

Cheng Zhi Huang

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2998750/cheng-zhi-huang-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

368
papers

12,912
citations

57
h-index

97
g-index

382
ext. papers

15,063
ext. citations

6.9
avg, IF

7.12
L-index

#	Paper	IF	Citations
368	Carbon dots: synthesis, formation mechanism, fluorescence origin and sensing applications. <i>Green Chemistry</i> , 2019 , 21, 449-471	10	516
367	Highly selective detection of phosphate in very complicated matrixes with an off-on fluorescent probe of europium-adjusted carbon dots. <i>Chemical Communications</i> , 2011 , 47, 2604-6	5.8	400
366	One-pot hydrothermal synthesis of highly luminescent nitrogen-doped amphoteric carbon dots for bioimaging from Bombyx mori silk - natural proteins. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 2868-2873	7.3	388
365	Determination of nucleic acids by a resonance light-scattering technique with alpha, beta, gamma, delta-tetrakis[4-(trimethylammonium)phenyl]porphine. <i>Analytical Chemistry</i> , 1996 , 68, 2259-63	7.8	316
364	A general quantitative pH sensor developed with dicyandiamide N-doped high quantum yield graphene quantum dots. <i>Nanoscale</i> , 2014 , 6, 3868-74	7.7	309
363	Assembly of aptamer switch probes and photosensitizer on gold nanorods for targeted photothermal and photodynamic cancer therapy. <i>ACS Nano</i> , 2012 , 6, 5070-7	16.7	297
362	Visual observation of the mercury-stimulated peroxidase mimetic activity of gold nanoparticles. <i>Chemical Communications</i> , 2011 , 47, 11939-41	5.8	242
361	Synthesis of Ag nanocubes 18-32 nm in edge length: the effects of polyol on reduction kinetics, size control, and reproducibility. <i>Journal of the American Chemical Society</i> , 2013 , 135, 1941-51	16.4	235
360	Curcumin modified silver nanoparticles for highly efficient inhibition of respiratory syncytial virus infection. <i>Nanoscale</i> , 2016 , 8, 3040-8	7.7	172
359	Synthesis of nitrogen-doping carbon dots with different photoluminescence properties by controlling the surface states. <i>Nanoscale</i> , 2016 , 8, 6770-6	7.7	164
358	Polyol Synthesis of Ultrathin Pd Nanowires via Attachment-Based Growth and Their Enhanced Activity towards Formic Acid Oxidation. <i>Advanced Functional Materials</i> , 2014 , 24, 131-139	15.6	158
357	Gold-Coated FeO Nanoroses with Five Unique Functions for Cancer Cell Targeting, Imaging and Therapy. <i>Advanced Functional Materials</i> , 2014 , 24, 1772-1780	15.6	158
356	An inner filter effect based sensor of tetracycline hydrochloride as developed by loading photoluminescent carbon nanodots in the electrospun nanofibers. <i>Nanoscale</i> , 2016 , 8, 2999-3007	7.7	146
355	Graphene signal amplification for sensitive and real-time fluorescence anisotropy detection of small molecules. <i>Analytical Chemistry</i> , 2013 , 85, 1424-30	7.8	142
354	A surfactant-assisted redox hydrothermal route to prepare highly photoluminescent carbon quantum dots with aggregation-induced emission enhancement properties. <i>Chemical Communications</i> , 2013 , 49, 8015-7	5.8	132
353	Toxicity of graphene oxide and multi-walled carbon nanotubes against human cells and zebrafish. <i>Science China Chemistry</i> , 2012 , 55, 2209-2216	7.9	124
352	Synergistic antiviral effect of curcumin functionalized graphene oxide against respiratory syncytial virus infection. <i>Nanoscale</i> , 2017 , 9, 16086-16092	7.7	120

351	Highly fluorescent carbon dots as selective and visual probes for sensing copper ions in living cells via an electron transfer process. <i>Biosensors and Bioelectronics</i> , 2017 , 97, 157-163	11.8	119
350	One-step label-free optical genosensing system for sequence-specific DNA related to the human immunodeficiency virus based on the measurements of light scattering signals of gold nanorods. <i>Analytical Chemistry</i> , 2008 , 80, 8424-30	7.8	119
349	Chiral nanoprobe for targeting and long-term imaging of the Golgi apparatus. <i>Chemical Science</i> , 2017 , 8, 6829-6835	9.4	114
348	Facile in Situ Synthesis of Silver Nanoparticles on the Surface of Metal-Organic Framework for Ultrasensitive Surface-Enhanced Raman Scattering Detection of Dopamine. <i>Analytical Chemistry</i> , 2015 , 87, 12177-82	7.8	112
347	Highly selective detection of 2,4,6-trinitrophenol by using newly developed terbium-doped blue carbon dots. <i>Analyst, The</i> , 2016 , 141, 2676-81	5	109
346	Visual and light scattering spectrometric detections of melamine with polythymine-stabilized gold nanoparticles through specific triple hydrogen-bonding recognition. <i>Chemical Communications</i> , 2010 , 46, 4893-5	5.8	109
345	One-step synthesis of fluorescent hydroxyls-coated carbon dots with hydrothermal reaction and its application to optical sensing of metal ions. <i>Science China Chemistry</i> , 2011 , 54, 1342-1347	7.9	108
344	Large-scale simultaneous synthesis of highly photoluminescent green amorphous carbon nanodots and yellow crystalline graphene quantum dots at room temperature. <i>Green Chemistry</i> , 2017 , 19, 3611-3617	10.9	104
343	Carbon nanotubes as a low background signal platform for a molecular aptamer beacon on the basis of long-range resonance energy transfer. <i>Analytical Chemistry</i> , 2010 , 82, 8432-7	7.8	100
342	Real-time dark-field scattering microscopic monitoring of the in situ growth of single Ag@Hg nanoalloys. <i>ACS Nano</i> , 2013 , 7, 11026-34	16.7	95
341	Photosensitizer-gold nanorod composite for targeted multimodal therapy. <i>Small</i> , 2013 , 9, 3678-84	11	95
340	A colorimetric immunoassay for respiratory syncytial virus detection based on gold nanoparticles-graphene oxide hybrids with mercury-enhanced peroxidase-like activity. <i>Chemical Communications</i> , 2014 , 50, 11526-8	5.8	93
339	Fluorescent carbon dots functionalization. <i>Advances in Colloid and Interface Science</i> , 2019 , 270, 165-190	14.3	92
338	One-pot green synthesis of graphene oxide/gold nanocomposites as SERS substrates for malachite green detection. <i>Analyst, The</i> , 2013 , 138, 3075-81	5	89
337	FeO and metal-organic framework MIL-101(Fe) composites catalyze luminol chemiluminescence for sensitively sensing hydrogen peroxide and glucose. <i>Talanta</i> , 2018 , 179, 43-50	6.2	88
336	A large-scale synthesis of photoluminescent carbon quantum dots: a self-exothermic reaction driving the formation of the nanocrystalline core at room temperature. <i>Green Chemistry</i> , 2016 , 18, 5127-5132	10	88
335	End-to-end assembly of gold nanorods by means of oligonucleotide-mercury(II) molecular recognition. <i>Chemical Communications</i> , 2010 , 46, 1332-4	5.8	88
334	Germanium-doped carbon dots as a new type of fluorescent probe for visualizing the dynamic invasions of mercury(II) ions into cancer cells. <i>Nanoscale</i> , 2015 , 7, 16841-7	7.7	86

