

# Da-Xiang Cui

## 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.

382  
papers

19,924  
citations

72  
h-index

127  
g-index

402  
ext. papers

22,753  
ext. citations

7.7  
avg, IF

6.85  
L-index

#	Paper	IF	Citations
382	Simulation and improvements of a magnetic flux sensor for application in immunomagnetic biosensing platforms. <i>Sensors and Actuators A: Physical</i> , <b>2022</b> , 333, 113299	3.9	0
381	2Q Methyl modified guide RNA promotes the single nucleotide polymorphism (SNP) discrimination ability of CRISPR-Cas12a systems.. <i>Chemical Science</i> , <b>2022</b> , 13, 2050-2061	9.4	2
380	Engineered mesenchymal stem cell-derived exosomes with high CXCR4 levels for targeted siRNA gene therapy against cancer.. <i>Nanoscale</i> , <b>2022</b> ,	7.7	1
379	Highly Efficient Self-Healing Multifunctional Dressing with Antibacterial Activity for Sutureless Wound Closure and Infected Wound Monitoring (Adv. Mater. 3/2022). <i>Advanced Materials</i> , <b>2022</b> , 34, 2270025	24	1
378	Tumor Microenvironment pH-Responsive Pentagonal Gold Prism-Based Nanoplatfor for Multimodal Imaging and Combined Therapy of Castration-Resistant Prostate Cancer.. <i>Acta Biomaterialia</i> , <b>2022</b> , 141, 408-408	10.8	2
377	Techniques for wearable gas sensors fabrication. <i>Sensors and Actuators B: Chemical</i> , <b>2022</b> , 353, 131133	8.5	2
376	Rapid segmentation and sensitive analysis of CRP with paper-based microfluidic device using machine learning.. <i>Analytical and Bioanalytical Chemistry</i> , <b>2022</b> , 1	4.4	1
375	Antitumor Effect of Simvastatin in Combination With DNA Methyltransferase Inhibitor on Gastric Cancer GSDME-Mediated Pyroptosis.. <i>Frontiers in Pharmacology</i> , <b>2022</b> , 13, 860546	5.6	5
374	Geometric structure design of passive label-free microfluidic systems for biological micro-object separation. <i>Microsystems and Nanoengineering</i> , <b>2022</b> , 8,	7.7	1
373	Radiomics Analysis to Enhance Precise Identification of Epidermal Growth Factor Receptor Mutation Based on Positron Emission Tomography Images of Lung Cancer Patients.. <i>Journal of Biomedical Nanotechnology</i> , <b>2021</b> , 17, 691-702	4	1
372	Metal-organic framework engineered corn-like SERS active Ag@Carbon with controllable spacing distance for tracking trace amount of organic compounds. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 424, 127686	12.8	3
371	Highly Efficient Self-Healing Multifunctional Dressing with Antibacterial Activity for Sutureless Wound Closure and Infected Wound Monitoring. <i>Advanced Materials</i> , <b>2021</b> , e2106842	24	21
370	Proteomics Analyses Reveal Functional Differences between Exosomes of Mesenchymal Stem Cells Derived from The Umbilical Cord and Those Derived from The Adipose Tissue. <i>Cell Journal</i> , <b>2021</b> , 23, 75-84	2.4	2
369	Encountering and Wrestling: Neutrophils Recognize and Defensively Degrade Graphene Oxide. <i>Advanced Healthcare Materials</i> , <b>2021</b> , e2102439	10.1	2
368	Dual-targeted lung cancer therapy inhalation delivery of UCNP-siRNA-AS1411 nanocages. <i>Cancer Biology and Medicine</i> , <b>2021</b> ,	5.2	1
367	ARV-825 Demonstrates Antitumor Activity in Gastric Cancer MYC-Targets and G2M-Checkpoint Signaling Pathways. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 753119	5.3	1
366	Integrating Epigenetic Modulators in Nanofibers for Synergistic Gastric Cancer Therapy via Epigenetic Reprogramming. <i>Nano Letters</i> , <b>2021</b> , 21, 298-307	11.5	5

365	Strategies for the detection of target analytes using microfluidic paper-based analytical devices. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 413, 2429-2445	4.4	7
364	X-ray-Based Techniques to Study the Nano-Bio Interface. <i>ACS Nano</i> , <b>2021</b> , 15, 3754-3807	16.7	18
363	A HiPAD Integrated with rGO/MWCNTs Nano-Circuit Heater for Visual Point-of-Care Testing of SARS-CoV-2. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2100801	15.6	10
362	Highly Sensitive and Flexible Piezoresistive Pressure Sensors Based on 3D Reduced Graphene Oxide Aerogel. <i>IEEE Electron Device Letters</i> , <b>2021</b> , 42, 589-592	4.4	11
361	An experimental study on a piezoelectric vibration energy harvester for self-powered cardiac pacemakers. <i>Annals of Translational Medicine</i> , <b>2021</b> , 9, 880	3.2	2
360	Isolation of exosomes from serum of patients with lung cancer: a comparison of the ultra-high speed centrifugation and precipitation methods. <i>Annals of Translational Medicine</i> , <b>2021</b> , 9, 882	3.2	4
359	and studies on the biocompatibility of a self-powered pacemaker with a flexible buckling piezoelectric vibration energy harvester for rats. <i>Annals of Translational Medicine</i> , <b>2021</b> , 9, 800	3.2	
358	Antiangiogenesis Combined with Inhibition of the Hypoxia Pathway Facilitates Low-Dose, X-ray-Induced Photodynamic Therapy. <i>ACS Nano</i> , <b>2021</b> ,	16.7	2
357	SR-A-Targeted Nanoplatform for Sequential Photothermal/Photodynamic Ablation of Activated Macrophages to Alleviate Atherosclerosis. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> ,	9.5	8
356	Functional Micro-/Nanomaterials for Multiplexed Biodetection. <i>Advanced Materials</i> , <b>2021</b> , 33, e2004734	24	6
355	A Review on Metal- and Metal Oxide-Based Nanozymes: Properties, Mechanisms, and Applications. <i>Nano-Micro Letters</i> , <b>2021</b> , 13, 154	19.5	43
354	Identification of Key Circulating Exosomal microRNAs in Gastric Cancer. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 693360	5.3	5
353	Functional Micro-/Nanomaterials: Functional Micro-/Nanomaterials for Multiplexed Biodetection (Adv. Mater. 30/2021). <i>Advanced Materials</i> , <b>2021</b> , 33, 2170235	24	
352	Highly sensitive sensor based on ordered porous ZnO nanosheets for ethanol detecting application. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 326, 128952	8.5	27
351	A novel anticoagulant affinity membrane for enhanced hemocompatibility and bilirubin removal. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2021</b> , 197, 111430	6	6
350	Rapid developments in lateral flow immunoassay for nucleic acid detection. <i>Analyst, The</i> , <b>2021</b> , 146, 1514-1528	13	
349	Hairpin-Spacer crRNA-Enhanced CRISPR/Cas13a System Promotes the Specificity of Single Nucleotide Polymorphism (SNP) Identification. <i>Advanced Science</i> , <b>2021</b> , 8, 2003611	13.6	9
348	Remote Tracking Gas Molecular via the Standalone-Like Nanosensor-Based Tele-Monitoring System. <i>Nano-Micro Letters</i> , <b>2021</b> , 13, 32	19.5	5

347	Au-siRNA@ aptamer nanocages as a high-efficiency drug and gene delivery system for targeted lung cancer therapy. <i>Journal of Nanobiotechnology</i> , <b>2021</b> , 19, 54	9.4	12
346	Breath analysis based early gastric cancer classification from deep stacked sparse autoencoder neural network. <i>Scientific Reports</i> , <b>2021</b> , 11, 4014	4.9	9
345	Multifunctional Nano-Sunflowers with Color-Magnetic-Raman Properties for Multimodal Lateral Flow Immunoassay. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 3626-3634	7.8	14
344	Multifunctional Dressing for Wound Diagnosis and Rehabilitation. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2101292	10.1	8
343	Multicolor quantum dot nanobeads based fluorescence-linked immunosorbent assay for highly sensitive multiplexed detection. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 338, 129827	8.5	6
342	Ultrasound-assisted CF-filled PLGA nanobubbles for enhanced FGF21 delivery and improved prophylactic treatment of diabetic cardiomyopathy. <i>Acta Biomaterialia</i> , <b>2021</b> , 130, 395-408	10.8	1
341	From mouse to mouse-ear cress: Nanomaterials as vehicles in plant biotechnology. <i>Exploration</i> , <b>2021</b> , 1, 9-20		13
340	Recent developments in sensors for wearable device applications. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 413, 6037-6057	4.4	16
339	Urinary exosomes-based Engineered Nanovectors for Homologously Targeted Chemo-Chemodynamic Prostate Cancer Therapy via abrogating EGFR/AKT/NF-kB/IkB signaling. <i>Biomaterials</i> , <b>2021</b> , 275, 120946	15.6	18
338	Nitrogen Dioxide Gas Sensor Based on Ag-Doped Graphene: A First-Principle Study. <i>Chemosensors</i> , <b>2021</b> , 9, 227	4	3
337	A cost-effective and solderability stretchable circuit boards for wearable devices. <i>Sensors and Actuators A: Physical</i> , <b>2021</b> , 331, 112924	3.9	1
336	ExoSD chips for high-purity immunomagnetic separation and high-sensitivity detection of gastric cancer cell-derived exosomes. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 194, 113594	11.8	9
335	Hydrochromic NiI <sub>2</sub> /(CH <sub>3</sub> ) <sub>4</sub> Ni derived humidity self-adaptive nano-electronic for precisely tracking gastric cancer-related volatile markers under humid condition. <i>Chemical Engineering Journal</i> , <b>2021</b> , 425, 130543	14.7	1
334	Heat-induced manganese-doped magnetic nanocarriers combined with Yap-siRNA for MRI/NIR-guided mild photothermal and gene therapy of hepatocellular carcinoma. <i>Chemical Engineering Journal</i> , <b>2021</b> , 426, 130746	14.7	2
333	Manganese/iron-based nanoprobe for photodynamic/chemotherapy combination therapy of tumor guided by multimodal imaging. <i>Nanoscale</i> , <b>2021</b> , 13, 5383-5399	7.7	13
332	Ultra-homogeneous NIR-II fluorescent self-assembled nanoprobe with AIE properties for photothermal therapy of prostate cancer. <i>Nanoscale</i> , <b>2021</b> , 13, 15569-15575	7.7	2
331	Preparation and characterization of a fully human monoclonal antibody specific for human tumor necrosis factor alpha. <i>Bioengineered</i> , <b>2021</b> , 12, 10821-10834	5.7	1
330	Carbon-Coated Tungsten Oxide Nanospheres Triggering Flexible Electron Transfer for Efficient Electrocatalytic Oxidation of Water and Glucose. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 56943-56953	9.5	9

