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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.

214 papers	8,698 citations	52 h-index	82 g-index
225 ext. papers	10,222 ext. citations	7.8 avg, IF	6.51 L-index

#	Paper	IF	Citations
214	Graphene oxide exhibits broad-spectrum antimicrobial activity against bacterial phytopathogens and fungal conidia by intertwining and membrane perturbation. <i>Nanoscale</i> , 2014 , 6, 1879-89	7.7	382
213	Facile synthesis of fluorescent carbon dots using watermelon peel as a carbon source. <i>Materials Letters</i> , 2012 , 66, 222-224	3.3	343
212	Antiviral Activity of Graphene Oxide: How Sharp Edged Structure and Charge Matter. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 21571-9	9.5	222
211	Nano-magnetic catalyst KF/CaO@Fe ₃ O ₄ for biodiesel production. <i>Applied Energy</i> , 2011 , 88, 2685-2690	10.7	210
210	Preparation of KF/CaO nanocatalyst and its application in biodiesel production from Chinese tallow seed oil. <i>Fuel</i> , 2010 , 89, 2267-2271	7.1	198
209	Probing the interaction of magnetic iron oxide nanoparticles with bovine serum albumin by spectroscopic techniques. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 10454-8	3.4	179
208	Antibacterial Activity of Graphene Oxide/g-C ₃ N ₄ Composite through Photocatalytic Disinfection under Visible Light. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 8693-8701	8.3	169
207	Gecko-Inspired Nanotentacle Surface-Enhanced Raman Spectroscopy Substrate for Sampling and Reliable Detection of Pesticide Residues in Fruits and Vegetables. <i>Analytical Chemistry</i> , 2017 , 89, 2424-2431	7.8	150
206	Multi-walled carbon nanotubes can enhance root elongation of wheat (<i>Triticum aestivum</i>) plants. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	141
205	Synthesis of nitrogen-doped porous graphitic carbons using nano-CaCO ₃ as template, graphitization catalyst, and activating agent. <i>Carbon</i> , 2012 , 50, 3753-3765	10.4	132
204	Facile synthesis of melamine-based porous polymer networks and their application for removal of aqueous mercury ions. <i>Polymer</i> , 2010 , 51, 6193-6202	3.9	128
203	Utilization of waste freshwater mussel shell as an economic catalyst for biodiesel production. <i>Biomass and Bioenergy</i> , 2011 , 35, 3627-3635	5.3	120
202	Quantum dot-based near-infrared electrochemiluminescent immunosensor with gold nanoparticle-graphene nanosheet hybrids and silica nanospheres double-assisted signal amplification. <i>Analytical Chemistry</i> , 2012 , 84, 4893-9	7.8	116
201	Cauliflower-Inspired 3D SERS Substrate for Multiple Mycotoxins Detection. <i>Analytical Chemistry</i> , 2019 , 91, 3885-3892	7.8	115
200	Acidity-Triggered Tumor-Targeted Chimeric Peptide for Enhanced Intra-Nuclear Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2016 , 26, 4351-4361	15.6	108
199	Multisite Inhibitors for Enteric Coronavirus: Antiviral Cationic Carbon Dots Based on Curcumin. <i>ACS Applied Nano Materials</i> , 2018 , 1, 5451-5459	5.6	108
198	Aqueous synthesis of porous platinum nanotubes at room temperature and their intrinsic peroxidase-like activity. <i>Chemical Communications</i> , 2013 , 49, 6024-6	5.8	106

197	Evaluation and mechanism of antifungal effects of carbon nanomaterials in controlling plant fungal pathogen. <i>Carbon</i> , 2014 , 68, 798-806	10.4	105
196	Glutathione-Capped AgS Nanoclusters Inhibit Coronavirus Proliferation through Blockage of Viral RNA Synthesis and Budding. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 4369-4378	9.5	104
195	From Electrochemistry to Electroluminescence: Development and Application in a Ratiometric Aptasensor for Aflatoxin B1. <i>Analytical Chemistry</i> , 2017 , 89, 7578-7585	7.8	98