333	Redox-Active AIEgen-Derived Plasmonic and Fluorescent Core@Shell Nanoparticles for Multimodality Bioimaging. <i>Journal of the American Chemical Society</i> , 2018 , 140, 6904-6911	16.4	86
332	Carbon dots synthesized at room temperature for detection of tetracycline hydrochloride. <i>Analytica Chimica Acta</i> , 2019 , 1063, 144-151	6.6	86
331	Hydrogen-bond-mediated in situ fabrication of AgNPs/agar/PAN electrospun nanofibers as reproducible SERS substrates. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 1586-94	9.5	83
330	Controllable Synthesis of Porphyrin-Based 2D Lanthanide Metal-Organic Frameworks with Thickness- and Metal-Node-Dependent Photocatalytic Performance. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3300-3306	16.4	82
329	An Enzyme-Free DNA Circuit-Assisted Graphene Oxide Enhanced Fluorescence Anisotropy Assay for MicroRNA Detection with Improved Sensitivity and Selectivity. <i>Analytical Chemistry</i> , 2017 , 89, 8766-8771	7.8	81
328	Terbium(III) Modified Fluorescent Carbon Dots for Highly Selective and Sensitive Ratiometry of Stringent. <i>Analytical Chemistry</i> , 2018 , 90, 4003-4009	7.8	80
327	Controllable copper deficiency in Cu ₂ -xSe nanocrystals with tunable localized surface plasmon resonance and enhanced chemiluminescence. <i>Nanoscale</i> , 2014 , 6, 10289-96	7.7	80
326	In Situ Synthesis of Gold Nanoparticles/Metal-Organic Gels Hybrids with Excellent Peroxidase-Like Activity for Sensitive Chemiluminescence Detection of Organophosphorus Pesticides. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 28868-28876	9.5	79
325	A graphene oxide enhanced fluorescence anisotropy strategy for DNAzyme-based assay of metal ions. <i>Chemical Communications</i> , 2013 , 49, 1942-4	5.8	76
324	Carbon Nanodots-Catalyzed Chemiluminescence of Luminol: A Singlet Oxygen-Induced Mechanism. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 19219-19225	3.8	75
323	Singlet Oxygen Involved Luminol Chemiluminescence Catalyzed by Graphene Oxide. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 21622-21628	3.8	74
322	Inner filter with carbon quantum dots: A selective sensing platform for detection of hematin in human red cells. <i>Biosensors and Bioelectronics</i> , 2018 , 100, 148-154	11.8	73
321	Visual sandwich immunoassay system on the basis of plasmon resonance scattering signals of silver nanoparticles. <i>Analytical Chemistry</i> , 2009 , 81, 1707-14	7.8	73
320	A functional preservation strategy for the production of highly photoluminescent emerald carbon dots for lysosome targeting and lysosomal pH imaging. <i>Nanoscale</i> , 2018 , 10, 14705-14711	7.7	69
319	A distance-dependent metal-enhanced fluorescence sensing platform based on molecular beacon design. <i>Biosensors and Bioelectronics</i> , 2014 , 52, 367-73	11.8	69
318	Green and easy synthesis of biocompatible graphene for use as an anticoagulant. <i>RSC Advances</i> , 2012 , 2, 2322	3.7	66
317	Screening sensitive nanosensors via the investigation of shape-dependent localized surface plasmon resonance of single Ag nanoparticles. <i>Nanoscale</i> , 2013 , 5, 7458-66	7.7	64
316	Photoinduced Electron Transfer Process Visualized on Single Silver Nanoparticles. <i>ACS Nano</i> , 2017 , 11, 2085-2093	16.7	60

3 ¹⁵	Controlled synthesis of CuS caved superstructures and their application to the catalysis of organic dye degradation in the absence of light. <i>CrystEngComm</i> , 2015 , 17, 1374-1380	3.3	60
3 ¹⁴	Gold nanoparticles immobilized on metal-organic frameworks with enhanced catalytic performance for DNA detection. <i>Analytica Chimica Acta</i> , 2015 , 861, 55-61	6.6	59
3 ¹³	A facile and green method to fabricate graphene-based multifunctional hydrogels for miniature-scale water purification. <i>RSC Advances</i> , 2013 , 3, 9240	3.7	57
3 ¹²	Graphene oxide as an efficient signal-to-background enhancer for DNA detection with a long range resonance energy transfer strategy. <i>Chemical Communications</i> , 2011 , 47, 11718-20	5.8	57
3 ¹¹	Carbon dots with aggregation induced emission enhancement for visual permittivity detection. <i>Chemical Communications</i> , 2016 , 52, 2063-6	5.8	55
3 ¹⁰	Photothermal Soft Nanoballs Developed by Loading Plasmonic CuSe Nanocrystals into Liposomes for Photothermal Immunoassay of Aflatoxin B. <i>Analytical Chemistry</i> , 2019 , 91, 4444-4450	7.8	55
3 ⁰⁹	Antibacterials loaded electrospun composite nanofibers: release profile and sustained antibacterial efficacy. <i>Polymer Chemistry</i> , 2014 , 5, 1965-1975	4.9	53
3 ⁰⁸	Cu(I)-Doped carbon quantum dots with zigzag edge structures for highly efficient catalysis of azide-alkyne cycloadditions. <i>Green Chemistry</i> , 2017 , 19, 1494-1498	10	52
3 ⁰⁷	One-step synthesis of chiral carbon quantum dots and their enantioselective recognition. <i>RSC Advances</i> , 2016 , 6, 59956-59960	3.7	52
3 ⁰⁶	Novel Iron(III)-Based Metal-Organic Gels with Superior Catalytic Performance toward Luminol Chemiluminescence. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 31834-31840	9.5	52
3 ⁰⁵	Energy transfer with gold nanoparticles for analytical applications in the fields of biochemical and pharmaceutical sciences. <i>Analytical Methods</i> , 2010 , 2, 1439	3.2	52
3 ⁰⁴	A graphitic carbon nitride based fluorescence resonance energy transfer detection of riboflavin. <i>Talanta</i> , 2016 , 148, 279-84	6.2	51
3 ⁰³	A highly selective and colorimetric assay of lysine by molecular-driven gold nanorods assembly. <i>Biosensors and Bioelectronics</i> , 2012 , 34, 197-201	11.8	51
3 ⁰²	Aptamer-mediated nanoparticle-based protein labeling platform for intracellular imaging and tracking endocytosis dynamics. <i>Analytical Chemistry</i> , 2012 , 84, 3099-110	7.8	51
3 ⁰¹	One-pot carbonization synthesis of europium-doped carbon quantum dots for highly selective detection of tetracycline. <i>Methods and Applications in Fluorescence</i> , 2017 , 5, 015003	3.1	49
3 ⁰⁰	Aggregation-induced emission enhancement of yellow photoluminescent carbon dots for highly selective detection of environmental and intracellular copper(II) ions. <i>Chinese Chemical Letters</i> , 2019 , 30, 1410-1414	8.1	49
2 ⁹⁹	Photoluminescence of carbon quantum dots: coarsely adjusted by quantum confinement effects and finely by surface trap states. <i>Science China Chemistry</i> , 2018 , 61, 490-496	7.9	49
2 ⁹⁸	Self-exothermic reaction prompted synthesis of single-layered graphene quantum dots at room temperature. <i>Chemical Communications</i> , 2017 , 53, 4958-4961	5.8	48

297	Individually color-coded plasmonic nanoparticles for RGB analysis. <i>Chemical Communications</i> , 2011 , 47, 8121-3	5.8	48
296	Recent Developments of the Resonance Light Scattering Technique: Technical Evolution, New Probes and Applications. <i>Applied Spectroscopy Reviews</i> , 2007 , 42, 177-201	4.5	48
295	An enzyme-induced Au@Ag core-shell nanoStructure used for an ultrasensitive surface-enhanced Raman scattering immunoassay of cancer biomarkers. <i>Nanoscale</i> , 2017 , 9, 2640-2645	7.7	47
294	An active structure preservation method for developing functional graphitic carbon dots as an effective antibacterial agent and a sensitive pH and Al(III) nanosensor. <i>Nanoscale</i> , 2017 , 9, 17334-17341	7.7	46
293	Real-time light scattering tracking of gold nanoparticles- bioconjugated respiratory syncytial virus infecting HEp-2 cells. <i>Scientific Reports</i> , 2014 , 4, 4529	4.9	46
292	Visually monitoring the etching process of gold nanoparticles by KI/I ₂ at single-nanoparticle level using scattered-light dark-field microscopic imaging. <i>Nano Research</i> , 2016 , 9, 1125-1134	10	45
291	Electrostatic Assemblies of Well-Dispersed AgNPs on the Surface of Electrospun Nanofibers as Highly Active SERS Substrates for Wide-Range pH Sensing. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 14802-11	9.5	45
290	CuO nanoparticles derived from metal-organic gel with excellent electrocatalytic and peroxidase-mimicking activities for glucose and cholesterol detection. <i>Biosensors and Bioelectronics</i> , 2019 , 145, 111704	11.8	44
289	Water-soluble luminescent copper nanoclusters reduced and protected by histidine for sensing of guanosine 5'-triphosphate. <i>New Journal of Chemistry</i> , 2014 , 38, 3673	3.6	44
288	Highly selective and sensitive detection of 2,4,6-trinitrophenol by using newly developed blue-green photoluminescent carbon nanodots. <i>Talanta</i> , 2016 , 161, 875-880	6.2	44
287	Graphene oxide as a nano-platform for ATP detection based on aptamer chemistry. <i>Analytical Methods</i> , 2012 , 4, 1662	3.2	43
286	Optically active red-emitting Cu nanoclusters originating from complexation and redox reaction between copper(II) and D/L-penicillamine. <i>Nanoscale</i> , 2016 , 8, 9764-70	7.7	42
285	Anthrax biomarker: An ultrasensitive fluorescent ratiometry of dipicolinic acid by using terbium(III)-modified carbon dots. <i>Talanta</i> , 2019 , 191, 443-448	6.2	42
284	Functional preserving carbon dots-based fluorescent probe for mercury (II) ions sensing in herbal medicines via coordination and electron transfer. <i>Analytica Chimica Acta</i> , 2018 , 1035, 203-210	6.6	42
283	Identification of Iodine-Induced Morphological Transformation of Gold Nanorods. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 11691-11695	3.8	41
282	Boron and nitrogen co-doped single-layered graphene quantum dots: a high-affinity platform for visualizing the dynamic invasion of HIV DNA into living cells through fluorescence resonance energy transfer. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 8719-8724	7.3	40
281	Carbon dot-based composites for catalytic applications. <i>Green Chemistry</i> , 2020 , 22, 4034-4054	10	40
280	Silver nanoparticles deposited on graphene oxide for ultrasensitive surface-enhanced Raman scattering immunoassay of cancer biomarker. <i>Nanoscale</i> , 2018 , 10, 11942-11947	7.7	40

