

# Da-Xiang Cui

## List of Publications by Citations

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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	Diverse Applications of Nanomedicine. <i>ACS Nano</i> , <b>2017</b> , 11, 2313-2381	16.7	714
381	Effect of single wall carbon nanotubes on human HEK293 cells. <i>Toxicology Letters</i> , <b>2005</b> , 155, 73-85	4.4	701
380	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
379	Biocompatibility of Graphene Oxide. <i>Nanoscale Research Letters</i> , <b>2011</b> , 6, 8	5	552
378	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
377	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
376	Folic Acid-conjugated Graphene Oxide loaded with Photosensitizers for Targeting Photodynamic Therapy. <i>Theranostics</i> , <b>2011</b> , 1, 240-50	12.1	438
375	Spontaneous Insertion of DNA Oligonucleotides into Carbon Nanotubes. <i>Nano Letters</i> , <b>2003</b> , 3, 471-473	11.5	397
374	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
373	Cytotoxicity of single-wall carbon nanotubes on human fibroblasts. <i>Toxicology in Vitro</i> , <b>2006</b> , 20, 1202-1236	13.6	348
372	Mesoporous multifunctional upconversion luminescent and magnetic "nanorattle" materials for targeted chemotherapy. <i>Nano Letters</i> , <b>2012</b> , 12, 61-7	11.5	340
371	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
370	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	270
369	Dendrimer-modified magnetic nanoparticles enhance efficiency of gene delivery system. <i>Cancer Research</i> , <b>2007</b> , 67, 8156-63	10.1	269
368	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
367	Recent advances in nanotechnology applied to biosensors. <i>Sensors</i> , <b>2009</b> , 9, 1033-53	3.8	251
366	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

365	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
364	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
363	The antifungal activity of graphene oxide-silver nanocomposites. <i>Biomaterials</i> , <b>2013</b> , 34, 3882-90	15.6	204
362	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
361	Photosensitizer-conjugated silica-coated gold nanoclusters for fluorescence imaging-guided photodynamic therapy. <i>Biomaterials</i> , <b>2013</b> , 34, 4643-54	15.6	182
360	Fluoroimmunoassay for antigen based on fluorescence quenching signal of gold nanoparticles. <i>Analytical Chemistry</i> , <b>2006</b> , 78, 1104-6	7.8	165
359	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
358	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
357	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
356	The immunotoxicity of graphene oxides and the effect of PVP-coating. <i>Biomaterials</i> , <b>2013</b> , 34, 5254-61	15.6	148
355	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
354	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
353	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
352	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
351	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
350	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
349	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
348	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

347	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
346	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
345	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
344	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
343	Gold nanoprisms as optoacoustic signal nanoamplifiers for in vivo bioimaging of gastrointestinal cancers. <i>Small</i> , <b>2013</b> , 9, 68-74	11	108
342	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
341	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
340	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
339	Graphene Oxide-Copper Nanocomposite-Coated Porous CaP Scaffold for Vascularized Bone Regeneration via Activation of Hif-1. <i>Advanced Healthcare Materials</i> , <b>2016</b> , 5, 1299-309	10.1	97
338	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
337	Anti-HIF-1 $\alpha$ antibody-conjugated pluronic triblock copolymers encapsulated with Paclitaxel for tumor targeting therapy. <i>Biomaterials</i> , <b>2010</b> , 31, 2302-12	15.6	95
336	Chemiluminescence of luminol catalyzed by silver nanoparticles. <i>Journal of Colloid and Interface Science</i> , <b>2007</b> , 315, 158-63	9.3	95
335	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
334	Advances and prospects on biomolecules functionalized carbon nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2007</b> , 7, 1298-314	1.3	93
333	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
332	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
331	Recent advances in lanthanide-doped upconversion nanomaterials: synthesis, nanostructures and surface modification. <i>Nanoscale</i> , <b>2013</b> , 5, 11512-25	7.7	87
330	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

329	Core/shell fluorescent magnetic silica-coated composite nanoparticles for bioconjugation. <i>Nanotechnology</i> , <b>2007</b> , 18, 315601	3.4	87
328	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
327	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
326	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
325	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
324	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
323	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
322	Progress in Microfluidics-Based Exosome Separation and Detection Technologies for Diagnostic Applications. <i>Small</i> , <b>2020</b> , 16, e1903916	11	81
321	SERS Quantification and Characterization of Proteins and Other Biomolecules. <i>Langmuir</i> , <b>2017</b> , 33, 9711-730	9.730	80
320	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
319	Advance and prospect of bionanomaterials. <i>Biotechnology Progress</i> , <b>2003</b> , 19, 683-92	2.8	80
318	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
317	A tumor microenvironment responsive biodegradable CaCO <sub>3</sub> /MnO <sub>2</sub> - based nanoplatfom for the enhanced photodynamic therapy and improved PD-L1 immunotherapy. <i>Theranostics</i> , <b>2019</b> , 9, 6867-6884	12.1	76
316	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
315	Carbon-gold hybrid nanoprobos for real-time imaging, photothermal/photodynamic and nanozyme oxidative therapy. <i>Theranostics</i> , <b>2019</b> , 9, 3443-3458	12.1	75
314	Dual-Stimuli Responsive Nanotheranostics for Multimodal Imaging Guided Trimodal Synergistic Therapy. <i>Small</i> , <b>2017</b> , 13, 1602580	11	75
313	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
312	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

311	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
310	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
309	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
308	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
307	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
306	A novel quantum dots-based point of care test for syphilis. <i>Nanoscale Research Letters</i> , <b>2010</b> , 5, 875-81	5	68
305	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
304	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
303	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
302	Inhibition of autophagy overcomes the nanotoxicity elicited by cadmium-based quantum dots. <i>Biomaterials</i> , <b>2016</b> , 78, 102-14	15.6	64
301	Rolling up graphene oxide sheets into micro/nanoscrolls by nanoparticle aggregation. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 17441		63
300	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
299	Advances and prospect of nanotechnology in stem cells. <i>Nanoscale Research Letters</i> , <b>2009</b> , 4, 593-605	5	63
298	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
297	pH-responsive gold nanoclusters-based nanoprobe 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
296	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
295	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
294	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

293	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
292	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
291	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
290	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
289	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
288	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
287	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
286	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
285	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
284	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
283	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
282	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
281	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
280	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
279	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
278	Covalent attachment of quantum dot on carbon nanotubes. <i>Chemical Physics Letters</i> , <b>2006</b> , 417, 419-424	2.5	53
277	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
276	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

275	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
274	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
273	RGD-conjugated gold nanorods induce radiosensitization in melanoma cancer cells by downregulating VEGF expression. <i>International Journal of Nanomedicine</i> , <b>2012</b> , 7, 915-24	7.3	48
272	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
271	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
270	Functionalized gold nanorods for tumor imaging and targeted therapy. <i>Cancer Biology and Medicine</i> , <b>2012</b> , 9, 221-33	5.2	46
269	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
268	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
267	Nanomaterial-based SERS sensing technology for biomedical application. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 3755-3774	7.3	43
266	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
265	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
264	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
263	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
262	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
261	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
260	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
259	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
258	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



257	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
256	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
255	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
254	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
253	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
252	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
251	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
250	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
249	Synthesis and Characterization of Bovine Serum Albumin-Conjugated Copper Sulfide Nanocomposites. <i>Journal of Nanomaterials</i> , <b>2010</b> , 2010, 1-6	3.2	38
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