194	A novel method for the determination of Pb ²⁺ based on the quenching of the fluorescence of CdTe quantum dots. <i>Mikrochimica Acta</i> , 2008 , 161, 81-86	5.8	97
193	Biocompatible and highly luminescent near-infrared CuInS ₂ /ZnS quantum dots embedded silica beads for cancer cell imaging. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 2011-7	9.5	95
192	Hierarchical nanogaps within bioscaffold arrays as a high-performance SERS substrate for animal virus biosensing. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 6281-9	9.5	92
191	Study on the interaction between bovine serum albumin and CdTe quantum dots with spectroscopic techniques. <i>Journal of Molecular Structure</i> , 2008 , 892, 116-120	3.4	92
190	Ultrasensitive detection of aflatoxin B by SERS aptasensor based on exonuclease-assisted recycling amplification. <i>Biosensors and Bioelectronics</i> , 2017 , 97, 59-64	11.8	91
189	Virus capture and destruction by label-free graphene oxide for detection and disinfection applications. <i>Small</i> , 2015 , 11, 1171-6	11	91
188	A new function of graphene oxide emerges: inactivating phytopathogenic bacterium <i>Xanthomonas oryzae</i> pv. <i>Oryzae</i> . <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	91
187	Tumor-Triggered Geometrical Shape Switch of Chimeric Peptide for Enhanced in Vivo Tumor Internalization and Photodynamic Therapy. <i>ACS Nano</i> , 2017 , 11, 3178-3188	16.7	90
186	Carbon-Dot and Quantum-Dot-Coated Dual-Emission Core-Satellite Silica Nanoparticles for Ratiometric Intracellular Cu(2+) Imaging. <i>Analytical Chemistry</i> , 2016 , 88, 7395-403	7.8	88
185	Graphene Oxide-Silver Nanocomposite: Novel Agricultural Antifungal Agent against <i>Fusarium graminearum</i> for Crop Disease Prevention. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 24057-70	9.5	87
184	pH-Responsive, Light-Triggered on-Demand Antibiotic Release from Functional Metal-Organic Framework for Bacterial Infection Combination Therapy. <i>Advanced Functional Materials</i> , 2018 , 28, 1800011	15.6	86
183	Carbon dots as inhibitors of virus by activation of type I interferon response. <i>Carbon</i> , 2016 , 110, 278-285	10.4	82
182	A fast and sensitive immunoassay of avian influenza virus based on label-free quantum dot probe and lateral flow test strip. <i>Talanta</i> , 2012 , 100, 1-6	6.2	81
181	Evaluation of antibacterial effects of carbon nanomaterials against copper-resistant <i>Ralstonia solanacearum</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 103, 136-42	6	79
180	Aqueous one-pot synthesis of bright and ultrasmall CdTe/CdS near-infrared-emitting quantum dots and their application for tumor targeting in vivo. <i>Chemical Communications</i> , 2012 , 48, 4971-3	5.8	76

179	Electrogenerated chemiluminescence from thiol-capped CdTe quantum dots and its sensing application in aqueous solution. <i>Analytica Chimica Acta</i> , 2007 , 596, 73-8	6.6	74
178	Atomic Vacancies Control of Pd-Based Catalysts for Enhanced Electrochemical Performance. <i>Advanced Materials</i> , 2018 , 30, 1704171	24	74
177	Target-triggered signal-on ratiometric electrochemiluminescence sensing of PSA based on MOF/Au/G-quadruplex. <i>Biosensors and Bioelectronics</i> , 2018 , 118, 160-166	11.8	68
176	Microbial synthesis of highly dispersed PdAu alloy for enhanced electrocatalysis. <i>Science Advances</i> , 2016 , 2, e1600858	14.3	65
175	Size-dependent electrochemiluminescence behavior of water-soluble CdTe quantum dots and selective sensing of L-cysteine. <i>Talanta</i> , 2009 , 77, 1654-9	6.2	65
174	Synergistic antibacterial effects of curcumin modified silver nanoparticles through ROS-mediated pathways. <i>Materials Science and Engineering C</i> , 2019 , 99, 255-263	8.3	63