279	Terbium(III) Organic Gels: Novel Antenna Effect-Induced Enhanced Electrochemiluminescence Emitters. <i>Analytical Chemistry</i> , 2018 , 90, 12191-12197	7.8	40
278	Dendritic CuSe with Hierarchical Side-Branched: Synthesis, Efficient Adsorption, and Enhanced Photocatalytic Activities under Daylight. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 4154-4160	8.3	39
277	Luminescent golden silk and fabric through in situ chemically coating pristine-silk with gold nanoclusters. <i>Biomaterials</i> , 2015 , 36, 26-32	15.6	39
276	A portable RGB sensing gadget for sensitive detection of Hg using cysteamine-capped QDs as fluorescence probe. <i>Biosensors and Bioelectronics</i> , 2017 , 98, 36-40	11.8	38
275	Highly selective detection of phosphate ion based on a single-layered graphene quantum dots-Al strategy. <i>Talanta</i> , 2018 , 178, 172-177	6.2	38
274	Localized surface plasmon resonance of gold nanorods and assemblies in the view of biomedical analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 80, 429-443	14.6	38
273	Stable gold nanoparticles as a novel peroxidase mimic for colorimetric detection of cysteine. <i>Analytical Methods</i> , 2016 , 8, 2494-2501	3.2	38
272	Use of the peroxidase mimetic activity of erythrocyte-like Cu _{1.8} S nanoparticles in the colorimetric determination of glutathione. <i>Analytical Methods</i> , 2017 , 9, 841-846	3.2	37
271	Surface-engineered quantum dots/electrospun nanofibers as a networked fluorescence aptasensing platform toward biomarkers. <i>Nanoscale</i> , 2017 , 9, 17020-17028	7.7	37
270	Ultrasensitive Electrochemiluminescence Detection of MicroRNA via One-Step Introduction of a Target-Triggered Branched Hybridization Chain Reaction Circuit. <i>Analytical Chemistry</i> , 2019 , 91, 9308-9314	7.8	37
269	Porous hollow CuS nanospheres with prominent peroxidase-like activity prepared in large scale by a one-pot controllable hydrothermal step. <i>RSC Advances</i> , 2015 , 5, 17458-17465	3.7	37
268	Metal-organic framework MIL-101 enhanced fluorescence anisotropy for sensitive detection of DNA. <i>RSC Advances</i> , 2014 , 4, 9379-9382	3.7	37
267	Color-Encoded Assays for the Simultaneous Quantification of Dual Cancer Biomarkers. <i>Analytical Chemistry</i> , 2017 , 89, 8484-8489	7.8	37
266	Resonance light scattering imaging detection of proteins with alpha,beta,gamma,delta-tetrakis(p-sulfophenyl)porphyrin. <i>Analytical Biochemistry</i> , 2003 , 321, 236-43	3.1	37
265	"Click" on Alkynylated Carbon Quantum Dots: An Efficient Surface Functionalization for Specific Biosensing and Bioimaging. <i>Chemistry - A European Journal</i> , 2017 , 23, 2171-2178	4.8	36
264	DNA Nanofirecrackers Assembled through Hybridization Chain Reaction for Ultrasensitive SERS Immunoassay of Prostate Specific Antigen. <i>Analytical Chemistry</i> , 2020 , 92, 4046-4052	7.8	36
263	Label-free and selective sensing of uric acid with gold nanoclusters as optical probe. <i>Talanta</i> , 2016 , 152, 314-20	6.2	36
262	Mitochondria-targeting single-layered graphene quantum dots with dual recognition sites for ATP imaging in living cells. <i>Nanoscale</i> , 2018 , 10, 17402-17408	7.7	36

261	Highly selective detection of bacterial alarmone ppGpp with an off-on fluorescent probe of copper-mediated silver nanoclusters. <i>Biosensors and Bioelectronics</i> , 2013 , 49, 433-7	11.8	36
260	Graphene oxide amplified fluorescence anisotropy for label-free detection of potassium ion. <i>Analyst, The</i> , 2015 , 140, 353-7	5	36
259	Controllable preparation of metal nanoparticle/carbon nanotube hybrids as efficient dark field light scattering agents for cell imaging. <i>Chemical Communications</i> , 2010 , 46, 4303-5	5.8	36
258	One-pot preparation of dextran-capped gold nanoparticles at room temperature and colorimetric detection of dihydralazine sulfate in uric samples. <i>Analytical Methods</i> , 2010 , 2, 1982	3.2	35
257	Dynamically Long-Term Imaging of Cellular RNA by Fluorescent Carbon Dots with Surface Isoquinoline Moieties and Amines. <i>Analytical Chemistry</i> , 2018 , 90, 11358-11365	7.8	35
256	Recent insights into functionalized electrospun nanofibrous films for chemo-/bio-sensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 124, 115813	14.6	34
255	Gold nanoparticle-based enhanced ELISA for respiratory syncytial virus. <i>New Journal of Chemistry</i> , 2014 , 38, 2935-2940	3.6	34
254	Fluorescent detection of silver(I) and cysteine using SYBR Green I and a silver(I)-specific oligonucleotide. <i>Mikrochimica Acta</i> , 2012 , 177, 137-144	5.8	34
253	Shape- and size-dependent catalysis activities of iron-terephthalic acid metal-organic frameworks. <i>Science China Chemistry</i> , 2015 , 58, 1553-1560	7.9	33
252	Real-time monitoring of oxidative etching on single Ag nanocubes via light-scattering dark-field microscopy imaging. <i>Nanoscale</i> , 2015 , 7, 15209-13	7.7	33
251	A novel graphene oxide amplified fluorescence anisotropy assay with improved accuracy and sensitivity. <i>Chemical Communications</i> , 2015 , 51, 16080-3	5.8	32
250	A sensitive surface-enhanced Raman scattering enzyme-catalyzed immunoassay of respiratory syncytial virus. <i>Talanta</i> , 2016 , 148, 308-12	6.2	32
249	Hydrophilic CuSe/reduced graphene oxide nanocomposites with tunable plasmonic properties and their applications in cellular dark-field microscopic imaging. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 7027-7033	7.3	32
248	Nanosilver-based surface-enhanced Raman spectroscopic determination of DNA methyltransferase activity through real-time hybridization chain reaction. <i>Biosensors and Bioelectronics</i> , 2015 , 73, 228-233	11.8	32
247	HSI colour-coded analysis of scattered light of single plasmonic nanoparticles. <i>Nanoscale</i> , 2016 , 8, 11467-71	7.1	32
246	Real-time dark-field light scattering imaging to monitor the coupling reaction with gold nanorods as an optical probe. <i>Nanoscale</i> , 2017 , 9, 3568-3575	7.7	31
245	A graphene oxide-based strand displacement amplification platform for ricin detection using aptamer as recognition element. <i>Biosensors and Bioelectronics</i> , 2017 , 91, 149-154	11.8	31
244	Ratiometrically Fluorescent Electrospun Nanofibrous Film as a Cu-Mediated Solid-Phase Immunoassay Platform for Biomarkers. <i>Analytical Chemistry</i> , 2018 , 90, 9966-9974	7.8	31

243	Ru(III)-Based Metal-Organic Gels: Intrinsic Horseradish and NADH Peroxidase-Mimicking Nanozyme. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 29158-29166	9.5	31
242	General Sensitive Detecting Strategy of Ions through Plasmonic Resonance Energy Transfer from Gold Nanoparticles to Rhodamine Spirolactam. <i>Analytical Chemistry</i> , 2017 , 89, 1808-1814	7.8	30
241	Cytosine triphosphate-capped silver nanoparticles as a platform for visual and colorimetric determination of mercury(II) and chromium(III). <i>Mikrochimica Acta</i> , 2017 , 184, 3171-3178	5.8	30
240	Plasmon-induced light concentration enhanced imaging visibility as observed by a composite-field microscopy imaging system. <i>Chemical Science</i> , 2016 , 7, 5477-5483	9.4	30
239	DNA-AuNP networks on cell membranes as a protective barrier to inhibit viral attachment, entry and budding. <i>Biomaterials</i> , 2016 , 77, 216-26	15.6	29
238	Branched polyethylenimine-functionalized carbon dots as sensitive and selective fluorescent probes for N-acetylcysteine via an off-on mechanism. <i>Analyst, The</i> , 2017 , 142, 4221-4227	5	29
237	The aggregation induced emission quenching of graphene quantum dots for visualizing the dynamic invasions of cobalt(ii) into living cells. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 6394-6399	7.3	29
236	Sensitive detection of prion protein through long range resonance energy transfer between graphene oxide and molecular aptamer beacon. <i>Analytical Methods</i> , 2013 , 5, 208-212	3.2	29
235	Core-shell quantum dots coated with molecularly imprinted polymer for selective photoluminescence sensing of perfluorooctanoic acid. <i>Talanta</i> , 2019 , 194, 1-6	6.2	29
234	Preparation of nitrogen-doped carbon dots with high quantum yield from Bombyx mori silk for Fe(III) ions detection. <i>RSC Advances</i> , 2017 , 7, 50584-50590	3.7	28
233	Carbon Quantum Dots-Europium(III) Energy Transfer Architecture Embedded in Electrospun Nanofibrous Membranes for Fingerprint Security and Document Counterspy. <i>Analytical Chemistry</i> , 2019 , 91, 11185-11191	7.8	28
232	Pt-Cr2O3-WO3 composite nanofibers as gas sensors for ultra-high sensitive and selective xylene detection. <i>Sensors and Actuators B: Chemical</i> , 2019 , 300, 127008	8.5	27
231	Reduced graphene oxide gated mesoporous silica nanoparticles as a versatile chemo-photothermal therapy system through pH controllable release. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 6377-6384	7.3	27
230	A cancer-targeted drug delivery system developed with gold nanoparticle mediated DNA α oxorubicin conjugates. <i>RSC Advances</i> , 2014 , 4, 34830-34835	3.7	27
229	Carbon dots-involved chemiluminescence: Recent advances and developments. <i>Luminescence</i> , 2019 , 34, 4-22	2.5	27
228	DNA-templated silver nanoclusters as label-free fluorescent probes for detection of bleomycin. <i>Analytical Methods</i> , 2013 , 5, 6200	3.2	26
227	Synergetic catalytic effect of Cu ₂ -xSe nanoparticles and reduced graphene oxide coembedded in electrospun nanofibers for the reduction of a typical refractory organic compound. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 15447-57	9.5	25
226	Exonuclease III-assisted graphene oxide amplified fluorescence anisotropy strategy for ricin detection. <i>Biosensors and Bioelectronics</i> , 2016 , 85, 822-827	11.8	25