329	A Gold Nanocluster Constructed Mixed-Metal Metal-Organic Network Film for Combating Implant-Associated Infections. <i>ACS Nano</i> , <b>2020</b> , 14, 15633-15645	16.7	15
328	Nanosensor-Based Flexible Electronic Assisted with Light Fidelity Communicating Technology for Volatolomics-Based Telemedicine. <i>ACS Nano</i> , <b>2020</b> , 14, 15517-15532	16.7	11
327	Ag-Modified 3D Reduced Graphene Oxide Aerogel-Based Sensor with an Embedded Microheater for a Fast Response and High-Sensitive Detection of NO. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 25243-25252	9.5	22
326	Human iPS Cells Loaded with MnO-Based Nanoprobes for Photodynamic and Simultaneous Enhanced Immunotherapy Against Cancer. <i>Nano-Micro Letters</i> , <b>2020</b> , 12, 127	19.5	18
325	Development of magnetic sensor technologies for point-of-care testing: Fundamentals, methodologies and applications. <i>Sensors and Actuators A: Physical</i> , <b>2020</b> , 312, 112130	3.9	18
324	Smartphone-imaged multilayered paper-based analytical device for colorimetric analysis of carcinoembryonic antigen. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 2517-2528	4.4	19
323	A plasmonic thermal sensing based portable device for lateral flow assay detection and quantification. <i>Nanoscale Research Letters</i> , <b>2020</b> , 15, 10	5	20
322	The mesoscale regulation of $\text{Er}^{3+}$ in $\text{NaYF}_4:\text{Yb}^{3+}/\text{Er}^{3+}$ with desired size and morphology via introducing $\text{Li}^+/\text{K}^+$ into a hydrothermal environment. <i>CrystEngComm</i> , <b>2020</b> , 22, 1131-1138	3.3	0
321	Long-Circulating Drug-Dye-Based Micelles with Ultrahigh pH-Sensitivity for Deep Tumor Penetration and Superior Chemo-Photothermal Therapy. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1906309	15.6	44
320	CD133 antibody targeted delivery of gold nanostars loading IR820 and docetaxel for multimodal imaging and near-infrared photodynamic/photothermal/chemotherapy against castration resistant prostate cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2020</b> , 27, 102192	6	15
319	Chitosan modified FeO/KGN self-assembled nanoprobes for osteochondral MR diagnose and regeneration. <i>Theranostics</i> , <b>2020</b> , 10, 5565-5577	12.1	9
318	Information Coding in a Reconfigurable DNA Origami Domino Array. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 13091-13097	3.6	4
317	Terahertz plasmonic phase-jump manipulator for liquid sensing. <i>Nanophotonics</i> , <b>2020</b> , 9, 3011-3021	6.3	8
316	Progress in Microfluidics-Based Exosome Separation and Detection Technologies for Diagnostic Applications. <i>Small</i> , <b>2020</b> , 16, e1903916	11	81
315	Passion fruit-like exosome-PMA/Au-BSA@Ce6 nanovehicles for real-time fluorescence imaging and enhanced targeted photodynamic therapy with deep penetration and superior retention behavior in tumor. <i>Biomaterials</i> , <b>2020</b> , 230, 119606	15.6	52
314	A graphene oxide coated gold nanostar based sensing platform for ultrasensitive electrochemical detection of circulating tumor DNA. <i>Analytical Methods</i> , <b>2020</b> , 12, 440-447	3.2	12
313	MnO@Ce6-loaded mesenchymal stem cells as an "oxygen-laden guided-missile" for the enhanced photodynamic therapy on lung cancer. <i>Nanoscale</i> , <b>2020</b> , 12, 3090-3102	7.7	28
312	GSH-triggered sequential catalysis for tumor imaging and eradication based on star-like Au/Pt enzyme carrier system. <i>Nano Research</i> , <b>2020</b> , 13, 160-172	10	16

311	A dual signal amplification strategy for the highly sensitive fluorescence detection of nucleic acids. <i>Analyst, The</i> , <b>2020</b> , 145, 1219-1226	5	8
310	Carbon nanocage-based nanozyme as an endogenous HO-activated oxygen generator for real-time bimodal imaging and enhanced phototherapy of esophageal cancer. <i>Nanoscale</i> , <b>2020</b> , 12, 21674-21686	7.7	14
309	Targeted theranostics of lung cancer: PD-L1-guided delivery of gold nanoprisms with chlorin e6 for enhanced imaging and photothermal/photodynamic therapy. <i>Acta Biomaterialia</i> , <b>2020</b> , 117, 361-373	10.8	17
308	Modular Reconfigurable DNA Origami: From Two-Dimensional to Three-Dimensional Structures. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 23477-23482	3.6	2
307	Proximity-Induced Pattern Operations in Reconfigurable DNA Origami Domino Array. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 14566-14573	16.4	16
306	Highly-selective detection of EGFR mutation gene in lung cancer based on surface enhanced Raman spectroscopy and asymmetric PCR. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2020</b> , 190, 113522	3.5	5
305	Combination Therapy Using Kartogenin-Based Chondrogenesis and Complex Polymer Scaffold for Cartilage Defect Regeneration. <i>ACS Biomaterials Science and Engineering</i> , <b>2020</b> , 6, 6276-6284	5.5	10
304	Application of DNA nanostructures in cancer therapy. <i>Applied Materials Today</i> , <b>2020</b> , 21, 100861	6.6	3
303	Modular Reconfigurable DNA Origami: From Two-Dimensional to Three-Dimensional Structures. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 23277-23282	16.4	12
302	Enzyme-Free Electrochemical Biosensor Based on Localized DNA Cascade Displacement Reaction and Versatile DNA Nanosheets for Ultrasensitive Detection of Exosomal MicroRNA. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 45648-45656	9.5	29
301	Deep Learning on chromatographic data for Segmentation and Sensitive Analysis. <i>Journal of Chromatography A</i> , <b>2020</b> , 1634, 461680	4.5	1
300	Information Coding in a Reconfigurable DNA Origami Domino Array. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 12991-12997	16.4	22
299	Metal-Drug-Protein Assemblies: Gd <sup>3+</sup> Self-Enhanced Magnetic Resonance Imaging, High-Sensitive Tumor-Targeting Imaging and Efficient Chemo-Phototherapy. <i>Particle and Particle Systems Characterization</i> , <b>2020</b> , 37, 1900427	3.1	2
298	Spontaneous implantation of gold nanoparticles on graphene oxide for salivary SERS sensing. <i>Analytical Methods</i> , <b>2019</b> , 11, 5089-5097	3.2	9
297	Effects of gold nanoprism-assisted human PD-L1 siRNA on both gene down-regulation and photothermal therapy on lung cancer. <i>Acta Biomaterialia</i> , <b>2019</b> , 99, 307-319	10.8	39
296	Electrochemical Biosensor Based on Dewdrop-Like Platinum Nanoparticles-Decorated Silver Nanoflowers Nanocomposites for H <sub>2</sub> O <sub>2</sub> and Glucose Detection. <i>Journal of the Electrochemical Society</i> , <b>2019</b> , 166, B1138-B1145	3.9	18
295	Label-free detection of biotoxins via a photo-induced force infrared spectrum at the single-molecular level. <i>Analyst, The</i> , <b>2019</b> , 144, 6108-6117	5	9
294	Overcoming Multidrug-Resistance in Bacteria with a Two-Step Process to Repurpose and Recombine Established Drugs. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 13562-13569	7.8	4