173	One-step growth of high luminescence CdTe quantum dots with low cytotoxicity in ambient atmospheric conditions. <i>Dalton Transactions</i> , 2010 , 39, 7017-20	4.3	63
172	Antiviral Activity of Graphene Oxide-Silver Nanocomposites by Preventing Viral Entry and Activation of the Antiviral Innate Immune Response.. <i>ACS Applied Bio Materials</i> , 2018 , 1, 1286-1293	4.1	62
171	Interaction between fluorescein isothiocyanate and carbon dots: Inner filter effect and fluorescence resonance energy transfer. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 171, 311-316	4.4	60
170	Quantum-dots-based fluoroimmunoassay for the rapid and sensitive detection of avian influenza virus subtype H5N1. <i>Luminescence</i> , 2010 , 25, 419-23	2.5	59
169	Endogenous stimulus-powered antibiotic release from nanoreactors for a combination therapy of bacterial infections. <i>Nature Communications</i> , 2019 , 10, 4464	17.4	57
168	Signal-Amplified Near-Infrared Ratiometric Electrochemiluminescence Aptasensor Based on Multiple Quenching and Enhancement Effect of Graphene/Gold Nanorods/G-Quadruplex. <i>Analytical Chemistry</i> , 2016 , 88, 8179-87	7.8	57
167	Targeted Near-Infrared Fluorescent Turn-on Nanoprobe for Activatable Imaging and Effective Phototherapy of Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 15013-23	9.5	57
166	Mitochondria-Targeted Chimeric Peptide for Trinitarian Overcoming of Drug Resistance. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 25060-8	9.5	54
165	A novel method for the preparation of water-soluble and small-size CdSe quantum dots. <i>Materials Letters</i> , 2006 , 60, 3782-3785	3.3	53
164	Electrochemiluminescence nanogears aptasensor based on MIL-53(Fe)@CdS for multiplexed detection of kanamycin and neomycin. <i>Biosensors and Bioelectronics</i> , 2019 , 129, 100-106	11.8	53
163	Design of Gold Hollow Nanorods with Controllable Aspect Ratio for Multimodal Imaging and Combined Chemo-Photothermal Therapy in the Second Near-Infrared Window. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 36703-36710	9.5	53
162	A novel strategy for selective detection of Ag ⁺ based on the red-shift of emission wavelength of quantum dots. <i>Mikrochimica Acta</i> , 2009 , 167, 281-287	5.8	51

161	Enhanced electrochemiluminescence of CdTe quantum dots with carbon nanotube film and its sensing of methimazole. <i>Electrochimica Acta</i> , 2009 , 54, 1389-1394	6.7	50
160	Study on DNA damage induced by CdSe quantum dots using nucleic acid molecular "light switches" as probe. <i>Talanta</i> , 2007 , 71, 1675-8	6.2	50
159	Hydrothermal synthesis of high-quality type-II CdTe/CdSe quantum dots with near-infrared fluorescence. <i>Journal of Colloid and Interface Science</i> , 2010 , 351, 83-7	9.3	49
158	Precisely Striking Tumors without Adjacent Normal Tissue Damage via Mitochondria-Templated Accumulation. <i>ACS Nano</i> , 2018 , 12, 6252-6262	16.7	49
157	Synthesis of functionalized 3D porous graphene using both ionic liquid and SiO ₂ spheres as "spacers" for high-performance application in supercapacitors. <i>Nanoscale</i> , 2015 , 7, 659-69	7.7	48
156	Electrogenerated chemiluminescence of blue emitting ZnSe quantum dots and its biosensing for hydrogen peroxide. <i>Biosensors and Bioelectronics</i> , 2010 , 25, 1843-6	11.8	48
155	Quantum dots decorated gold nanorod as fluorescent-plasmonic dual-modal contrasts agent for cancer imaging. <i>Biosensors and Bioelectronics</i> , 2015 , 74, 16-23	11.8	46
154	Stretch-stowage-growth strategy to fabricate tunable triply-amplified electrochemiluminescence immunosensor for ultrasensitive detection of pseudorabies virus antibody. <i>Analytical Chemistry</i> , 2014 , 86, 5749-57	7.8	44