225	Luminol and gold nanoparticle-co-precipitated reduced graphene oxide hybrids with long-persistent chemiluminescence for cholesterol detection. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 7335-7341	7.3	25
224	An efficient solid-state synthesis of fluorescent surface carboxylated carbon dots derived from C60 as a label-free probe for iron ions in living cells. <i>Talanta</i> , 2015 , 144, 93-7	6.2	25
223	Morphology Control and Structural Characterization of Au Crystals: From Twinned Tabular Crystals and Single-Crystalline Nanoplates to Multitwinned Decahedra. <i>Crystal Growth and Design</i> , 2009 , 9, 3211-3217	3.5	25
222	A resonance light scattering ratiometry applied for binding study of organic small molecules with biopolymer. <i>Talanta</i> , 2006 , 69, 180-6	6.2	25
221	New Off-On Sensor for Captopril Sensing Based on Photoluminescent MoO Quantum Dots. <i>ACS Omega</i> , 2017 , 2, 1666-1671	3.9	24
220	Plasmonic platforms for colorimetric sensing of cysteine. <i>Applied Spectroscopy Reviews</i> , 2016 , 51, 129-147	4.5	24
219	Label-free DNA detection on the basis of fluorescence resonance energy transfer from oligonucleotide-templated silver nanoclusters to multi-walled carbon nanotubes. <i>Analytical Methods</i> , 2013 , 5, 5555	3.2	24
218	Aluminum-doped NiO nanofibers as chemical sensors for selective and sensitive methanol detection. <i>Analytical Methods</i> , 2019 , 11, 575-581	3.2	23
217	Polydopamine-embedded Cu(2-x)Se nanoparticles as a sensitive biosensing platform through the coupling of nanometal surface energy transfer and photo-induced electron transfer. <i>Analyst, The</i> , 2015 , 140, 4121-9	5	23
216	Luminescent Zn(II)terpyridine metalorganic gel for visual recognition of anions. <i>RSC Advances</i> , 2015 , 5, 2857-2860	3.7	23
215	Polarity-Sensitive Polymer Carbon Dots Prepared at Room-Temperature for Monitoring the Cell Polarity Dynamics during Autophagy. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 4815-4820	9.5	23
214	Development of nitrogen and sulfur-doped carbon dots for cellular imaging. <i>Journal of Pharmaceutical Analysis</i> , 2019 , 9, 127-132	14	23
213	Dark-Field Microscopy: Recent Advances in Accurate Analysis and Emerging Applications. <i>Analytical Chemistry</i> , 2021 , 93, 4707-4726	7.8	23
212	Fluorescent carbon dots: facile synthesis at room temperature and its application for Fe ²⁺ sensing. <i>Journal of Nanoparticle Research</i> , 2017 , 19, 1	2.3	22
211	Polymethacrylic acid-facilitated nanofiber matrix loading Ag nanoparticles for SERS measurements. <i>RSC Advances</i> , 2014 , 4, 38783-38790	3.7	22
210	Aptamer-mediated nanocomposites of semiconductor quantum dots and graphene oxide as well as their applications in intracellular imaging and targeted drug delivery. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 8558-8565	7.3	22
209	Protective effect of Dendrobium officinale polysaccharides on HO-induced injury in H9c2 cardiomyocytes. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 94, 72-78	7.5	22
208	Plasmonics-attended NSET and PRET for analytical applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 124, 115805	14.6	22

207	Enzyme Activity Triggered Blocking of Plasmon Resonance Energy Transfer for Highly Selective Detection of Acid Phosphatase. <i>Analytical Chemistry</i> , 2020 , 92, 2130-2135	7.8	22
206	A copper(II)/cobalt(II) organic gel with enhanced peroxidase-like activity for fluorometric determination of hydrogen peroxide and glucose. <i>Mikrochimica Acta</i> , 2019 , 186, 168	5.8	21
205	Development of a portable device for Ag sensing using CdTe QDs as fluorescence probe via an electron transfer process. <i>Talanta</i> , 2019 , 191, 357-363	6.2	21
204	Cu(2+)-mediated fluorescence switching of gold nanoclusters for the selective detection of clioquinol. <i>Analyst, The</i> , 2015 , 140, 8194-200	5	20
203	Precision improvement in dark-field microscopy imaging by using gold nanoparticles as an internal reference: a combined theoretical and experimental study. <i>Nanoscale</i> , 2016 , 8, 8729-36	7.7	20
202	Tuning of the near-infrared localized surface plasmon resonance of Cu ₂ Se nanoparticles with lysozyme-induced selective aggregation. <i>RSC Advances</i> , 2014 , 4, 55094-55099	3.7	20
201	Nitrogen and phosphorus doped polymer carbon dots as a sensitive cellular mapping probe of nitrite. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 2074-2080	7.3	20
200	Localized surface plasmon resonance scattering imaging and spectroscopy for real-time reaction monitoring. <i>Applied Spectroscopy Reviews</i> , 2019 , 54, 237-249	4.5	19
199	Label-free gold nanorods sensor array for colorimetric detection and discrimination of biothiols in human urine samples. <i>Talanta</i> , 2019 , 203, 220-226	6.2	19
198	2,4,6-Trinitrophenol detection by a new portable sensing gadget using carbon dots as a fluorescent probe. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 2291-2300	4.4	19
197	Silver-based metal-organic gels as novel coreactant for enhancing electrochemiluminescence and its biosensing potential. <i>Biosensors and Bioelectronics</i> , 2019 , 134, 29-35	11.8	19
196	Rapid and convenient synthesis of stable silver nanoparticles with kiwi juice and its novel application for detecting protease K. <i>New Journal of Chemistry</i> , 2015 , 39, 1295-1300	3.6	19
195	Plasmonic CuS Se Nanoparticles Catalyzed Click Chemistry Reaction for SERS Immunoassay of Cancer Biomarker. <i>Analytical Chemistry</i> , 2018 , 90, 11728-11733	7.8	19
194	Rational Design of pH-Responsive DNA Motifs with General Sequence Compatibility. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 16405-16410	16.4	19
193	Efficient visible-light photocatalytic heterojunctions formed by coupling plasmonic Cu ₂ Se and graphitic carbon nitride. <i>New Journal of Chemistry</i> , 2015 , 39, 6186-6192	3.6	19
192	Recent advances of carbon dots in imaging-guided theranostics. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 134, 116116	14.6	19
191	MIL-101(Cr) as matrix for sensitive detection of quercetin by matrix-assisted laser desorption/ionization mass spectrometry. <i>Talanta</i> , 2017 , 164, 355-361	6.2	18
190	Simple preparation of magnetic metal-organic frameworks composite as a "bait" for phosphoproteome research. <i>Talanta</i> , 2017 , 171, 283-290	6.2	18