293	Machine Learning Approach to Enhance the Performance of MNP-Labeled Lateral Flow Immunoassay. <i>Nano-Micro Letters</i> , <b>2019</b> , 11, 7	19.5	33
292	Monodisperse Au@Ag core-shell nanoprobe with ultrasensitive SERS-activity for rapid identification and Raman imaging of living cancer cells. <i>Talanta</i> , <b>2019</b> , 198, 45-54	6.2	33
291	A flyover style microfluidic chip for highly purified magnetic cell separation. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 129, 175-181	11.8	31
290	Oral pH sensitive GNS@ab nanoprobe for targeted therapy of Helicobacter pylori without disturbance gut microbiome. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2019</b> , 20, 102019	6	15
289	Carbon-gold hybrid nanoprobe for real-time imaging, photothermal/photodynamic and nanozyme oxidative therapy. <i>Theranostics</i> , <b>2019</b> , 9, 3443-3458	12.1	75
288	Nanomaterial-based SERS sensing technology for biomedical application. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 3755-3774	7.3	43
287	Photo-Fenton-like Metal-Protein Self-Assemblies as Multifunctional Tumor Theranostic Agent. <i>Advanced Healthcare Materials</i> , <b>2019</b> , 8, e1900192	10.1	35
286	Create Nanoscale Patterns with DNA Origami. <i>Small</i> , <b>2019</b> , 15, e1805554	11	31
285	Microfluidic Device Directly Fabricated on Screen-Printed Electrodes for Ultrasensitive Electrochemical Sensing of PSA. <i>Nanoscale Research Letters</i> , <b>2019</b> , 14, 71	5	18
284	Detection platforms for point-of-care testing based on colorimetric, luminescent and magnetic assays: A review. <i>Talanta</i> , <b>2019</b> , 202, 96-110	6.2	72
283	Matrix metalloproteinase 2 targeted delivery of gold nanostars decorated with IR-780 iodide for dual-modal imaging and enhanced photothermal/photodynamic therapy. <i>Acta Biomaterialia</i> , <b>2019</b> , 89, 289-299	10.8	39
282	Impact of Short-Term Exposure of AuNCs on the Gut Microbiota of BALB/c Mice. <i>Journal of Biomedical Nanotechnology</i> , <b>2019</b> , 15, 779-789	4	8
281	Polymorphisms and Risk of Esophageal and Gastric Cancer in a Northwestern Chinese Population. <i>BioMed Research International</i> , <b>2019</b> , 2019, 9765191	3	5
280	Metal-Protein Nanotheranostics: Photo-Fenton-like Metal-Protein Self-Assemblies as Multifunctional Tumor Theranostic Agent (Adv. Healthcare Mater. 15/2019). <i>Advanced Healthcare Materials</i> , <b>2019</b> , 8, 1970060	10.1	
279	A Nanoemulsion with A Porphyrin Shell for Cancer Theranostics. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 14974-14978	16.4	26
278	Algorithms for immunochromatographic assay: review and impact on future application. <i>Analyst, The</i> , <b>2019</b> , 144, 5659-5676	5	19
277	Glutathione Induced Transformation of Partially Hollow Gold-Silver Nanocages for Cancer Diagnosis and Photothermal Therapy. <i>Small</i> , <b>2019</b> , 15, e1902755	11	17
276	Multifunctional co-loaded magnetic nanocapsules for enhancing targeted MR imaging and in vivo photodynamic therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2019</b> , 21, 102047	6	8

275	Matrix metalloproteinase-2-targeted superparamagnetic FeO-PEG-G5-MMP2@Ce6 nanoprobes for dual-mode imaging and photodynamic therapy. <i>Nanoscale</i> , <b>2019</b> , 11, 18426-18435	7.7	21
274	Gastric Parietal Cell and Intestinal Goblet Cell Secretion: a Novel Cell-Mediated In Vivo Metal Nanoparticle Metabolic Pathway Enhanced with Diarrhea Via Chinese Herbs. <i>Nanoscale Research Letters</i> , <b>2019</b> , 14, 79	5	5
273	A tumor microenvironment responsive biodegradable CaCO <sub>3</sub> /MnO <sub>2</sub> - based nanoplatform for the enhanced photodynamic therapy and improved PD-L1 immunotherapy. <i>Theranostics</i> , <b>2019</b> , 9, 6867-6884	12.1	76
272	AI-Egens Barcodes Combined with AI-Egens Nanobeads for High-sensitivity Multiplexed Detection. <i>Theranostics</i> , <b>2019</b> , 9, 7210-7221	12.1	11
271	A Nanoemulsion with A Porphyrin Shell for Cancer Theranostics. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 15116-15120	3.5	4
270	Aggregation: Glutathione Induced Transformation of Partially Hollow Gold/Silver Nanocages for Cancer Diagnosis and Photothermal Therapy (Small 35/2019). <i>Small</i> , <b>2019</b> , 15, 1970188	11	
269	A Molecular Beacon Based Surface-Enhanced Raman Scattering Nanotag for Noninvasive Diagnosis of Bladder Cancer. <i>Journal of Biomedical Nanotechnology</i> , <b>2019</b> , 15, 1589-1597	4	6
268	Trapping waves with tunable prism-coupling terahertz metasurfaces absorber. <i>Optics Express</i> , <b>2019</b> , 27, 25647-25655	3.3	6
267	Centroid-position-based autofocusing technique for Raman spectroscopy. <i>Optics Express</i> , <b>2019</b> , 27, 27354-27368	3.3	6
266	HR-Si prism coupled tightly confined spoof surface plasmon polaritons mode for terahertz sensing. <i>Optics Express</i> , <b>2019</b> , 27, 34067-34078	3.3	10
265	Human natural killer cells for targeting delivery of gold nanostars and bimodal imaging directed photothermal/photodynamic therapy and immunotherapy. <i>Cancer Biology and Medicine</i> , <b>2019</b> , 16, 756-770	5.2	15
264	Temperature gap drives directed diffusion in microfluidic chip system. <i>Microfluidics and Nanofluidics</i> , <b>2019</b> , 23, 1	2.8	0
263	Antimicrobial Activity of Cu(II) and Fe(III) with Pyridine Complexes as Ligands Contrary to Clinical Strains of Bacteria and Fungi Species. <i>Asian Journal of Chemistry</i> , <b>2019</b> , 31, 2323-2326	0.4	1
262	The vacuolization of macrophages induced by large amounts of inorganic nanoparticle uptake to enhance the immune response. <i>Nanoscale</i> , <b>2019</b> , 11, 22849-22859	7.7	19
261	Developing Gold Nanoparticles-Conjugated Aflatoxin B1 Antifungal Strips. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	11
260	A modular approach for cytosolic protein delivery: metal ion-induced self-assembly of gold nanoclusters as a general platform. <i>Nanoscale</i> , <b>2019</b> , 11, 22237-22242	7.7	11
259	comparison of the biodistribution and long-term fate of colloids - gold nanoprisms and nanorods - with minimum surface modification. <i>Nanomedicine</i> , <b>2019</b> , 14, 3035-3055	5.6	4
258	Genotypes and Hot Spot Mutations of Hepatitis B Virus in Northwest Chinese Population and Its Correlation with Diseases Progression. <i>BioMed Research International</i> , <b>2019</b> , 2019, 3890962	3	4



257	Multiplex detection of miRNAs based on aggregation-induced emission luminogen encoded microspheres.. <i>RSC Advances</i> , <b>2019</b> , 9, 39976-39985	3.7	3
256	pH-responsive gold nanoclusters-based nanoprobes for lung cancer targeted near-infrared fluorescence imaging and chemo-photodynamic therapy. <i>Acta Biomaterialia</i> , <b>2018</b> , 68, 308-319	10.8	62
255	Mimicking Pathogenic Invasion with the Complexes of Au(SG)-Engineered Assemblies and Folic Acid. <i>ACS Nano</i> , <b>2018</b> , 12, 4408-4418	16.7	34
254	Charge-switchable nanocapsules with multistage pH-responsive behaviours for enhanced tumour-targeted chemo/photodynamic therapy guided by NIR/MR imaging. <i>Nanoscale</i> , <b>2018</b> , 10, 9707-9719	7.7	33
253	Cytokine induced killer cells-assisted delivery of chlorin e6 mediated self-assembled gold nanoclusters to tumors for imaging and immuno-photodynamic therapy. <i>Biomaterials</i> , <b>2018</b> , 170, 1-11	15.6	55
252	Antibody-Conjugated Silica-Modified Gold Nanorods for the Diagnosis and Photo-Thermal Therapy of <i>Cryptococcus neoformans</i> : an Experiment In Vitro. <i>Nanoscale Research Letters</i> , <b>2018</b> , 13, 77	5	4
251	N-doped coaxial CNTs@Fe <sub>2</sub> O <sub>3</sub> @C nanofibers as anode material for high performance lithium ion battery. <i>Journal of Energy Chemistry</i> , <b>2018</b> , 27, 1453-1460	12	24
250	Sandwich-format ECL immunosensor based on Au star@BSA-Luminol nanocomposites for determination of human chorionic gonadotropin. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 101, 219-226	11.8	61
249	Novel insights into the selection to electron spin of chiral structure. <i>Nano Energy</i> , <b>2018</b> , 52, 142-152	17.1	9
248	Physicochemical Analysis of DPPC and Photopolymerizable Liposomal Binary Mixture for Spatiotemporal Drug Release. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 9487-9494	7.8	5
247	Salivary Analysis Based on Surface Enhanced Raman Scattering Sensors Distinguishes Early and Advanced Gastric Cancer Patients from Healthy Persons. <i>Journal of Biomedical Nanotechnology</i> , <b>2018</b> , 14, 1773-1784	4	30
246	Advances in isolation and detection of circulating tumor cells based on microfluidics. <i>Cancer Biology and Medicine</i> , <b>2018</b> , 15, 335-353	5.2	31
245	Terahertz phase jumps for ultra-sensitive graphene plasmon sensing. <i>Nanoscale</i> , <b>2018</b> , 10, 22466-22473	7.7	14
244	Surface-engineered nanobubbles with pH-/light-responsive drug release and charge-switchable behaviors for active NIR/MR/US imaging-guided tumor therapy. <i>NPG Asia Materials</i> , <b>2018</b> , 10, 1046-1060	10.3	16
243	High performance immunochromatographic assay for simultaneous quantitative detection of multiplex cardiac markers based on magnetic nanobeads. <i>Theranostics</i> , <b>2018</b> , 8, 6121-6131	12.1	36
242	Gd-Ion-induced carbon-dots self-assembly aggregates loaded with a photosensitizer for enhanced fluorescence/MRI dual imaging and antitumor therapy. <i>Nanoscale</i> , <b>2018</b> , 10, 19052-19063	7.7	39
241	Dual-modified cationic liposomes loaded with paclitaxel and survivin siRNA for targeted imaging and therapy of cancer stem cells in brain glioma. <i>Drug Delivery</i> , <b>2018</b> , 25, 1718-1727	7	40
240	Design and operation of reconfigurable two-dimensional DNA molecular arrays. <i>Nature Protocols</i> , <b>2018</b> , 13, 2312-2329	18.8	23