153	Preparation of Mesoporous Nanosized KF/CaO/MgO Catalyst and its Application for Biodiesel Production by Transesterification. <i>Catalysis Letters</i> , 2009 , 131, 574-578	2.8	44
152	Clean Synthesis of an Economical 3D Nanochain Network of PdCu Alloy with Enhanced Electrocatalytic Performance towards Ethanol Oxidation. <i>Chemistry - A European Journal</i> , 2015 , 21, 17779-85	4.8	43
151	Surface-imprinted SiO ₂ @Ag nanoparticles for the selective detection of BPA using surface enhanced Raman scattering. <i>Sensors and Actuators B: Chemical</i> , 2018 , 258, 566-573	8.5	43
150	Platinum Dendritic-Flowers Prepared by Tellurium Nanowires Exhibit High Electrocatalytic Activity for Glycerol Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 17725-30	9.5	42
149	Turn-on near-infrared electrochemiluminescence sensing of thrombin based on resonance energy transfer between CdTe/CdS coresmall/shellthick quantum dots and gold nanorods. <i>Biosensors and Bioelectronics</i> , 2016 , 82, 26-31	11.8	42
148	Bioapplications of DNA nanotechnology at the solid-liquid interface. <i>Chemical Society Reviews</i> , 2019 , 48, 4892-4920	58.5	42
147	A practicable detection system for genetically modified rice by SERS-barcode nanosensors. <i>Biosensors and Bioelectronics</i> , 2012 , 34, 118-24	11.8	42
146	Regulating the oxidation degree of nickel foam: a smart strategy to controllably synthesize active Ni ₃ S ₂ nanorod/nanowire arrays for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 8029-8040	13	42
145	Metal-organic frameworks-based sensitive electrochemiluminescence biosensing. <i>Biosensors and Bioelectronics</i> , 2020 , 164, 112332	11.8	39
144	Sensitive detection of melamine by an electrochemiluminescence sensor based on tris(bipyridine)ruthenium(II)-functionalized metal-organic frameworks. <i>Sensors and Actuators B: Chemical</i> , 2018 , 265, 378-386	8.5	39

143	Functional peptide-based nanoparticles for photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 25-38	7.3	39
142	Eggshell-inspired biomineralization generates vaccines that do not require refrigeration. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 10576-9	16.4	37
141	Ultrasensitive SERS detection of <i>Bacillus thuringiensis</i> special gene based on Au@Ag NRs and magnetic beads. <i>Biosensors and Bioelectronics</i> , 2017 , 92, 321-327	11.8	36
140	A novel method for methimazole determination using CdSe quantum dots as fluorescence probes. <i>Mikrochimica Acta</i> , 2009 , 165, 195-201	5.8	36
139	Highly sensitive enzyme-free immunosorbent assay for porcine circovirus type 2 antibody using Au-Pt/SiO ₂ nanocomposites as labels. <i>Biosensors and Bioelectronics</i> , 2016 , 82, 177-84	11.8	36
138	Novel impacts of functionalized multi-walled carbon nanotubes in plants: promotion of nodulation and nitrogenase activity in the rhizobium-legume system. <i>Nanoscale</i> , 2017 , 9, 9921-9937	7.7	34
137	Excellent electrochemical performance of nitrogen-enriched hierarchical porous carbon electrodes prepared using nano-CaCO ₃ as template. <i>Journal of Solid State Electrochemistry</i> , 2013 , 17, 2651-2660	2.6	34
136	Vaccine Engineering with Dual-Functional Mineral Shell: A Promising Strategy to Overcome Preexisting Immunity. <i>Advanced Materials</i> , 2016 , 28, 694-700	24	33
135	Pt nanozyme for O ₂ self-sufficient, tumor-specific oxidative damage and drug resistance reversal. <i>Nanoscale Horizons</i> , 2019 , 4, 1124-1131	10.8	32
134	Enzymatic biosensor of horseradish peroxidase immobilized on Au-Pt nanotube/Au-graphene for the simultaneous determination of antioxidants. <i>Analytica Chimica Acta</i> , 2016 , 933, 89-96	6.6	32