189	A galvanic exchange process visualized on single silver nanoparticles via dark-field microscopy imaging. <i>Nanoscale</i> , 2018 , 10, 12805-12812	7.7	18
188	A ratiometric fluorescence recognition of guanosine triphosphate on the basis of Zn(II) complex of 1,4-bis(imidazol-1-ylmethyl) benzene. <i>Analyst, The</i> , 2012 , 137, 5291-6	5	18
187	Facile synthesis of a Fe ₃ O ₄ /MIL-101(Fe) composite with enhanced catalytic performance. <i>RSC Advances</i> , 2016 , 6, 86443-86446	3.7	18
186	Gold Triangular Nanoplates Based Single-Particle Dark-Field Microscopy Assay of Pyrophosphate. <i>Analytical Chemistry</i> , 2019 , 91, 15798-15803	7.8	18
185	Color resolution improvement of the dark-field microscopy imaging of single light scattering plasmonic nanoprobe for microRNA visual detection. <i>Nanoscale</i> , 2017 , 9, 4593-4600	7.7	17
184	Dual Energy Transfer-Based Fluorescent Nanoprobe for Imaging miR-21 in Nonalcoholic Fatty Liver Cells with Low Background. <i>Analytical Chemistry</i> , 2019 , 91, 6761-6768	7.8	17
183	High-Resolution Vertical Polarization Excited Dark-Field Microscopic Imaging of Anisotropic Gold Nanorods for the Sensitive Detection and Spatial Imaging of Intracellular microRNA-21. <i>Analytical Chemistry</i> , 2020 , 92, 13118-13125	7.8	17
182	Aggregation-induced superior peroxidase-like activity of Cu ₂ Se nanoparticles for melamine detection. <i>Analytical Methods</i> , 2016 , 8, 7516-7521	3.2	17
181	Graphitic CN nanosheet and hemin/G-quadruplex DNAzyme-based label-free chemiluminescence aptasensing for biomarkers. <i>Talanta</i> , 2019 , 192, 400-406	6.2	17
180	Selective colorimetric analysis of spermine based on the cross-linking aggregation of gold nanoparticles chain assembly. <i>Talanta</i> , 2017 , 167, 193-200	6.2	16
179	Precise ricin A-chain delivery by Golgi-targeting carbon dots. <i>Chemical Communications</i> , 2019 , 55, 6437-6440	6.4	16
178	Real-time scattered light dark-field microscopic imaging of the dynamic degradation process of sodium dimethyldithiocarbamate. <i>Nanoscale</i> , 2015 , 7, 20709-16	7.7	16
177	Carbon dots-based fluorescence resonance energy transfer for the prostate specific antigen (PSA) with high sensitivity. <i>Talanta</i> , 2020 , 219, 121276	6.2	16
176	Time-resolved visual detection of heparin by accelerated etching of gold nanorods. <i>Analyst, The</i> , 2018 , 143, 824-828	5	16
175	A rapid and sensitive spectrofluorometric method for 6-mercaptopurine using CdTe quantum dots. <i>Analytical Methods</i> , 2013 , 5, 673-677	3.2	16
174	Digitized single scattering nanoparticles for probing molecular binding. <i>Chemical Communications</i> , 2013 , 49, 8262-4	5.8	16
173	Sensitive and selective turn off-on fluorescence detection of heparin based on the energy transfer platform using the BSA-stabilized Au nanoclusters/amino-functionalized graphene oxide hybrids. <i>Talanta</i> , 2016 , 161, 482-488	6.2	16
172	Metal-organic gel enhanced fluorescence anisotropy for sensitive detection of prostate specific antigen. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 192, 328-332	4.4	16

171	Histidine-mediated synthesis of chiral fluorescence gold nanoclusters: insight into the origin of nanoscale chirality. <i>RSC Advances</i> , 2015 , 5, 61449-61454	3.7	15
170	Cobalt oxyhydroxide nanoflakes with oxidase-mimicking activity induced chemiluminescence of luminol for glutathione detection. <i>Talanta</i> , 2020 , 215, 120928	6.2	15
169	Encapsulating a ruthenium(II) complex into metal organic frameworks to engender high sensitivity for dopamine electrochemiluminescence detection. <i>Analytical Methods</i> , 2018 , 10, 1560-1564	3.2	15
168	Tb-containing metal-organic gel with high stability for visual sensing of nitrite. <i>Materials Letters</i> , 2018 , 211, 157-160	3.3	15
167	Förster Resonance Energy Transfer-Based Soft Nanoballs for Specific and Amplified Detection of MicroRNAs. <i>Analytical Chemistry</i> , 2019 , 91, 11023-11029	7.8	15
166	In situ labelling chemistry of respiratory syncytial viruses by employing the biotinylated host-cell membrane protein for tracking the early stage of virus entry. <i>Chemical Communications</i> , 2014 , 50, 15776-15779 ^{5,8}	5.8	15
165	Potassium-induced G-quadruplex DNAzyme as a chemiluminescent sensing platform for highly selective detection of K ⁺ . <i>Analytical Methods</i> , 2014 , 6, 7415-7419	3.2	15
164	A visual physiological temperature sensor developed with gelatin-stabilized luminescent silver nanoclusters. <i>Talanta</i> , 2015 , 143, 469-473	6.2	15
163	Coomassie brilliant blue R-250 as a new surface-enhanced Raman scattering probe for prion protein through a dual-aptamer mechanism. <i>Talanta</i> , 2015 , 139, 35-9	6.2	15
162	Green One-Pot Synthesis of Silver Nanoparticles/MetalOrganic Gels Hybrid and Its Promising SERS Application. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 5292-5299	8.3	14
161	One-step synthesis of Cu(II) metal-organic gel as recyclable material for rapid, efficient and size selective cationic dyes adsorption. <i>Journal of Environmental Sciences</i> , 2019 , 86, 203-212	6.4	14
160	Controllable preparation of graphene oxide/metal nanoparticle hybrids as surface-enhanced Raman scattering substrates for 6-mercaptopurine detection. <i>RSC Advances</i> , 2014 , 4, 16327-16332	3.7	14
159	Dy(III)-induced aggregation emission quenching effect of single-layered graphene quantum dots for selective detection of phosphate in the artificial wetlands. <i>Talanta</i> , 2019 , 196, 100-108	6.2	14
158	A sensitive and low background fluorescent sensing strategy based on g-CN-MnO sandwich nanocomposite and liposome amplification for ricin detection. <i>Analyst, The</i> , 2018 , 143, 5764-5770	5	14
157	Highly selective detection of spermine in human urine via a nanometal surface energy transfer platform. <i>Talanta</i> , 2018 , 188, 218-224	6.2	14
156	A dynamic cell entry pathway of respiratory syncytial virus revealed by tracking the quantum dot-labeled single virus. <i>Nanoscale</i> , 2017 , 9, 7880-7887	7.7	13
155	Dual-aptamer-based sensitive and selective detection of prion protein through the fluorescence resonance energy transfer between quantum dots and graphene oxide. <i>Analytical Methods</i> , 2013 , 5, 6904-6907 ²	7.2	13
154	A portable multi-channel sensing device using Au nano-urchins as probes for melamine detection in milk. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 7806-7812	7.1	13

153	Determination of Proteins with Ponceau G by Compensating for the Molecular Absorption Decreased Resonance Light Scattering Signals. <i>Analytical Letters</i> , 2003 , 36, 1557-1571	2.2	13
152	Microscopic determination of tetracycline based on aluminum-sensitized fluorescence of a self-ordered ring formed by a sessile droplet on glass slide support. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004 , 34, 103-14	3.5	13
151	An Efficient and Selective Deprotecting Method for Methoxymethyl Ethers. <i>Synthetic Communications</i> , 2004 , 34, 4325-4330	1.7	13
150	2D MOF-Based Photoelectrochemical Aptasensor for SARS-CoV-2 Spike Glycoprotein Detection. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 49754-49761	9.5	13
149	Controllable Synthesis of Porphyrin-Based 2D Lanthanide Metal-Organic Frameworks with Thickness- and Metal-Node-Dependent Photocatalytic Performance. <i>Angewandte Chemie</i> , 2020 , 132, 3326-3332	3.6	13
148	A magnetic nanoparticle-based aptasensor for selective and sensitive determination of lysozyme with strongly scattering silver nanoparticles. <i>Analyst, The</i> , 2016 , 141, 3020-6	5	13
147	Insight into a reversible energy transfer system. <i>Nanoscale</i> , 2016 , 8, 16236-16242	7.7	13
146	Sensitive detection of respiratory syncytial virus based on a dual signal amplified plasmonic enzyme-linked immunosorbent assay. <i>Analytica Chimica Acta</i> , 2017 , 962, 73-79	6.6	12
145	A single gold nanoprobe for colorimetric detection of silver(i) ions with dark-field microscopy. <i>Analyst, The</i> , 2019 , 144, 2011-2016	5	12
144	Metal-Organic Gel-Derived Multimetal Oxides as Effective Electrocatalysts for the Oxygen Evolution Reaction. <i>ChemSusChem</i> , 2019 , 12, 2480-2486	8.3	12
143	Rapid detection of a dengue virus RNA sequence with single molecule sensitivity using tandem toehold-mediated displacement reactions. <i>Chemical Communications</i> , 2018 , 54, 968-971	5.8	12
142	His-tag based in situ labelling of progeny viruses for real-time single virus tracking in living cells. <i>Nanoscale</i> , 2016 , 8, 18635-18639	7.7	12
141	Facile one-pot synthesis of folic acid-modified graphene to improve the performance of graphene-based sensing strategy. <i>Journal of Colloid and Interface Science</i> , 2014 , 426, 293-9	9.3	12
140	Visual and light scattering spectrometric method for the detection of melamine using uracil 5'-triphosphate sodium modified gold nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 173, 99-104	4.4	12
139	Single-Crystalline TiO ₂ (B) Nanobelts with Unusual Large Exposed {100} Facets and Enhanced Li-Storage Capacity. <i>Advanced Functional Materials</i> , 2021 , 31, 2002187	15.6	12
138	Lattice expansion and oxygen vacancy of FeO during gas sensing. <i>Talanta</i> , 2021 , 221, 121616	6.2	12
137	Hierarchical Hybridization Chain Reaction for Amplified Signal Output and Cascade DNA Logic Circuits. <i>Analytical Chemistry</i> , 2021 , 93, 3411-3417	7.8	12
136	The localized surface plasmon resonance induced edge effect of gold regular hexagonal nanoplates for reaction progress monitoring. <i>Chemical Communications</i> , 2018 , 54, 13359-13362	5.8	12