239	Graphene oxide wrapped with gold nanorods as a tag in a SERS based immunoassay for the hepatitis B surface antigen. <i>Mikrochimica Acta</i> , <b>2018</b> , 185, 458	5.8	24
238	Selective CO Evolution from Photoreduction of CO on a Metal-Carbide-Based Composite Catalyst. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 13071-13077	16.4	46
237	DNA-templated silver nanoclusters locate microRNAs in the nuclei of gastric cancer cells. <i>Nanoscale</i> , <b>2018</b> , 10, 11079-11090	7.7	22
236	Investigation of the Viability of Cells upon Co-Exposure to Gold and Iron Oxide Nanoparticles. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 2120-2125	6.3	10
235	Effects of Sr-HT-Gahnite on osteogenesis and angiogenesis by adipose derived stem cells for critical-sized calvarial defect repair. <i>Scientific Reports</i> , <b>2017</b> , 7, 41135	4.9	30
234	Design and Fabrication of a Stretchable Circuit Board for Wireless Posture Measurement. <i>IEEE Electron Device Letters</i> , <b>2017</b> , 38, 399-402	4.4	5
233	Synthesis of Highly Dispersed Fe <sub>3</sub> O <sub>4</sub> Submicrometer Spheres in a One-Pot Anion-induced Solvothermal System. <i>Journal of the Chinese Chemical Society</i> , <b>2017</b> , 64, 217-223	1.5	6
232	Dual Immunomagnetic Nanobeads-Based Lateral Flow Test Strip for Simultaneous Quantitative Detection of Carcinoembryonic Antigen and Neuron Specific Enolase. <i>Scientific Reports</i> , <b>2017</b> , 7, 42414	4.9	41
231	Multifunctional Core@Shell Magnetic Nanoprobes for Enhancing Targeted Magnetic Resonance Imaging and Fluorescent Labeling in Vitro and in Vivo. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 17777-17785	9.5	34
230	Smartphone-Based Dual-Modality Imaging System for Quantitative Detection of Color or Fluorescent Lateral Flow Immunochromatographic Strips. <i>Nanoscale Research Letters</i> , <b>2017</b> , 12, 291	5	42
229	In vivo high-efficiency targeted photodynamic therapy of ultra-small Fe <sub>3</sub> O <sub>4</sub> @polymer-NPO/PEG-Glc@Ce6 nanoprobes based on small size effect. <i>NPG Asia Materials</i> , <b>2017</b> , 9, e383-e383	10.3	19
228	Diverse Applications of Nanomedicine. <i>ACS Nano</i> , <b>2017</b> , 11, 2313-2381	16.7	714
227	Nanoparticles for multi-modality cancer diagnosis: Simple protocol for self-assembly of gold nanoclusters mediated by gadolinium ions. <i>Biomaterials</i> , <b>2017</b> , 120, 103-114	15.6	83
226	Use of quantum dot beads-labeled monoclonal antibody to improve the sensitivity of a quantitative and simultaneous immunochromatographic assay for neuron specific enolase and carcinoembryonic antigen. <i>Talanta</i> , <b>2017</b> , 164, 463-469	6.2	46
225	SERS Quantification and Characterization of Proteins and Other Biomolecules. <i>Langmuir</i> , <b>2017</b> , 33, 9711-9730	7.30	80
224	Large-scale immuno-magnetic cell sorting of T cells based on a self-designed high-throughput system for potential clinical application. <i>Nanoscale</i> , <b>2017</b> , 9, 13592-13599	7.7	19
223	Nanostructured anode materials for lithium-ion batteries: principle, recent progress and future perspectives. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 19521-19540	13	228
222	Interleukin-22 ameliorated renal injury and fibrosis in diabetic nephropathy through inhibition of NLRP3 inflammasome activation. <i>Cell Death and Disease</i> , <b>2017</b> , 8, e2937	9.8	56

221	In vivo targeted therapy of gastric tumors via the mechanical rotation of a flower-like Fe <sub>3</sub> O <sub>4</sub> @Au nanoprobe under an alternating magnetic field. <i>NPG Asia Materials</i> , <b>2017</b> , 9, e408-e408	10.3	18
220	Boundary-dependent mechanical properties of graphene annular under in-plane circular shearing via atomistic simulations. <i>Scientific Reports</i> , <b>2017</b> , 7, 41767	4.9	6
219	Tunable thermal conductivities of graphene and graphyne under in-plane torsion. <i>RSC Advances</i> , <b>2017</b> , 7, 54734-54740	3.7	3
218	Mitochondria-targeting near-infrared light-triggered thermosensitive liposomes for localized photothermal and photodynamic ablation of tumors combined with chemotherapy. <i>Nanoscale</i> , <b>2017</b> , 9, 11103-11118	7.7	59
217	Synergistic thermoradiotherapy based on PEGylated CuBiS ternary semiconductor nanorods with strong absorption in the second near-infrared window. <i>Biomaterials</i> , <b>2017</b> , 112, 164-175	15.6	123
216	Dual-Stimuli Responsive Nanotheranostics for Multimodal Imaging Guided Trimodal Synergistic Therapy. <i>Small</i> , <b>2017</b> , 13, 1602580	11	75
215	Mitomycin C-treated human-induced pluripotent stem cells as a safe delivery system of gold nanorods for targeted photothermal therapy of gastric cancer. <i>Nanoscale</i> , <b>2017</b> , 9, 334-340	7.7	27
214	Tunable ultrasensitive terahertz sensing based on surface plasmon polariton of doped monolayer graphene. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2017</b> , 214, 1600550	1.6	7
213	Carcinoembryonic antigen detection with "Handing"-controlled fluorescence spectroscopy using a color matrix for point-of-care applications. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 90, 508-515	11.8	35
212	Graphene/Insulator Stack Based Ultrasensitive Terahertz Sensor With Surface Plasmon Resonance. <i>IEEE Photonics Journal</i> , <b>2017</b> , 9, 1-11	1.8	10
211	Tumor-triggered drug release from calcium carbonate-encapsulated gold nanostars for near-infrared photodynamic/photothermal combination antitumor therapy. <i>Theranostics</i> , <b>2017</b> , 7, 1650-1662	12.1	75
210	USP22 maintains gastric cancer stem cell stemness and promotes gastric cancer progression by stabilizing BMI1 protein. <i>Oncotarget</i> , <b>2017</b> , 8, 33329-33342	3.3	22
209	Plasmonic gold nanoparticles for detection of fungi and human cutaneous fungal infections. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 4647-4658	4.4	24
208	Characteristics Analyses and Comparisons of the Protein Structure Networks Constructed by Different Methods. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , <b>2016</b> , 8, 65-74	3.5	6
207	Potassium sodium tartrate-assisted hydrothermal synthesis of BaLuF <sub>5</sub> :Yb <sup>3+</sup> /Er <sup>3+</sup> nanocrystals. <i>Particuology</i> , <b>2016</b> , 24, 164-169	2.8	8
206	Gold nanostars for efficient in vitro and in vivo real-time SERS detection and drug delivery via plasmonic-tunable Raman/FTIR imaging. <i>Biomaterials</i> , <b>2016</b> , 106, 87-97	15.6	100
205	Breath Analysis Based on Surface-Enhanced Raman Scattering Sensors Distinguishes Early and Advanced Gastric Cancer Patients from Healthy Persons. <i>ACS Nano</i> , <b>2016</b> , 10, 8169-79	16.7	137
204	Synthesis of ultra-long hierarchical ZnO whiskers in a hydrothermal system for dye-sensitised solar cells. <i>RSC Advances</i> , <b>2016</b> , 6, 109406-109413	3.7	10

203	Superparamagnetic FeO-PEG-FA@Ce6 Nanoprobes for in Vivo Dual-mode Imaging and Targeted Photodynamic Therapy. <i>Scientific Reports</i> , <b>2016</b> , 6, 36187	4.9	30
202	5-Aminolevulinic acid loaded ethosomal vesicles with high entrapment efficiency for in vitro topical transdermal delivery and photodynamic therapy of hypertrophic scars. <i>Nanoscale</i> , <b>2016</b> , 8, 19270-19279	7.7	22
201	Tumor-Responsive Small Molecule Self-Assembled Nanosystem for Simultaneous Fluorescence Imaging and Chemotherapy of Lung Cancer. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 8735-8745	15.6	34
200	Chiral Antioxidant-based Gold Nanoclusters Reprogram DNA Epigenetic Patterns. <i>Scientific Reports</i> , <b>2016</b> , 6, 33436	4.9	21
199	Persisting and Increasing Neutrophil Infiltration Associates with Gastric Carcinogenesis and E-cadherin Downregulation. <i>Scientific Reports</i> , <b>2016</b> , 6, 29762	4.9	24
198	Graphene Oxide-Copper Nanocomposite-Coated Porous CaP Scaffold for Vascularized Bone Regeneration via Activation of Hif-1 $\beta$ . <i>Advanced Healthcare Materials</i> , <b>2016</b> , 5, 1299-309	10.1	97
197	CdSe/ZnS Quantum Dot-Labeled Lateral Flow Strips for Rapid and Quantitative Detection of Gastric Cancer Carbohydrate Antigen 72-4. <i>Nanoscale Research Letters</i> , <b>2016</b> , 11, 138	5	26
196	Egg White Templated Synthesis of Ag and Au@Ag Alloy Microspheres for Surface-Enhanced Raman Spectroscopy Research. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2016</b> , 16, 939-43	1.3	2
195	Human Induced Pluripotent Stem Cells for Tumor Targeted Delivery of Gold Nanorods and Enhanced Photothermal Therapy. <i>ACS Nano</i> , <b>2016</b> , 10, 2375-85	16.7	160
194	Graphene Oxides Decorated with Carnosine as an Adjuvant To Modulate Innate Immune and Improve Adaptive Immunity in Vivo. <i>ACS Nano</i> , <b>2016</b> , 10, 2203-13	16.7	61
193	Glucose-functionalized Au nanoprisms for optoacoustic imaging and near-infrared photothermal therapy. <i>Nanoscale</i> , <b>2016</b> , 8, 492-9	7.7	36
192	A robust and easily integrated plasma separation chip using gravitational sedimentation of blood cells filling-in high-aspect-ratio weir structure. <i>RSC Advances</i> , <b>2016</b> , 6, 30722-30727	3.7	5
191	Simultaneous Quantitative Detection of Helicobacter Pylori Based on a Rapid and Sensitive Testing Platform using Quantum Dots-Labeled Immunochromatographic Test Strips. <i>Nanoscale Research Letters</i> , <b>2016</b> , 11, 62	5	14
190	Rapid detection and quantification of tumor marker carbohydrate antigen 72-4 (CA72-4) using a superparamagnetic immunochromatographic strip. <i>Analytical and Bioanalytical Chemistry</i> , <b>2016</b> , 408, 2319-27	4.4	31
189	Hairpin DNA-Templated Silver Nanoclusters as Novel Beacons in Strand Displacement Amplification for MicroRNA Detection. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 1294-302	7.8	93
188	MMP2-Targeting and Redox-Responsive PEGylated Chlorin e6 Nanoparticles for Cancer Near-Infrared Imaging and Photodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 1447-57	9.5	86
187	Inhibition of autophagy overcomes the nanotoxicity elicited by cadmium-based quantum dots. <i>Biomaterials</i> , <b>2016</b> , 78, 102-14	15.6	64
186	pH-Sensitive self-assembling nanoparticles for tumor near-infrared fluorescence imaging and chemo-photodynamic combination therapy. <i>Nanoscale</i> , <b>2016</b> , 8, 104-16	7.7	113