133	Direct electrochemiluminescence of CdTe quantum dots based on room temperature ionic liquid film and high sensitivity sensing of gossypol. <i>Electrochimica Acta</i> , 2010 , 55, 1265-1271	6.7	31
132	Study on the interaction between CdSe quantum dots and hemoglobin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008 , 69, 830-4	4.4	31
131	Tumor-triggered transformation of chimeric peptide for dual-stage-amplified magnetic resonance imaging and precise photodynamic therapy. <i>Biomaterials</i> , 2018 , 182, 269-278	15.6	30
130	Au Hollow Nanorods-Chimeric Peptide Nanocarrier for NIR-II Photothermal Therapy and Real-time Apoptosis Imaging for Tumor Theranostics. <i>Theranostics</i> , 2019 , 9, 4971-4981	12.1	30
129	Gas-liquid countercurrent integration process for continuous biodiesel production using a microporous solid base KF/CaO as catalyst. <i>Bioresource Technology</i> , 2012 , 123, 413-8	11	30
128	Cathodic electrochemiluminescence from self-designed near-infrared-emitting CdTe/CdS/ZnS quantum dots on bare Au electrode. <i>Electrochemistry Communications</i> , 2011 , 13, 359-362	5.1	30
127	Nitrogen-Doped Carbon Quantum Dots for Preventing Biofilm Formation and Eradicating Drug-Resistant Bacteria Infection. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 4739-4749	5.5	29
126	Gold(III) enhanced chemiluminescence immunoassay for detection of antibody against ApxIV of <i>Actinobacillus pleuropneumoniae</i> . <i>Analyst, The</i> , 2008 , 133, 768-73	5	29

125	Ru(bpy)-Silica@Poly-L-lysine-Au as labels for electrochemiluminescence lysozyme aptasensor based on 3D graphene. <i>Biosensors and Bioelectronics</i> , 2018 , 106, 50-56	11.8	28
124	An ultrasensitive method for the detection of gene fragment from transgenics using label-free gold nanoparticle probe and dynamic light scattering. <i>Analytica Chimica Acta</i> , 2011 , 696, 1-5	6.6	28
123	Chemiluminescence Determination of Tetracyclines Using a Tris(2,2'-bipyridine)ruthenium(II) and Potassium Permanganate System.. <i>Analytical Sciences</i> , 1999 , 15, 467-470	1.7	28
122	Ultrasensitive electrochemical detection of Bacillus thuringiensis transgenic sequence based on in situ Ag nanoparticles aggregates induced by biotin-streptavidin system. <i>Biosensors and Bioelectronics</i> , 2011 , 28, 464-8	11.8	27
121	Electrochemiluminescence aptasensor for multiple determination of Hg and Pb ions by using the MIL-53(Al)@CdTe-PEI modified electrode. <i>Analytica Chimica Acta</i> , 2020 , 1100, 232-239	6.6	27
120	Recent advances in the use of near-infrared quantum dots as optical probes for bioanalytical, imaging and solar cell application. <i>Mikrochimica Acta</i> , 2014 , 181, 1485-1495	5.8	26
119	pH-Responsive Nanoscale Coordination Polymer for Efficient Drug Delivery and Real-Time Release Monitoring. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1700470	10.1	26
118	One-step synthesis of water-soluble ZnSe quantum dots via microwave irradiation. <i>Materials Letters</i> , 2010 , 64, 1099-1101	3.3	26
117	Miniature Hollow Gold Nanorods with Enhanced Effect for In Vivo Photoacoustic Imaging in the NIR-II Window. <i>Small</i> , 2020 , 16, e2002748	11	26
116	Spiny-porous platinum nanotubes with enhanced electrocatalytic activity for methanol oxidation. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 1388-1391	13	25
115	One Stone with Two Birds: Functional Gold Nanostar for Targeted Combination Therapy of Drug-Resistant Infection. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 32659-32669	9.5	25
114	A brilliant sandwich type fluorescent nanostructure incorporating a compact quantum dot layer and versatile silica substrates. <i>Chemical Communications</i> , 2014 , 50, 2896-9	5.8	25