135	Co-metal-organic-frameworks with pure uniform crystal morphology prepared via Co exchange-mediated transformation from Zn-metallogels for luminol catalysed chemiluminescence. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 175, 11-16	4.4	11
134	Dopamine derived copper nanocrystals used as an efficient sensing, catalysis and antibacterial agent. <i>RSC Advances</i> , 2015 , 5, 55832-55838	3.7	11
133	Highly sensitive detection of hepatitis C virus DNA by using a one-donor-four-acceptors FRET probe. <i>Talanta</i> , 2018 , 185, 118-122	6.2	11
132	Nonstoichiometric Cu ₂ Se nanocrystals in situ produced on the surface of carbon nanotubes for ablation of tumor cells. <i>New Journal of Chemistry</i> , 2016 , 40, 6315-6324	3.6	11
131	Visual Identification of Light-Driven Breakage of the Silver-Dithiocarbamate Bond by Single Plasmonic Nanoprobes. <i>Scientific Reports</i> , 2015 , 5, 15427	4.9	11
130	Quantitation and differentiation of bioparticles based on the measurements of light-scattering signals with a common spectrofluorometer. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 11785-93	3.4	11
129	Dual Energy Transfer-Based DNA/Graphene Oxide Nanocomplex Probe for Highly Robust and Accurate Monitoring of Apoptosis-Related microRNAs. <i>Analytical Chemistry</i> , 2020 , 92, 11565-11572	7.8	11
128	Neural Activation during Anticipation of Near Pain-Threshold Stimulation among the Pain-Fearful. <i>Frontiers in Neuroscience</i> , 2016 , 10, 342	5.1	11
127	Dimension conversion: from a 1D metal-organic gel into a 3D metal-organic porous network with high-efficiency multiple enzyme-like activities for cascade reactions. <i>Nanoscale Horizons</i> , 2020 , 5, 119-123	10.8	11
126	Inconspicuous Reactions Identified by Improved Precision of Plasmonic Scattering Dark-Field Microscopy Imaging Using Silver Shell-Isolated Nanoparticles as Internal References. <i>Analytical Chemistry</i> , 2019 , 91, 3002-3008	7.8	10
125	The synergistic effect enhanced chemical etching of gold nanorods for the rapid and sensitive detection of biomarks. <i>Talanta</i> , 2020 , 219, 121203	6.2	10
124	Nanofabrication of hollowed-out Au@AgPt core-frames via selective carving of silver and deposition of platinum. <i>Chemical Communications</i> , 2020 , 56, 2945-2948	5.8	10
123	A plasmon resonance light scattering assay of glucose based on the formation of gold nanoparticles. <i>Analytical Methods</i> , 2014 , 6, 3779-3783	3.2	10
122	Formation of blue fluorescent ribbons of 4,4'-(1,4-phenylene)bis(2,2':6',2''-terpyridine) and highly selective visual detection of iron(II) cations. <i>RSC Advances</i> , 2013 , 3, 111-116	3.7	10
121	Aptamer-modified selenium nanoparticles for dark-field microscopy imaging of nucleolin. <i>Chemical Communications</i> , 2017 , 53, 13047-13050	5.8	10
120	Indole Carbonized Polymer Dots Boost Full-Color Emission by Regulating Surface State. <i>iScience</i> , 2020 , 23, 101546	6.1	10
119	Cu vacancies enhanced photoelectrochemical activity of metal-organic gel-derived CuO for the detection of l-cysteine. <i>Talanta</i> , 2021 , 228, 122261	6.2	10
118	Ultrasensitive ratiometric electrochemiluminescence for detecting atxA mRNA using luminol-encapsulated liposome as effectively amplified signal labels. <i>Biosensors and Bioelectronics</i> , 2021 , 186, 113263	11.8	10

117	Facile synthesis of binary two-dimensional lanthanide metal-organic framework nanosheets for ratiometric fluorescence detection of mercury ions. <i>Journal of Hazardous Materials</i> , 2022 , 423, 126978	12.8	10
116	Self-Assembly of Microparticles by Supramolecular Homopolymerization of One Component DNA Molecule. <i>Small</i> , 2019 , 15, e1805552	11	9
115	Large-scale preparation of fernwort-like single-crystalline superstructures of CuSe as Fenton-like catalysts for dye decolorization. <i>Science China Chemistry</i> , 2016 , 59, 903-909	7.9	9
114	Vertically aligned gold nanomushrooms on graphene oxide sheets as multifunctional nanocomposites with enhanced catalytic, photothermal and SERS properties. <i>RSC Advances</i> , 2016 , 6, 93645-93648	3.7	9
113	Catalytic chemiluminescent detection of cholesterol in serum with Cu Se semiconductor nanoparticles. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 8771-8778	4.4	9
112	Heparin sodium-selective and lysine-selective fluorescence switching of cadmium telluride quantum dots and their analytical applications. <i>Analytical Methods</i> , 2016 , 8, 453-459	3.2	9
111	Theoretical investigations on enhancing the performance of terminally diketopyrrolopyrrole-based small-molecular donors in organic solar cell applications. <i>Journal of Molecular Modeling</i> , 2016 , 22, 15	2	9
110	Gold nanoparticles based digital color analysis for quinidine detection. <i>Science Bulletin</i> , 2013 , 58, 2027-2031		9
109	Selective and sensitive colorimetric detection of stringent alarmone ppGpp with Fenton-like reagent. <i>Analyst</i> , 2014 , 139, 6284-9	5	9
108	Light scattering investigations on mercury ion induced amalgamation of gold nanoparticles in aqueous medium. <i>Science China Chemistry</i> , 2012 , 55, 1445-1450	7.9	9
107	Efficient peroxydisulfate electrochemiluminescence system based the novel silver metal-organic gel as an effective enhancer. <i>Electrochimica Acta</i> , 2020 , 357, 136842	6.7	9
106	Highly Sensitive Detection of miR-21 through Target-Activated Catalytic Hairpin Assembly of X-Shaped DNA Nanostructures. <i>Analytical Chemistry</i> , 2021 , 93, 14545-14551	7.8	8
105	Discrimination of copper and silver ions based on the label-free quantum dots. <i>Talanta</i> , 2020 , 220, 121430	10.2	8
104	In situ investigating the size-dependent scattering signatures and sensing sensitivity of single silver nanocube through a multi-model approach. <i>Journal of Colloid and Interface Science</i> , 2021 , 584, 253-262	9.3	8
103	Continuous singlet oxygen generation for persistent chemiluminescence in Cu-MOFs-based catalytic system. <i>Talanta</i> , 2021 , 221, 121498	6.2	8
102	Automated Plasmonic Resonance Scattering Imaging Analysis via Deep Learning. <i>Analytical Chemistry</i> , 2021 , 93, 2619-2626	7.8	8
101	A 2D MOF-based artificial light-harvesting system with chloroplast bionic structure for photochemical catalysis. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 9301-9306	13	8
100	Rapid detection of heparin by gold nanorods and near-infrared fluorophore ensemble based platform via nanometal surface energy transfer. <i>Sensors and Actuators B: Chemical</i> , 2018 , 274, 318-323	8.5	7