185	Birth of MTH1 as a therapeutic target for glioblastoma: MTH1 is indispensable for gliomatogenesis. <i>American Journal of Translational Research (discontinued)</i> , <b>2016</b> , 8, 2803-11	3	19
184	Gold Nanorods-Based Theranostics for Simultaneous Fluorescence/Two-Photon Luminescence Imaging and Synergistic Phototherapies. <i>Journal of Nanomaterials</i> , <b>2016</b> , 2016, 1-10	3.2	6
183	3D Plasmonic Ensembles of Graphene Oxide and Nobel Metal Nanoparticles with Ultrahigh SERS Activity and Sensitivity. <i>Journal of Nanomaterials</i> , <b>2016</b> , 2016, 1-8	3.2	2
182	Contactless Measurement of Magnetic Nanoparticles on Lateral Flow Strips Using Tunneling Magnetoresistance (TMR) Sensors in Differential Configuration. <i>Sensors</i> , <b>2016</b> , 16,	3.8	28
181	ROS-Responsive Mitochondria-Targeting Blended Nanoparticles: Chemo- and Photodynamic Synergistic Therapy for Lung Cancer with On-Demand Drug Release upon Irradiation with a Single Light Source. <i>Theranostics</i> , <b>2016</b> , 6, 2352-2366	12.1	107
180	Near-Infrared Light Triggered ROS-activated Theranostic Platform based on Ce6-CPT-UCNPs for Simultaneous Fluorescence Imaging and Chemo-Photodynamic Combined Therapy. <i>Theranostics</i> , <b>2016</b> , 6, 456-69	12.1	133
179	Co-delivery of VEGF and bFGF via a PLGA nanoparticle-modified BAM for effective contracture inhibition of regenerated bladder tissue in rabbits. <i>Scientific Reports</i> , <b>2016</b> , 6, 20784	4.9	36
178	Hydrothermal Synthesis of Monodispersed BaGdF5:Yb/Er Nanoparticles for CT and MR Imaging. <i>Journal of the Chinese Chemical Society</i> , <b>2016</b> , 63, 977-984	1.5	5
177	Gold nanoprisms as a hybrid in vivo cancer theranostic platform for in situ photoacoustic imaging, angiography, and localized hyperthermia. <i>Nano Research</i> , <b>2016</b> , 9, 1043-1056	10	56
176	Non-catalytic roles for TET1 protein negatively regulating neuronal differentiation through srGAP3 in neuroblastoma cells. <i>Protein and Cell</i> , <b>2016</b> , 7, 351-61	7.2	17
175	VEGF-Loaded Nanoparticle-Modified BAMAs Enhance Angiogenesis and Inhibit Graft Shrinkage in Tissue-Engineered Bladder. <i>Annals of Biomedical Engineering</i> , <b>2015</b> , 43, 2577-86	4.7	35
174	The Influence of PSCA Gene Variation on Its Expression and Gastric Adenocarcinoma Susceptibility in the Northwest Chinese Population. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 11648-58	6.3	5
173	Synthesis of three-dimensional rare-earth ions doped CNTs-GO-Fe3O4 hybrid structures using one-pot hydrothermal method. <i>Journal of Alloys and Compounds</i> , <b>2015</b> , 649, 82-88	5.7	15
172	Allogenic dendritic cell and tumor cell fused vaccine for targeted imaging and enhanced immunotherapeutic efficacy of gastric cancer. <i>Biomaterials</i> , <b>2015</b> , 54, 177-87	15.6	42
171	The transducible TAT-RIZ1-PR protein exerts histone methyltransferase activity and tumor-suppressive functions in human malignant meningiomas. <i>Biomaterials</i> , <b>2015</b> , 56, 165-78	15.6	12
170	RNAi-based glyconanoparticles trigger apoptotic pathways for in vitro and in vivo enhanced cancer-cell killing. <i>Nanoscale</i> , <b>2015</b> , 7, 9083-91	7.7	28
169	Hydrothermal Targeted-Explosion Synthesis of Hollow/Porous Upconversion Nano- and Microcrystals with Potential for Luminescent Displays and Biological Imaging. <i>ChemNanoMat</i> , <b>2015</b> , 1, 128-134	3.5	6
168	Crystal cell oriented-rotation triggered phase transition of porous upconversion nanocrystals synthesis in hydrothermal system. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 3948-3958	7.3	3



167	Surface Functionalization of Chemically Reduced Graphene Oxide for Targeted Photodynamic Therapy. <i>Journal of Biomedical Nanotechnology</i> , <b>2015</b> , 11, 117-25	4	56
166	Hydrophilic and blue fluorescent N-doped carbon dots from tartaric acid and various alkylol amines under microwave irradiation. <i>Nanoscale</i> , <b>2015</b> , 7, 15915-23	7.7	62
165	A nanomedicine approach to effectively inhibit contracture during bladder acellular matrix allograft-induced bladder regeneration by sustained delivery of vascular endothelial growth factor. <i>Tissue Engineering - Part A</i> , <b>2015</b> , 21, 45-52	3.9	8
164	Preparation of gold nanorods with different aspect ratio and the optical response to solution refractive index. <i>Journal of Experimental Nanoscience</i> , <b>2015</b> , 10, 258-267	1.9	18
163	Sea-urchin-like Au nanocluster with surface-enhanced raman scattering in detecting epidermal growth factor receptor (EGFR) mutation status of malignant pleural effusion. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 359-69	9.5	28
162	CNTs in situ attached to Fe <sub>2</sub> O <sub>3</sub> submicron spheres for enhancing lithium storage capacity. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 340-50	9.5	24
161	Ultrafine ferroferric oxide nanoparticles embedded into mesoporous carbon nanotubes for lithium ion batteries. <i>Scientific Reports</i> , <b>2015</b> , 5, 17553	4.9	32
160	Bioresponsive antisense DNA gold nanobeacons as a hybrid in vivo theranostics platform for the inhibition of cancer cells and metastasis. <i>Scientific Reports</i> , <b>2015</b> , 5, 12297	4.9	28
159	Regression of Gastric Cancer by Systemic Injection of RNA Nanoparticles Carrying both Ligand and siRNA. <i>Scientific Reports</i> , <b>2015</b> , 5, 10726	4.9	79
158	A Novel Electrochemical Microfluidic Chip Combined with Multiple Biomarkers for Early Diagnosis of Gastric Cancer. <i>Nanoscale Research Letters</i> , <b>2015</b> , 10, 477	5	42
157	Dual targeted immunotherapy via delivery of biohybrid RNAi-peptide nanoparticles to tumour-associated macrophages and cancer cells. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 4183-4194	15.6	153
156	An anion-induced hydrothermal oriented-explosive strategy for the synthesis of porous upconversion nanocrystals. <i>Theranostics</i> , <b>2015</b> , 5, 456-68	12.1	10
155	Insights into the distinguishing stress-induced cytotoxicity of chiral gold nanoclusters and the relationship with GSTP1. <i>Theranostics</i> , <b>2015</b> , 5, 134-49	12.1	40
154	Circulating MiR-16-5p and MiR-19b-3p as Two Novel Potential Biomarkers to Indicate Progression of Gastric Cancer. <i>Theranostics</i> , <b>2015</b> , 5, 733-45	12.1	110
153	CD44v6 Monoclonal Antibody-Conjugated Gold Nanostars for Targeted Photoacoustic Imaging and Plasmonic Photothermal Therapy of Gastric Cancer Stem-like Cells. <i>Theranostics</i> , <b>2015</b> , 5, 970-84	12.1	112
152	Genetic Variation of BCL2 (rs2279115), NEIL2 (rs804270), LTA (rs909253), PSCA (rs2294008) and PLCE1 (rs3765524, rs10509670) Genes and Their Correlation to Gastric Cancer Risk Based on Universal Tagged Arrays and Fe <sub>3</sub> O <sub>4</sub> Magnetic Nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , <b>2015</b> , 11, 2057-64	4	33
151	Gold Nanoclusters-Based Nanoprobes for Simultaneous Fluorescence Imaging and Targeted Photodynamic Therapy with Superior Penetration and Retention Behavior in Tumors. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 1314-1325	15.6	156
150	Human induced pluripotent stem cells labeled with fluorescent magnetic nanoparticles for targeted imaging and hyperthermia therapy for gastric cancer. <i>Cancer Biology and Medicine</i> , <b>2015</b> , 12, 163-74	5.2	12