113	Synthesis of biodiesel from rapeseed oil using K ₂ O/Al ₂ O ₃ as nano-solid-base catalyst. <i>Wuhan University Journal of Natural Sciences</i> , 2009 , 14, 75-79	0.4	25
112	Controlled Synthesis of Au-Island-Covered Pd Nanotubes with Abundant Heterojunction Interfaces for Enhanced Electrooxidation of Alcohol. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 12792-7	9.5	25
111	Ammonia Mediated One-Step Synthesis of Three-Dimensional Porous Pt ₉₂ Cu ₈ Nanochain Networks with Enhanced Electrocatalytic Activity toward Polyhydric Alcohol Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 11086-11095	8.3	24
110	Solid-state voltammetry-based electrochemical immunosensor for Escherichia coli using graphene oxide-Ag nanoparticle composites as labels. <i>Analyt. The</i> , 2013 , 138, 3388-93	5	24
109	A direct chemiluminescence method for the determination of nucleic acids using Ru(phen) ₃ ²⁺ /Te(IV) system. <i>Fresenius Journal of Analytical Chemistry</i> , 1999 , 364, 782-785		24
108	Application of Multiplexed Aptasensors in Food Contaminants Detection. <i>ACS Sensors</i> , 2020 , 5, 3721-3738	382	23

107	Target triggered self-assembly of Au nanoparticles for amplified detection of <i>Bacillus thuringiensis</i> transgenic sequence using SERS. <i>Biosensors and Bioelectronics</i> , 2014 , 62, 196-200	11.8	23
106	Study on the interaction between histidine-capped Au nanoclusters and bovine serum albumin with spectroscopic techniques. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 118, 897-902	4.4	23
105	Determination of cypromazine and its metabolite melamine in milk by cation-selective exhaustive injection and sweeping-capillary micellar electrokinetic chromatography. <i>Journal of Separation Science</i> , 2011 , 34, 323-30	3.4	23
104	Chemiluminescence Method for the Determination of Glutathione in Human Serum Using the Ru(phen) ₃ ²⁺ /KMnO ₄ System. <i>Mikrochimica Acta</i> , 2006 , 155, 431-434	5.8	23
103	Photothermally triggered nitric oxide nanogenerator targeting type IV pili for precise therapy of bacterial infections. <i>Biomaterials</i> , 2021 , 268, 120588	15.6	23
102	Microwave-assisted synthesis of high-quality CdTe/CdS@ZnSSiO ₂ near-infrared-emitting quantum dots and their applications in Hg ²⁺ sensing and imaging. <i>Sensors and Actuators B: Chemical</i> , 2015 , 207, 74-82	8.5	22
101	Electrochemical determination of thiols at single-wall carbon nanotubes and PQQ modified electrodes. <i>Frontiers in Bioscience - Landmark</i> , 2005 , 10, 931-9	2.8	22
100	Enzyme induced molecularly imprinted polymer on SERS substrate for ultrasensitive detection of patulin. <i>Analytica Chimica Acta</i> , 2020 , 1101, 111-119	6.6	22
99	Enhanced immunoassay for porcine circovirus type 2 antibody using enzyme-loaded and quantum dots-embedded shell-core silica nanospheres based on enzyme-linked immunosorbent assay. <i>Analytica Chimica Acta</i> , 2015 , 887, 192-200	6.6	21
98	A sensitive label-free FRET probe for glutathione based on CdSe/ZnS quantum dots and MnO ₂ nanosheets. <i>Analytical Methods</i> , 2018 , 10, 4170-4177	3.2	21
97	Streptococcus suis II immunoassay based on thorny gold nanoparticles and surface enhanced Raman scattering. <i>Analyst, The</i> , 2012 , 137, 1259-64	5	21
96	Synthesis of p-aminothiophenol-embedded gold/silver core-shell nanostructures as novel SERS tags for biosensing applications. <i>Mikrochimica Acta</i> , 2011 , 173, 149-156	5.8	21
95	A novel method for sensing of methimazole using gold nanoparticle-catalyzed chemiluminescent reaction. <i>Luminescence</i> , 2011 , 26, 196-201	2.5	21