99	Single scattering particles based analytical techniques. <i>Science Bulletin</i> , 2013 , 58, 1969-1979		7
98	Determination of Heparin Using Azure B by Flow Injection Analysis-Resonance Light Scattering Coupled Technique. <i>Analytical Letters</i> , 2005 , 38, 317-330	2.2	7
97	Self-Targeting Carbon Quantum Dots for Peroxynitrite Detection and Imaging in Live Cells. <i>Analytical Chemistry</i> , 2021 ,	7.8	7
96	Enzyme-triggered fluorescence turn-off/turn-on of carbon dots for monitoring β -glucosidase and its inhibitor in living cells. <i>Luminescence</i> , 2020 , 35, 222-230	2.5	7
95	Distance-Dependence Study of Plasmon Resonance Energy Transfer with DNA Spacers. <i>Analytical Chemistry</i> , 2020 , 92, 14278-14283	7.8	7
94	Nonstoichiometric copper chalcogenides for photo-activated alkyne/azide cycloaddition. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 6964-6968	3.6	6
93	Visual detection of cancer cells by using in situ grown functional CuSe/reduced graphene oxide hybrids acting as an efficient nanozyme. <i>Analyst</i> , 2019 , 144, 716-721	5	6
92	Metal-Mediated Gold Nanospheres Assembled for Dark-Field Microscopy Imaging Scatterometry. <i>Talanta</i> , 2019 , 201, 280-285	6.2	6
91	Facile synthesis of gold nanoflowers as SERS substrates and their morphological transformation induced by iodide ions. <i>Science China Chemistry</i> , 2016 , 59, 1045-1050	7.9	6
90	Multifunctional fluorescent carbon dots inhibit the invasiveness of lung cancer cells. <i>New Journal of Chemistry</i> , 2018 , 42, 15311-15314	3.6	6
89	Highly selective recognition of adenosine 5'-triphosphate against other nucleosides triphosphate with a luminescent metal-organic framework of $[Zn(BDC)(H_2O)_2]_n$ (BDC = 1,4-benzenedicarboxylate). <i>Science China Chemistry</i> , 2013 , 56, 1651-1657	7.9	6
88	Observation of the Unusual Aggregation Kinetics of Colloidal Minerals in Acidic Solutions. <i>Journal of Chemical Sciences</i> , 2015 , 127, 1083-1089	1.8	6
87	Investigations on the amalgamation of gold nanorods by iodine and the detection of tetracycline. <i>Science in China Series B: Chemistry</i> , 2009 , 52, 188-195		6
86	Homochiral expression of proteins: a discussion on the natural chirality related to the origin of life. <i>Science China Chemistry</i> , 2010 , 53, 792-796	7.9	6
85	Pharmacokinetic detection of penicillin excreted in urine using a totally internally reflected resonance light scattering technique with cetyltrimethylammonium bromide. <i>Analytical and Bioanalytical Chemistry</i> , 2005 , 382, 85-90	4.4	6
84	Carbon dots as nanocatalytic medicine for anti-inflammation therapy.. <i>Journal of Colloid and Interface Science</i> , 2021 , 611, 545-553	9.3	6
83	Catalytic hairpin assembly mediated liposome-encoded magnetic beads for signal amplification of peroxide test strip based point-of-care testing of ricin. <i>Chemical Communications</i> , 2020 , 56, 14091-14094	5.8	6
82	Self-Healing 3D Liquid Freestanding Plasmonic Nanoparticle Membrane for Reproducible Surface-Enhanced Raman Spectroscopy Sensing. <i>ACS Applied Nano Materials</i> , 2020 , 3, 10014-10021	5.6	6

81	Nucleolin-Targeted DNA Nanotube for Precise Cancer Therapy through Förster Resonance Energy Transfer-Indicated Telomerase Responsiveness. <i>Analytical Chemistry</i> , 2021 , 93, 3526-3534	7.8	6
80	A new spectrofluorometric method for pyrophosphate assay based on the fluorescence enhancement of trypsin-stabilized copper clusters. <i>Analytical Methods</i> , 2015 , 7, 638-642	3.2	5
79	Resonance light scattering technique for sensitive detection of heparin using plasmonic CuSe nanoparticles. <i>Talanta</i> , 2020 , 216, 120967	6.2	5
78	A facile one-pot method to fabricate gold nanoparticle chains with dextran. <i>Science China Chemistry</i> , 2013 , 56, 387-392	7.9	5
77	Determination of heparin based on the reaction with Co(II)/5-Cl-PADAB complex using the resonance Rayleigh scattering technology. <i>Analytical Methods</i> , 2013 , 5, 2511	3.2	5
76	Polarized synchronous light scattering characterization of the interaction of proteins with sodium dodecyl sulfonate. <i>Science Bulletin</i> , 2007 , 52, 456-460		5
75	Current diagnostic and therapeutic strategies for COVID-19. <i>Journal of Pharmaceutical Analysis</i> , 2021 , 11, 129-137	14	5
74	Aggregation-Enhanced Energy Transfer for Mitochondria-Targeted ATP Ratiometric Imaging in Living Cells. <i>Analytical Chemistry</i> , 2021 , 93, 11878-11886	7.8	5
73	Microscopic electron counting during plasmon-driven photocatalytic proton coupled electron transfer on a single silver nanoparticle. <i>Applied Catalysis B: Environmental</i> , 2021 , 291, 120090	21.8	5
72	Facile synthesis of hierarchical metal-organic microsheet-assembled microflowers. <i>Materials Letters</i> , 2015 , 152, 139-141	3.3	4
71	Rational Design of pH-Responsive DNA Motifs with General Sequence Compatibility. <i>Angewandte Chemie</i> , 2019 , 131, 16557-16562	3.6	4
70	Magnetic Bead-Based Sandwich Immunoassay for Viral Pathogen Detection by Employing Gold Nanoparticle as Carrier. <i>Journal of Analysis and Testing</i> , 2017 , 1, 298-305	3.2	4
69	A study of the catalytic ability of in situ prepared AgNPs@MAA@PVP electrospun nanofibers. <i>New Journal of Chemistry</i> , 2015 , 39, 9518-9524	3.6	4
68	Investigations of the interaction between cuprous oxide nanoparticles and Staphylococcus aureus. <i>Science in China Series B: Chemistry</i> , 2009 , 52, 1028-1032		4
67	Controllable synthesis of polyoxometalates nanocubes and their specific interactions with prion proteins. <i>Science in China Series B: Chemistry</i> , 2009 , 52, 2156-2160		4
66	A backscattering light detection assembly for sensitive determination of analyte concentrated at the liquid/liquid interface using the interaction of quercetin with proteins as the model system. <i>Analyst</i> , 2005 , 130, 200-5	5	4
65	Electrochemiluminescence Resonance Energy Transfer System Based on Silver Metal-Organic Frameworks as a Double-Amplified Emitter for Sensitive Detection of miRNA-107.. <i>Analytical Chemistry</i> , 2022 ,	7.8	4
64	Zinc-Metal Organic Frameworks: A Coreactant-free Electrochemiluminescence Luminophore for Ratiometric Detection of miRNA-133a. <i>Analytical Chemistry</i> , 2021 , 93, 14178-14186	7.8	4

63	FRET-enhanced nanoflares for sensitive and rapid detection of ampicillin. <i>Analytical Methods</i> , 2020 , 12, 970-976	3.2	4
62	Long-distance transfer of plasmonic hot electrons across the AuPt porous interface for the hydrogen evolution reaction. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 3108-3114	7.1	4
61	Preparation of a molecularly imprinted test strip for point-of-care detection of thiodiglycol, a sulfur mustard poisoning metabolic marker. <i>Talanta</i> , 2021 , 234, 122701	6.2	4
60	Chirality transfer of cysteine to the plasmonic resonance region through silver coating of gold nanobipyramids. <i>Chemical Communications</i> , 2021 , 57, 3211-3214	5.8	4
59	Theoretical Investigations on Naphthodithiophene Diimide-Based Copolymers as Acceptor for All-Polymer Solar Cell Applications. <i>ChemistrySelect</i> , 2016 , 1, 1662-1673	1.8	3
58	A label-free turn ON/OFF chemiluminescence strategy for lysozyme detection by target-triggered Cu ₂ Se aggregation. <i>Analytical Methods</i> , 2019 , 11, 4376-4381	3.2	3
57	Raman scattering detection of cobalt(II) ions based on their specific etching effect on leaf-like poly(p-phenylenediamine) microcrystals. <i>Analytical Methods</i> , 2014 , 6, 5054	3.2	3
56	H ₂ S bubbles-assisted synthesis of hollow Cu ₂ SeyS ₁₀ /reduced graphene oxide nanocomposites with tunable compositions and localized surface plasmon resonance. <i>RSC Advances</i> , 2015 , 5, 91206-91212	3.7	3
55	The adsorption of silver nanoparticles on the proteins-immobilized glass slides and a visual investigation on proteins immobilization. <i>Science in China Series B: Chemistry</i> , 2009 , 52, 639-643		3
54	Multi-walled carbon nanotubes based catalyst plasmon resonance light scattering analysis of tetracycline hydrochloride. <i>Science in China Series B: Chemistry</i> , 2008 , 51, 866-871		3
53	Pork Heart Tissue-Based Chemiluminescence Biosensor for Pyruvic Acid. <i>Analytical Letters</i> , 2006 , 39, 1823-1836	2.2	3
52	Plasmonic biosensor for the highly sensitive detection of microRNA-21 via the chemical etching of gold nanorods under a dark-field microscope. <i>Biosensors and Bioelectronics</i> , 2021 , 201, 113942	11.8	3
51	Multifunctional Single-Layered Graphene Quantum Dots Used for Diagnosis of Mitochondrial Malfunction-Related Diseases. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 1727-1734	5.5	3
50	Orientation-independent reaction activity monitoring with single particle and data analytics. <i>Journal of Colloid and Interface Science</i> , 2021 , 590, 458-466	9.3	3
49	Individual Plasmonic Nanoprobes for Biosensing and Bioimaging: Recent Advances and Perspectives. <i>Small</i> , 2021 , 17, e2004287	11	3
48	Transformable Helical Self-Assembly for Cancerous Golgi Apparatus Disruption. <i>Nano Letters</i> , 2021 , 21, 8455-8465	11.5	3
47	An ultrathin 2D Yb(III) metal-organic frameworks with strong electrochemiluminescence as a "on-off-on" platform for detection of picric acid and berberine chloride form. <i>Talanta</i> , 2021 , 234, 122625	6.2	3
46	Metal-Organic Gel-Derived Co/CoO/Co ₃ O ₄ Composite for the Electrochemical Detection of Diethylstilbestrol. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5536	3.1	2