149	Antibody-drug gold nanoantennas with Raman spectroscopic fingerprints for in vivo tumour theranostics. <i>Journal of Controlled Release</i> , <b>2014</b> , 183, 87-93	11.7	86
148	Polyamidoamine dendrimer liposome-mediated survivin antisense oligonucleotide inhibits hepatic cancer cell proliferation by inducing apoptosis. <i>Tumor Biology</i> , <b>2014</b> , 35, 5013-9	2.9	7
147	A CCD-based reader combined with CdS quantum dot-labeled lateral flow strips for ultrasensitive quantitative detection of CagA. <i>Nanoscale Research Letters</i> , <b>2014</b> , 9, 57	5	37
146	A novel HBV genotypes detecting system combined with microfluidic chip, loop-mediated isothermal amplification and GMR sensors. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 54, 372-7	11.8	60
145	Tuning lanthanide ion-doped upconversion nanocrystals with different shapes via a one-pot cationic surfactant-assisted hydrothermal strategy. <i>CrystEngComm</i> , <b>2014</b> , 16, 1859	3.3	19
144	Multifunctional biodegradable mesoporous microspheres of Eu-doped amorphous calcium phosphate: microwave-assisted preparation, pH-sensitive drug release, and bioimaging application. <i>Journal of Materials Chemistry B</i> , <b>2014</b> , 2, 7132-7140	7.3	43
143	Combination of small molecule prodrug and nanodrug delivery: amphiphilic drug-drug conjugate for cancer therapy. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 11748-56	16.4	535
142	A multifunctional ribonuclease A-conjugated carbon dot cluster nanosystem for synchronous cancer imaging and therapy. <i>Nanoscale Research Letters</i> , <b>2014</b> , 9, 397	5	38
141	Stress-induced cytotoxicity of chiral Ag nanoclusters. <i>Journal of Materials Chemistry B</i> , <b>2014</b> , 2, 6931-6938	3.3	14
140	Capillary-driven surface-enhanced Raman scattering (SERS)-based microfluidic chip for abrin detection. <i>Nanoscale Research Letters</i> , <b>2014</b> , 9, 138	5	30
139	BRCA1 antibody- and Her2 antibody-conjugated amphiphilic polymer engineered CdSe/ZnS quantum dots for targeted imaging of gastric cancer. <i>Nanoscale Research Letters</i> , <b>2014</b> , 9, 244	5	30
138	RGD-conjugated silica-coated gold nanorods on the surface of carbon nanotubes for targeted photoacoustic imaging of gastric cancer. <i>Nanoscale Research Letters</i> , <b>2014</b> , 9, 264	5	57
137	HAI-178 antibody-conjugated fluorescent magnetic nanoparticles for targeted imaging and simultaneous therapy of gastric cancer. <i>Nanoscale Research Letters</i> , <b>2014</b> , 9, 274	5	15
136	UV/O <sub>3</sub> Generated Graphene Nanomesh: Formation Mechanism, Properties, and FET Studies. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 725-731	3.8	42
135	Blood plasma separation microfluidic chip with gradual filtration. <i>Microelectronic Engineering</i> , <b>2014</b> , 128, 36-41	2.5	29
134	Identification of volatile biomarkers of gastric cancer cells and ultrasensitive electrochemical detection based on sensing interface of Au-Ag alloy coated MWCNTs. <i>Theranostics</i> , <b>2014</b> , 4, 154-62	12.1	61
133	Carbon nanotubes as VEGF carriers to improve the early vascularization of porcine small intestinal submucosa in abdominal wall defect repair. <i>International Journal of Nanomedicine</i> , <b>2014</b> , 9, 1275-86	7.3	21
132	Electrochemical ascorbic acid/hydroquinone detection on graphene electrode and the electro-active site study. <i>Journal of Experimental Nanoscience</i> , <b>2014</b> , 9, 452-462	1.9	5

131	Enhanced in vivo delivery of 5-fluorouracil by ethosomal gels in rabbit ear hypertrophic scar model. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 22786-800	6.3	8
130	TET1 exerts its tumor suppressor function by interacting with p53-EZH2 pathway in gastric cancer. <i>Journal of Biomedical Nanotechnology</i> , <b>2014</b> , 10, 1217-30	4	54
129	Dynamics of ten-eleven translocation hydroxylase family proteins and 5-hydroxymethylcytosine in oligodendrocyte differentiation. <i>Glia</i> , <b>2014</b> , 62, 914-26	9	38
128	A link between the nuclear-localized srGAP3 and the SWI/SNF chromatin remodeler Brg1. <i>Molecular and Cellular Neurosciences</i> , <b>2014</b> , 60, 10-25	4.8	7
127	Folic acid-conjugated silica capped gold nanoclusters for targeted fluorescence/X-ray computed tomography imaging. <i>Journal of Nanobiotechnology</i> , <b>2013</b> , 11, 17	9.4	67
126	In vivo tumor targeting via nanoparticle-mediated therapeutic siRNA coupled to inflammatory response in lung cancer mouse models. <i>Biomaterials</i> , <b>2013</b> , 34, 7744-53	15.6	117
125	PEG-200-assisted hydrothermal method for the controlled-synthesis of highly dispersed hollow Fe <sub>3</sub> O <sub>4</sub> nanoparticles. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 574, 340-344	5.7	31
124	Recent advances in lanthanide-doped upconversion nanomaterials: synthesis, nanostructures and surface modification. <i>Nanoscale</i> , <b>2013</b> , 5, 11512-25	7.7	87
123	MicroRNA-218 inhibits glioma invasion, migration, proliferation, and cancer stem-like cell self-renewal by targeting the polycomb group gene Bmi1. <i>Cancer Research</i> , <b>2013</b> , 73, 6046-55	10.1	193
122	Glutathione-capped fluorescent gold nanoclusters for dual-modal fluorescence/X-ray computed tomography imaging. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 5045-5053	7.3	84
121	Synthesis of Ribonuclease-A conjugated Ag <sub>2</sub> S quantum dots clusters via biomimetic route. <i>Materials Letters</i> , <b>2013</b> , 96, 224-227	3.3	32
120	Nanoprisms: Gold Nanoprisms as Optoacoustic Signal Nanoamplifiers for In Vivo Bioimaging of Gastrointestinal Cancers (Small 1/2013). <i>Small</i> , <b>2013</b> , 9, 67-67	11	2
119	Axial compressive Fe <sub>2</sub> O <sub>3</sub> microdisks prepared from CSS template for potential anode materials of lithium ion batteries. <i>Nano Energy</i> , <b>2013</b> , 2, 1010-1018	17.1	40
118	An enhanced impedance cytosensor based on folate conjugated-polyethylenimine-carbon nanotubes for tumor targeting. <i>Electrochemistry Communications</i> , <b>2013</b> , 29, 4-7	5.1	17
117	Photosensitizer-conjugated silica-coated gold nanoclusters for fluorescence imaging-guided photodynamic therapy. <i>Biomaterials</i> , <b>2013</b> , 34, 4643-54	15.6	182
116	The immunotoxicity of graphene oxides and the effect of PVP-coating. <i>Biomaterials</i> , <b>2013</b> , 34, 5254-61	15.6	148
115	The antifungal activity of graphene oxide-silver nanocomposites. <i>Biomaterials</i> , <b>2013</b> , 34, 3882-90	15.6	204
114	Photosensitizer-loaded gold vesicles with strong plasmonic coupling effect for imaging-guided photothermal/photodynamic therapy. <i>ACS Nano</i> , <b>2013</b> , 7, 5320-9	16.7	534

113	One-pot hydrothermal synthesis of lanthanide ions doped one-dimensional upconversion submicrocrystals and their potential application in vivo CT imaging. <i>Nanoscale</i> , <b>2013</b> , 5, 351-62	7.7	63
112	Picomolar detection of mercuric ions by means of gold-silver core-shell nanorods. <i>Nanoscale</i> , <b>2013</b> , 5, 6731-5	7.7	38
111	Bio-mimetically synthesized Ag@BSA microspheres as a novel electrochemical biosensing interface for sensitive detection of tumor cells. <i>Biosensors and Bioelectronics</i> , <b>2013</b> , 41, 656-62	11.8	65
110	One Step Quick Detection of Cancer Cell Surface Marker by Integrated NiFe-based Magnetic Biosensing Cell Cultural Chip. <i>Nano-Micro Letters</i> , <b>2013</b> , 5, 213-222	19.5	13
109	Gold nanoprisms as optoacoustic signal nanoamplifiers for in vivo bioimaging of gastrointestinal cancers. <i>Small</i> , <b>2013</b> , 9, 68-74	11	108
108	Toxicity assessments of near-infrared upconversion luminescent LaF <sub>3</sub> :Yb,Er in early development of zebrafish embryos. <i>Theranostics</i> , <b>2013</b> , 3, 258-66	12.1	69
107	Phase and size controllable synthesis of NaYbF <sub>4</sub> nanocrystals in oleic acid/ionic liquid two-phase system for targeted fluorescent imaging of gastric cancer. <i>Theranostics</i> , <b>2013</b> , 3, 210-22	12.1	51
106	The inverse F-BAR domain protein srGAP2 acts through srGAP3 to modulate neuronal differentiation and neurite outgrowth of mouse neuroblastoma cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e57865	3.7	32
105	Identification of 5-Iodotubercidin as a genotoxic drug with anti-cancer potential. <i>PLoS ONE</i> , <b>2013</b> , 8, e62527	3.7	19
104	A systematically combined genotype and functional combination analysis of CYP2E1, CYP2D6, CYP2C9, CYP2C19 in different geographic areas of mainland China--a basis for personalized therapy. <i>PLoS ONE</i> , <b>2013</b> , 8, e71934	3.7	6
103	One Step Quick Detection of Cancer Cell Surface Marker by Integrated NiFe-based Magnetic Biosensing Cell Cultural Chip <b>2013</b> , 5, 213		3
102	Multifunctional Eu <sup>3+</sup> /Gd <sup>3+</sup> dual-doped calcium phosphate vesicle-like nanospheres for sustained drug release and imaging. <i>Biomaterials</i> , <b>2012</b> , 33, 6447-55	15.6	112
101	Direct electrochemistry and electrocatalysis of hemoglobin immobilized into halloysite nanotubes/room temperature ionic liquid composite film. <i>Sensors and Actuators B: Chemical</i> , <b>2012</b> , 162, 143-148	8.5	25
100	Hierarchically assembled Au microspheres and sea urchin-like architectures: formation mechanism and SERS study. <i>Nanoscale</i> , <b>2012</b> , 4, 7766-72	7.7	84
99	Quick genotyping detection of HBV by giant magnetoresistive biochip combined with PCR and line probe assay. <i>Lab on A Chip</i> , <b>2012</b> , 12, 741-5	7.2	34
98	Protein-induced structural evolution of silver sulfide at the nanoscale: from hollow particles to solid spheres. <i>Nanoscale</i> , <b>2012</b> , 4, 4455-8	7.7	15
97	HER2 monoclonal antibody conjugated RNase-A-associated CdTe quantum dots for targeted imaging and therapy of gastric cancer. <i>Biomaterials</i> , <b>2012</b> , 33, 7093-102	15.6	67
96	Green controllable synthesis of silver nanomaterials on graphene oxide sheets via spontaneous reduction. <i>RSC Advances</i> , <b>2012</b> , 2, 3816	3.7	74

