14	Novel gene transfer vectors based on artificial recombinant multi-functional oligopeptides. <i>International Journal of Pharmaceutics</i> , <b>2012</b> , 436, 555-63	6.5	11
13	Reduction-sensitive polypeptides incorporated with nuclear localization signal sequences for enhanced gene delivery. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 13591		13



12	Multi-walled carbon nanotubes can enhance root elongation of wheat ( <i>Triticum aestivum</i> ) plants. <i>Journal of Nanoparticle Research</i> , <b>2012</b> , 14, 1	2.3	141
11	Synthesis of p-aminothiophenol-embedded gold/silver core-shell nanostructures as novel SERS tags for biosensing applications. <i>Mikrochimica Acta</i> , <b>2011</b> , 173, 149-156	5.8	21
10	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> , <b>2011</b> , 175, 55-61	5.8	15
9	Construction of surfactant-like tetra-tail amphiphilic peptide with RGD ligand for encapsulation of porphyrin for photodynamic therapy. <i>Biomaterials</i> , <b>2011</b> , 32, 1678-84	15.6	77
8	Structure and properties of cellulose/poly(N-isopropylacrylamide) hydrogels prepared by IPN strategy. <i>Polymers for Advanced Technologies</i> , <b>2011</b> , 22, 1329-1334	3.2	35
7	A novel method for the analysis of calf thymus DNA based on CdTe quantum dots-Ru(bpy) 2+3 photoinduced electron transfer system. <i>Mikrochimica Acta</i> , <b>2010</b> , 168, 341-345	5.8	14
6	A novel method for methimazole determination using CdSe quantum dots as fluorescence probes. <i>Mikrochimica Acta</i> , <b>2009</b> , 165, 195-201	5.8	36
5	A novel strategy for selective detection of Ag <sup>+</sup> based on the red-shift of emission wavelength of quantum dots. <i>Mikrochimica Acta</i> , <b>2009</b> , 167, 281-287	5.8	51
4	Preparation of Mesoporous Nanosized KF/CaO/MgO Catalyst and its Application for Biodiesel Production by Transesterification. <i>Catalysis Letters</i> , <b>2009</b> , 131, 574-578	2.8	44
3	A novel method for the determination of Pb <sup>2+</sup> based on the quenching of the fluorescence of CdTe quantum dots. <i>Mikrochimica Acta</i> , <b>2008</b> , 161, 81-86	5.8	97
2	Electrogenerated chemiluminescence from thiol-capped CdTe quantum dots and its sensing application in aqueous solution. <i>Analytica Chimica Acta</i> , <b>2007</b> , 596, 73-8	6.6	74
1	Interactions between water-soluble CdSe quantum dots and gold nanoparticles studied by UV-visible absorption spectroscopy. <i>Analytical Sciences</i> , <b>2007</b> , 23, 651-4	1.7	10