45	Glutathione-driven Cu(I)-O chemistry: a new light-up fluorescent assay for intracellular glutathione. <i>Analyst, The</i> , 2018 , 143, 2486-2490	5	2
44	Cellular prion protein imaging analysis with aptamer-labeled Ru(bpy) ₃ ²⁺ -doped silica nanoparticles. <i>Science Bulletin</i> , 2014 , 59, 147-153		2
43	Resonance Light Scattering Method to Determine Binding Ratio and Functional Affinity Constant of Antigen/Antibody Immunoreaction. <i>Analytical Letters</i> , 2009 , 42, 1495-1508	2.2	2
42	Pharmacia and biological functionalities of nutrient broth dispersed multi-walled carbon nanotubes: A novel drug delivery system. <i>Science China Chemistry</i> , 2010 , 53, 612-618	7.9	2
41	Tetrakis(4-sulfonatophenyl)porphyrin-Directed Assembly of Gold Nanocrystals: Tailoring the Plasmon Coupling Through Controllable Gap Distances. <i>Small</i> , 2010 , 6, n/a-n/a	11	2
40	DETERMINATION OF TRACE AMOUNT OF ALUMINUM IN WATER SAMPLES BY A FLUORESCENT MICROSCOPIC SELF-ORDERED RING TECHNIQUE. <i>Analytical Letters</i> , 2002 , 35, 2565-2576	2.2	2
39	Telomerase Activity Assay via 3,3',5,5'-Tetramethylbenzidine Dilation Etching of Gold Nanorods. <i>ACS Applied Nano Materials</i> , 2022 , 5, 1484-1490	5.6	2
38	"Hepatitis virus indicator"----the simultaneous detection of hepatitis B and hepatitis C viruses based on the automatic particle enumeration.. <i>Biosensors and Bioelectronics</i> , 2022 , 202, 114001	11.8	2
37	Dual-ligand two-dimensional Europium-organic gels nanosheets for ratiometric fluorescence detecting anthrax spore biomarker. <i>Chemical Engineering Journal</i> , 2022 , 435, 134912	14.7	2
36	Ultrasonic one-step synthesis of biocompatible yellow-green fluorescent carbon dots. <i>Scientia Sinica Chimica</i> , 2013 , 43, 895-900	1.6	2
35	Lighting up of carbon dots for copper(II) detection using an aggregation-induced enhanced strategy.. <i>Analyst, The</i> , 2022 ,	5	2
34	Arsenic Trioxide and Artemisinin Act Synergistically to Kill Tumor Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018 , 18, 2178-2186	2.2	2
33	DNA nanosheet as an excellent fluorescence anisotropy amplification platform for accurate and sensitive biosensing. <i>Talanta</i> , 2020 , 211, 120730	6.2	2
32	Europium coordination polymer particles based electrospun nanofibrous film for point-of-care testing of copper (II) ions. <i>Talanta</i> , 2021 , 228, 122270	6.2	2
31	Hybridization chain reaction triggered controllable one-dimensional assembly of gold nanoparticles. <i>Science China Chemistry</i> , 2016 , 59, 1513-1518	7.9	2
30	Nanosurface energy transfer indicating Exo III-propelled stochastic 3D DNA walkers for HIV DNA detection. <i>Analyst, The</i> , 2021 , 146, 1675-1681	5	2
29	Direct visualization of photo-induced disulfide through oxidative coupling of α -aminothiophenol. <i>Chemical Communications</i> , 2021 , 57, 4190-4193	5.8	2
28	Homo-FRET enhanced ratiometric fluorescence strategy for exonuclease III activity detection. <i>Analytical Methods</i> , 2021 , 13, 1489-1494	3.2	2

27	Weak Reaction Scatterometry of Plasmonic Resonance Light Scattering with Machine Learning. <i>Analytical Chemistry</i> , 2021 , 93, 12131-12138	7.8	2
26	One-component nano-metal-organic frameworks with superior multienzyme-mimic activities for 1,4-dihydropyridine metabolism. <i>Journal of Colloid and Interface Science</i> , 2022 , 605, 214-222	9.3	2
25	Controlled synthesis of zinc-metal organic framework microflower with high efficiency electrochemiluminescence for miR-21 detection. <i>Biosensors and Bioelectronics</i> , 2022 , 213, 114443	11.8	2
24	ZnO micron rods as single dielectric resonator for optical sensing. <i>Analytica Chimica Acta</i> , 2020 , 1109, 107-113	6.6	1
23	One-donor-two-acceptors coupled energy transfer nanoprobe for recording of viral gene replication in living cells. <i>Chemical Engineering Journal</i> , 2022 , 434, 134658	14.7	1
22	Catalytic hairpin assembled polymeric tetrahedral DNA Frameworks for MicroRNA imaging in live cells. <i>Biosensors and Bioelectronics</i> , 2022 , 197, 113783	11.8	1
21	DNA Logic Nanodevices for Real-Time Monitoring of ATP in Lysosomes. <i>Analytical Chemistry</i> , 2021 , 93, 15331-15339	7.8	1
20	Soft nanoball-encapsulated carbon dots for reactive oxygen species scavenging and the highly sensitive chemiluminescent assay of nucleic acid biomarkers. <i>Analyst, The</i> , 2021 , 146, 7187-7193	5	1
19	DNA Photonic Nanowires for Homogeneous Entropy-Driven Biomolecular Assay of Thrombin. <i>ACS Applied Nano Materials</i> , 2021 , 4, 2849-2854	5.6	1
18	A crosslinked submicro-hydrogel formed by DNA circuit-driven protein aggregation amplified fluorescence anisotropy for biomolecules detection. <i>Analytica Chimica Acta</i> , 2021 , 1154, 338319	6.6	1
17	Size-Dependent Plasmonic Resonance Scattering Characteristics of Gold Nanorods for Highly Sensitive Detection of microRNA-27a.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 3469-3475	4.1	1
16	DNA Logic Nanodevices for the Sequential Imaging of Cancer Markers through Localized Catalytic Hairpin Assembly Reaction.. <i>Analytical Chemistry</i> , 2022 ,	7.8	1
15	The restructure of Au@Ag nanorods for cell imaging with dark-field microscope.. <i>Talanta</i> , 2022 , 244, 123403	6.2	1
14	Energy Flow during the Plasmon Resonance-Driven Photocatalytic Reactions on Single Nanoparticles. <i>ACS Catalysis</i> , 2022 , 12, 847-853	13.1	1
13	Rational fabrication of a DNA walking nanomachine on graphene oxide surface for fluorescent bioassay.. <i>Biosensors and Bioelectronics</i> , 2022 , 211, 114349	11.8	1
12	Dual-aptamer-based enzyme linked plasmonic assay for pathogenic bacteria detection.. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022 , 214, 112471	6	0
11	A high-integrated DNA biocomputing platform for MicroRNA sensing in living cells.. <i>Biosensors and Bioelectronics</i> , 2022 , 207, 114183	11.8	0
10	Gold triangular nanoplates with edge effect for reaction monitoring under dark-field microscopy. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022 , 647, 129133	5.1	0

9	Facile synthesis of porphyrin-MOFs with high photo-Fenton activity to efficiently degrade ciprofloxacin.. <i>Journal of Colloid and Interface Science</i> , 2022 , 622, 690-699	9.3	o
8	Theoretical Investigation of Donor-Acceptor Copolymers Based on C-, Si-, and Ge-Bridged Thieno[3,2-b]dithiophene for Organic Solar Cell Applications. <i>Journal of Electronic Materials</i> , 2016 , 45, 5427-5435	1.9	
7	Characteristics of DNA-AuNP networks on cell membranes and real-time movies for viral infection. <i>Data in Brief</i> , 2016 , 6, 652-60	1.2	
6	Preparation and structure tuning of graphene quantum dots for optical applications in chemosensing, biosensing, and bioimaging 2022 , 41-77		
5	Synthesis, functionalization, and optical sensing applications of graphene oxide 2022 , 79-118		
4	Preparation of carbon dots and their sensing applications 2022 , 9-40		
3	Cationic conjugated polymer-based FRET aptasensor for label-free and ultrasensitive ractopamine detection.. <i>RSC Advances</i> , 2022 , 12, 10911-10914	3.7	
2	A catalyst-free co-reaction system of long-lasting and intensive chemiluminescence applied to the detection of alkaline-phosphatase.. <i>Mikrochimica Acta</i> , 2022 , 189, 181	5.8	
1	Fluorescence turn-on Cu ₂ -xSe@HA-rhodamine 6G FRET nanoprobe for hyaluronidase detection and imaging. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2022 , 112496	6.7	