95	Superparamagnetic Fe <sub>3</sub> O <sub>4</sub> @Ag hybrid nanocrystals as a potential contrast agent for CT imaging. <i>CrystEngComm</i> , <b>2012</b> , 14, 7556	3.3	11
94	In vitro study of ethosome penetration in human skin and hypertrophic scar tissue. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2012</b> , 8, 1026-33	6	52
93	Enhanced bioavailability and efficiency of curcumin for the treatment of asthma by its formulation in solid lipid nanoparticles. <i>International Journal of Nanomedicine</i> , <b>2012</b> , 7, 3667-77	7.3	126
92	Ag@BSA core/shell microspheres as an electrochemical interface for sensitive detection of urinary retinal-binding protein. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 10324-31	7.8	76
91	Mesoporous multifunctional upconversion luminescent and magnetic "nanorattle" materials for targeted chemotherapy. <i>Nano Letters</i> , <b>2012</b> , 12, 61-7	11.5	340
90	Chiral guanosine 5'-monophosphate-capped gold nanoflowers: Controllable synthesis, characterization, surface-enhanced Raman scattering activity, cellular imaging and photothermal therapy. <i>Nano Research</i> , <b>2012</b> , 5, 630-639	10	57
89	Folic acid-conjugated LaF <sub>3</sub> :Yb,Tm@SiO <sub>2</sub> nanoprobe for targeting dual-modality imaging of upconversion luminescence and X-ray computed tomography. <i>Journal of Physical Chemistry B</i> , <b>2012</b> , 116, 14062-70	3.4	91
88	Cell-penetrating magnetic nanoparticles for highly efficient delivery and intracellular imaging of siRNA. <i>Biomacromolecules</i> , <b>2012</b> , 13, 2723-30	6.9	59
87	Differential expression of phospholipase C epsilon 1 is associated with chronic atrophic gastritis and gastric cancer. <i>PLoS ONE</i> , <b>2012</b> , 7, e47563	3.7	21
86	RGD-conjugated gold nanorods induce radiosensitization in melanoma cancer cells by downregulating $\beta$ -tubulin expression. <i>International Journal of Nanomedicine</i> , <b>2012</b> , 7, 915-24	7.3	48
85	Egg white-mediated green synthesis of silver nanoparticles with excellent biocompatibility and enhanced radiation effects on cancer cells. <i>International Journal of Nanomedicine</i> , <b>2012</b> , 7, 2101-7	7.3	87
84	Rolling up graphene oxide sheets into micro/nanoscrolls by nanoparticle aggregation. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 17441		63
83	Light-triggered theranostics based on photosensitizer-conjugated carbon dots for simultaneous enhanced-fluorescence imaging and photodynamic therapy. <i>Advanced Materials</i> , <b>2012</b> , 24, 5104-10	24	557
82	Phase- and size-controllable synthesis of hexagonal upconversion rare-earth fluoride nanocrystals through an oleic acid/ionic liquid two-phase system. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 5954-69	4.8	37
81	DiR-labeled Embryonic Stem Cells for Targeted Imaging of in vivo Gastric Cancer Cells. <i>Theranostics</i> , <b>2012</b> , 2, 618-28	12.1	55
80	Synthesis of ribonuclease A-conjugated CdS quantum dots and its photocatalytic properties. <i>Micro and Nano Letters</i> , <b>2012</b> , 7, 1023-1025	0.9	4
79	Optimized preparation of celastrol-loaded polymeric nanomicelles using rotatable central composite design and response surface methodology. <i>Journal of Biomedical Nanotechnology</i> , <b>2012</b> , 8, 491-9	4	17
78	A CCD-based reader combined quantum dots-labeled lateral flow strips for ultrasensitive quantitative detection of anti-HBs antibody. <i>Journal of Biomedical Nanotechnology</i> , <b>2012</b> , 8, 372-9	4	26

77	Functionalized gold nanorods for tumor imaging and targeted therapy. <i>Cancer Biology and Medicine</i> , <b>2012</b> , 9, 221-33	5.2	46
76	Protein-directed one-pot synthesis of Ag microspheres with good biocompatibility and enhancement of radiation effects on gastric cancer cells. <i>Nanoscale</i> , <b>2011</b> , 3, 3623-6	7.7	70
75	Gram scale synthesis of superparamagnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles and fluid via a facile solvothermal route. <i>CrystEngComm</i> , <b>2011</b> , 13, 1782-1785	3.3	46
74	Mesoporous silica-coated gold nanorods with embedded indocyanine green for dual mode X-ray CT and NIR fluorescence imaging. <i>Optics Express</i> , <b>2011</b> , 19, 17030-9	3.3	111
73	Efficient preparation and labeling of human induced pluripotent stem cells by nanotechnology. <i>International Journal of Nanomedicine</i> , <b>2011</b> , 6, 425-35	7.3	38
72	Dendrimer-modified gold nanorods as efficient controlled gene delivery system under near-infrared light irradiation. <i>Journal of Controlled Release</i> , <b>2011</b> , 152 Suppl 1, e137-9	11.7	30
71	The photoluminescence, drug delivery and imaging properties of multifunctional Eu <sup>3+</sup> /Gd <sup>3+</sup> dual-doped hydroxyapatite nanorods. <i>Biomaterials</i> , <b>2011</b> , 32, 9031-9	15.6	261
70	Folic acid-conjugated silica-modified gold nanorods for X-ray/CT imaging-guided dual-mode radiation and photo-thermal therapy. <i>Biomaterials</i> , <b>2011</b> , 32, 9796-809	15.6	353
69	Tumor-specific expression of microRNA-26a suppresses human hepatocellular carcinoma growth via cyclin-dependent and -independent pathways. <i>Molecular Therapy</i> , <b>2011</b> , 19, 1521-8	11.7	97
68	Dual Phase-Controlled Synthesis of Uniform Lanthanide-Doped NaGdF <sub>4</sub> Upconversion Nanocrystals Via an OA/Ionic Liquid Two-Phase System for In Vivo Dual-Modality Imaging. <i>Advanced Functional Materials</i> , <b>2011</b> , 21, 4470-4477	15.6	205
67	A prototype of giant magnetoimpedance-based biosensing system for targeted detection of gastric cancer cells. <i>Biosensors and Bioelectronics</i> , <b>2011</b> , 26, 3246-53	11.8	72
66	Circular dichroism and UV-Vis absorption spectroscopic monitoring of production of chiral silver nanoparticles templated by guanosine 5' monophosphate. <i>Analyst, The</i> , <b>2011</b> , 136, 3713-9	5	27
65	One-step synthesis of Fe <sub>3</sub> O <sub>4</sub> @C nanotubes for the immobilization of adriamycin. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 12224		23
64	Synthesis of ultrasmall nucleotide-functionalized superparamagnetic γ-Fe <sub>2</sub> O <sub>3</sub> nanoparticles. <i>CrystEngComm</i> , <b>2011</b> , 13, 4810	3.3	24
63	Synthesis of single-crystalline γ-Fe <sub>2</sub> O <sub>3</sub> nanobelts via a facile PEG-200 assisted solution route. <i>CrystEngComm</i> , <b>2011</b> , 13, 6045	3.3	19
62	Preparation of FeCO <sub>3</sub> @Fe <sub>3</sub> O <sub>4</sub> nanoparticles and flower-like assemblies via a one-step hydrothermal method. <i>CrystEngComm</i> , <b>2011</b> , 13, 6950	3.3	10
61	The potential of magnetic nanocluster and dual-functional protein-based strategy for noninvasive detection of HBV surface antibodies. <i>Analyst, The</i> , <b>2011</b> , 136, 679-83	5	10
60	Photosensitizer-conjugated magnetic nanoparticles for in vivo simultaneous magnetofluorescent imaging and targeting therapy. <i>Biomaterials</i> , <b>2011</b> , 32, 3447-58	15.6	225