94	Versatile Electrochemiluminescence Assays for PEDV Antibody Based on Rolling Circle Amplification and Ru-DNA Nanotags. <i>Analytical Chemistry</i> , 2018 , 90, 7415-7421	7.8	21
93	Programmable DNA Tweezer-Actuated SERS Probe for the Sensitive Detection of AFB. <i>Analytical Chemistry</i> , 2020 , 92, 4900-4907	7.8	20
92	Probing the interactions of CdTe quantum dots with pseudorabies virus. <i>Scientific Reports</i> , 2015 , 5, 16403	3.9	20
91	Hydrogen-bonding recognition-induced aggregation of gold nanoparticles for the determination of the migration of melamine monomers using dynamic light scattering. <i>Analytica Chimica Acta</i> , 2014 , 845, 92-7	6.6	19
90	Determination of DNA by Use of the Molecular Light Switch Complex of Ru(bipy) ₂ (dppz) ²⁺ . <i>Mikrochimica Acta</i> , 2000 , 134, 57-62	5.8	19

89	A cyclic catalysis enhanced electrochemiluminescence aptasensor based 3D graphene/photocatalysts Cu ₂ O-MWCNTs. <i>Electrochimica Acta</i> , 2018 , 282, 672-679	6.7	19
88	Folic Acid-Targeted and Cell Penetrating Peptide-Mediated Theranostic Nanoplatfrom for High-Efficiency Tri-Modal Imaging-Guided Synergistic Anticancer Phototherapy. <i>Journal of Biomedical Nanotechnology</i> , 2016 , 12, 878-93	4	18
87	Organosilane micellization for direct encapsulation of hydrophobic quantum dots into silica beads with highly preserved fluorescence. <i>Chemical Communications</i> , 2012 , 48, 6145-7	5.8	18
86	Acidity-Triggered Tumor Retention/Internalization of Chimeric Peptide for Enhanced Photodynamic Therapy and Real-Time Monitoring of Therapeutic Effects. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 16043-16053	9.5	17
85	Reasonably retard O consumption through a photoactivity conversion nanocomposite for oxygenated photodynamic therapy. <i>Biomaterials</i> , 2019 , 218, 119312	15.6	17
84	A SERS-based immunoassay for porcine circovirus type 2 using multi-branched gold nanoparticles. <i>Mikrochimica Acta</i> , 2013 , 180, 1501-1507	5.8	17
83	Wavelength Dependence of Fluorescence Quenching of CdTe Quantum Dots by Gold Nanoclusters. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 3011-3018	3.8	17
82	Kanamycin Adsorption on Gold Nanoparticles Dominates Its Label-Free Colorimetric Sensing with Its Aptamer. <i>Langmuir</i> , 2020 , 36, 11490-11498	4	17
81	Facile synthesis of Cu ₁₀ Zn ₅ S alloyed nanocrystals with temperature-dependent photoluminescence spectra. <i>Materials Letters</i> , 2014 , 119, 100-103	3.3	16
80	The behaviors of metal ions in the CdTe quantum dots-H ₂ O ₂ chemiluminescence reaction and its sensing application. <i>Luminescence</i> , 2009 , 24, 271-5	2.5	16
79	Quantum dots-gold(III)-based indirect fluorescence immunoassay for high-throughput screening of APP. <i>Chemical Communications</i> , 2009 , 2559-61	5.8	16
78	Fabrication of Bis-Quaternary Ammonium Salt as an Efficient Bactericidal Weapon Against and. <i>ACS Omega</i> , 2018 , 3, 14517-14525	3.9	16
77	Direct reduction of H ₂ AuCl ₄ for the visual detection of intracellular hydrogen peroxide based on Au-Pt/SiO ₂ nanospheres. <i>Sensors and Actuators B: Chemical</i> , 2017 , 248, 367-373	8.5	15
76	Investigation the interaction between protamine sulfate and CdTe quantum dots with spectroscopic techniques. <i>RSC Advances</i> , 2016 , 6, 10215-10220	3.7	15
75	Mineralized State of the Avian Influenza Virus in the Environment. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 12908-12912	16.4	15
74	Near-Infrared electrochemiluminescence biosensor for high sensitive detection of porcine reproductive and respiratory syndrome virus based on cyclodextrin-grafted porous Au/PtAu nanotube. <i>Sensors and Actuators B: Chemical</i> , 2017 , 240, 586-594	8.5	15
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