59	Gram-scale synthesis and shape evolution of micro-CaCO <sub>3</sub> . <i>Powder Technology</i> , <b>2011</b> , 205, 270-275	5.2	12
58	Preparation of ethosomes and deformable liposomes encapsulated with 5-fluorouracil and their investigation of permeability and retention in hypertrophic scar. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2011</b> , 11, 7840-7	1.3	16
57	A silicon dioxide modified magnetic nanoparticles-labeled lateral flow strips for HBs antigen. <i>Journal of Biomedical Nanotechnology</i> , <b>2011</b> , 7, 776-81	4	22
56	Enhancement of gastric cell radiation sensitivity by chitosan-modified gold nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2011</b> , 11, 9528-35	1.3	13
55	Biocompatibility of Graphene Oxide. <i>Nanoscale Research Letters</i> , <b>2011</b> , 6, 8	5	55 <sup>2</sup>
54	Single Walled Carbon Nanotubes Exhibit Dual-Phase Regulation to Exposed Arabidopsis Mesophyll Cells. <i>Nanoscale Research Letters</i> , <b>2011</b> , 6, 44	5	35
53	Folic Acid-conjugated Graphene Oxide loaded with Photosensitizers for Targeting Photodynamic Therapy. <i>Theranostics</i> , <b>2011</b> , 1, 240-50	12.1	43 <sup>8</sup>
52	Arginine-glycine-aspartic acid-conjugated dendrimer-modified quantum dots for targeting and imaging melanoma. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 4859-67	1.3	31
51	Preparation of HIV-1 Env protein and establishment of ultrasensitive detection method of HIV-1 gp41 antibody. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 6618-23	1.3	1
50	Bio-Inspired Synthesis of Bovine Serum Albumin-Conjugated Ag <sub>2</sub> Se/Se Core/Shell Heterostructure Nanoparticles at Room Temperature. <i>Current Nanoscience</i> , <b>2010</b> , 6, 446-451	1.4	7
49	Bacteria-template synthesized silver microspheres with hollow and porous structures as excellent SERS substrate. <i>Green Chemistry</i> , <b>2010</b> , 12, 2038	10	114
48	Synthesis and Characterization of Bovine Serum Albumin-Conjugated Copper Sulfide Nanocomposites. <i>Journal of Nanomaterials</i> , <b>2010</b> , 2010, 1-6	3.2	3 <sup>8</sup>
47	Corrosion inhibition during synthesis of Cu <sub>2</sub> O nanoparticles by 1,3-diaminopropylene in solution. <i>Corrosion Science</i> , <b>2010</b> , 52, 2804-2812	6.8	11
46	Preparation and characterization of different sizes of ethosomes encapsulated with 5-fluorouracil and its experimental study of permeability in hypertrophic scar. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 4178-83	1.3	9
45	RGD-conjugated dendrimer-modified gold nanorods for in vivo tumor targeting and photothermal therapy. <i>Molecular Pharmaceutics</i> , <b>2010</b> , 7, 94-104	5.6	27 <sup>0</sup>
44	A novel quantum dots-based point of care test for syphilis. <i>Nanoscale Research Letters</i> , <b>2010</b> , 5, 875-81	5	68
43	Copper selenide nanosnakes: bovine serum albumin-assisted room temperature controllable synthesis and characterization. <i>Nanoscale Research Letters</i> , <b>2010</b> , 5, 949-56	5	56
42	Aptamer-conjugated dendrimer-modified quantum dots for cancer cell targeting and imaging. <i>Materials Letters</i> , <b>2010</b> , 64, 375-378	3.3	73



41	Anti-HIF-1alpha antibody-conjugated pluronic triblock copolymers encapsulated with Paclitaxel for tumor targeting therapy. <i>Biomaterials</i> , <b>2010</b> , 31, 2302-12	15.6	95
40	A multifunctional ribonuclease-A-conjugated CdTe quantum dot cluster nanosystem for synchronous cancer imaging and therapy. <i>Small</i> , <b>2010</b> , 6, 2367-73	11	56
39	Microwave Rapid Synthesis of Nanoporous Fe <sub>3</sub> O <sub>4</sub> Magnetic Microspheres. <i>Current Nanoscience</i> , <b>2009</b> , 5, 485-488	1.4	32
38	Preparation of fluorescence ethosomes based on quantum dots and their skin scar penetration properties. <i>Materials Letters</i> , <b>2009</b> , 63, 1662-1664	3.3	14
37	Advances and prospect of nanotechnology in stem cells. <i>Nanoscale Research Letters</i> , <b>2009</b> , 4, 593-605	5	63
36	A Quick and Parallel Analytical Method Based on Quantum Dots Labeling for ToRCH-Related Antibodies. <i>Nanoscale Research Letters</i> , <b>2009</b> , 4, 1469-74	5	22
35	Fabrication of a microfluidic chip containing dam, weirs and gradient generator for studying cellular response to chemical modulation. <i>Materials Science and Engineering C</i> , <b>2009</b> , 29, 674-679	8.3	21
34	Recent advances in nanotechnology applied to biosensors. <i>Sensors</i> , <b>2009</b> , 9, 1033-53	3.8	251
33	Synthesis and characterization of polyamidoamine dendrimer-coated multi-walled carbon nanotubes and their application in gene delivery systems. <i>Nanotechnology</i> , <b>2009</b> , 20, 125101	3.4	119
32	Self-assembly of quantum dots and carbon nanotubes for ultrasensitive DNA and antigen detection. <i>Analytical Chemistry</i> , <b>2008</b> , 80, 7996-8001	7.8	98
31	Effects of Carbon Nanotubes on Photoluminescence Properties of Quantum Dots. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 939-944	3.8	80
30	A rapid and sensitive chemiluminescent immunoassay of total thyroxin with DMAE x NHS-Labeled. <i>Journal of Immunoassay and Immunochemistry</i> , <b>2008</b> , 29, 257-65	1.8	6
29	A facile strategy for covalent binding of nanoparticles onto carbon nanotubes. <i>Applied Surface Science</i> , <b>2008</b> , 254, 5236-5240	6.7	38
28	Zeta potential: a surface electrical characteristic to probe the interaction of nanoparticles with normal and cancer human breast epithelial cells. <i>Biomedical Microdevices</i> , <b>2008</b> , 10, 321-8	3.7	298
27	Synthesis of CdTe colloidal quantum dots (QDs) in water. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , <b>2008</b> , 3, 325-329		13
26	Dendrimer-modified magnetic nanoparticles enhance efficiency of gene delivery system. <i>Cancer Research</i> , <b>2007</b> , 67, 8156-63	10.1	269
25	Core/shell fluorescent magnetic silica-coated composite nanoparticles for bioconjugation. <i>Nanotechnology</i> , <b>2007</b> , 18, 315601	3.4	87
24	Chemiluminescence of luminol catalyzed by silver nanoparticles. <i>Journal of Colloid and Interface Science</i> , <b>2007</b> , 315, 158-63	9.3	95

23	Design of dendrimer modified carbon nanotubes for gene delivery. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research</i> , <b>2007</b> , 19, 1-6	3.8	21
22	Advances and prospects on biomolecules functionalized carbon nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2007</b> , 7, 1298-314	1.3	93
21	DNA-Templated Ordered Array of Gold Nanorods in One and Two Dimensions. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 12572-12576	3.8	56
20	Effects of antisense-myc-conjugated single-walled carbon nanotubes on HL-60 cells. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2007</b> , 7, 1639-46	1.3	61
19	Study on interaction between poly(amidoamine) dendrimer and CdSe nanocrystal in chloroform. <i>Journal of Colloid and Interface Science</i> , <b>2006</b> , 297, 151-6	9.3	49
18	Synthesis and characterization of monodisperse CdSe quantum dots in different organic solvents. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , <b>2006</b> , 1, 378-383		7
17	Preparation and properties of polymer and quantum dot composites. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , <b>2006</b> , 1, 474-478		2
16	Growth of multi-amine terminated poly(amidoamine) dendrimers on the surface of carbon nanotubes. <i>Nanotechnology</i> , <b>2006</b> , 17, 2483-9	3.4	86
15	Fluoroimmunoassay for antigen based on fluorescence quenching signal of gold nanoparticles. <i>Analytical Chemistry</i> , <b>2006</b> , 78, 1104-6	7.8	165
14	Cytotoxicity of single-wall carbon nanotubes on human fibroblasts. <i>Toxicology in Vitro</i> , <b>2006</b> , 20, 1202-1236		348
13	Expression of single-chain Fv gene specific for gamma-seminoprotein by RTS and its biological activity identification. <i>Biotechnology Progress</i> , <b>2006</b> , 22, 1084-9	2.8	4
12	Covalent attachment of quantum dot on carbon nanotubes. <i>Chemical Physics Letters</i> , <b>2006</b> , 417, 419-424	2.5	53
11	Study on growth kinetics of CdSe nanocrystals in oleic acid/dodecylamine. <i>Journal of Crystal Growth</i> , <b>2006</b> , 286, 318-323	1.6	20
10	Effect of single wall carbon nanotubes on human HEK293 cells. <i>Toxicology Letters</i> , <b>2005</b> , 155, 73-85	4.4	701
9	End-to-end self-assembly and colorimetric characterization of gold nanorods and nanospheres via oligonucleotide hybridization. <i>Nanotechnology</i> , <b>2005</b> , 16, 1776-1780	3.4	89
8	A microarray-based gastric carcinoma prewarning system. <i>World Journal of Gastroenterology</i> , <b>2005</b> , 11, 1273-82	5.6	35
7	Characterization of BRCA1 and its novel antigen epitope identification. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2004</b> , 13, 1136-45	4	14
6	Advance and prospect of bionanomaterials. <i>Biotechnology Progress</i> , <b>2003</b> , 19, 683-92	2.8	80

5	Spontaneous Insertion of DNA Oligonucleotides into Carbon Nanotubes. <i>Nano Letters</i> , <b>2003</b> , 3, 471-473	11.5	397
4	Mechanism of exogenous nucleic acids and their precursors improving the repair of intestinal epithelium after gamma-irradiation in mice. <i>World Journal of Gastroenterology</i> , <b>2000</b> , 6, 709-717	5.6	2
3	Two novel gastric cancer-associated genes identified by differential display. <i>World Journal of Gastroenterology</i> , <b>1998</b> , 4, 334-336	5.6	4
2	Photosensitizer-Functionalized [email[protected]] Magnetic Nanoparticles for MRI/NIR-Mediated Photothermal Therapy of Gastric Cancer. <i>ACS Applied Nano Materials</i> ,	5.6	3
1	R11 peptides can promote the molecular imaging of spherical nucleic acids for bladder cancer margin identification. <i>Nano Research</i> ,1	10	2