

Zhenxin Wang

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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.

133 papers	3,558 citations	29 h-index	55 g-index
140 ext. papers	4,148 ext. citations	7 avg, IF	5.7 L-index

#	Paper	IF	Citations
133	Gold nanoparticle probes. <i>Coordination Chemistry Reviews</i> , 2009 , 253, 1607-1618	23.2	319
132	Kinase-catalyzed modification of gold nanoparticles: a new approach to colorimetric kinase activity screening. <i>Journal of the American Chemical Society</i> , 2006 , 128, 2214-5	16.4	252
131	Gram-scale synthesis of coordination polymer nanodots with renal clearance properties for cancer theranostic applications. <i>Nature Communications</i> , 2015 , 6, 8003	17.4	168
130	Design of polymeric stabilizers for size-controlled synthesis of monodisperse gold nanoparticles in water. <i>Langmuir</i> , 2007 , 23, 885-95	4	149
129	Microarray-based detection of protein binding and functionality by gold nanoparticle probes. <i>Analytical Chemistry</i> , 2005 , 77, 5770-4	7.8	146
128	Facile preparation of doxorubicin-loaded upconversion@polydopamine nanoplateforms for simultaneous in vivo multimodality imaging and chemophotothermal synergistic therapy. <i>Advanced Healthcare Materials</i> , 2015 , 4, 559-68	10.1	134
127	DNA electrochemical biosensor based on thionine-graphene nanocomposite. <i>Biosensors and Bioelectronics</i> , 2012 , 35, 507-511	11.8	132
126	Functional gold nanoparticle-peptide complexes as cell-targeting agents. <i>Langmuir</i> , 2008 , 24, 10293-7	4	98
125	The peptide route to multifunctional gold nanoparticles. <i>Bioconjugate Chemistry</i> , 2005 , 16, 497-500	6.3	96
124	Conjugation of NaGdF ₄ upconverting nanoparticles on silica nanospheres as contrast agents for multi-modality imaging. <i>Biomaterials</i> , 2013 , 34, 5218-25	15.6	86
123	Gold nanoparticle-based colorimetric assay for selective detection of aluminium cation on living cellular surfaces. <i>Chemical Communications</i> , 2010 , 46, 988-90	5.8	78
122	Electrospun graphene decorated MnCo ₂ O ₄ composite nanofibers for glucose biosensing. <i>Biosensors and Bioelectronics</i> , 2015 , 66, 308-15	11.8	75
121	A novel upconversion@polydopamine core@shell nanoparticle based aptameric biosensor for biosensing and imaging of cytochrome c inside living cells. <i>Biosensors and Bioelectronics</i> , 2017 , 87, 638-645	11.8	70
120	Microarray-based study of carbohydrate-protein binding by gold nanoparticle probes. <i>Analytical Chemistry</i> , 2008 , 80, 8822-7	7.8	66
119	Polyacrylamide-phytic acid-polydopamine conducting porous hydrogel for rapid detection and removal of copper (II) ions. <i>Biosensors and Bioelectronics</i> , 2017 , 91, 306-312	11.8	63
118	A novel reduced graphene oxide/molybdenum disulfide/polyaniline nanocomposite-based electrochemical aptasensor for detection of aflatoxin B. <i>Analyst</i> , 2018 , 143, 1644-1649	5	57
117	Synthesis of stable carboxy-terminated NaYF ₄ : Yb ³⁺ , Er ³⁺ @SiO ₂ nanoparticles with ultrathin shell for biolabeling applications. <i>Nanoscale</i> , 2013 , 5, 1047-53	7.7	57

116	Microarray-based kinase inhibition assay by gold nanoparticle probes. <i>Analytical Chemistry</i> , 2007 , 79, 773-7	7.8	53
115	Enzymatic DNA processing on gold nanoparticles. <i>Journal of Materials Chemistry</i> , 2004 , 14, 578		45
114	Screening kinase inhibitors with a microarray-based fluorescent and resonance light scattering assay. <i>Analytical Chemistry</i> , 2010 , 82, 3067-72	7.8	43
113	Effective immobilization of Au nanoparticles on TiO loaded graphene for a novel sandwich-type immunosensor. <i>Biosensors and Bioelectronics</i> , 2018 , 102, 301-306	11.8	43
112	Supramolecular Assembled Programmable Nanomedicine As In Situ Cancer Vaccine for Cancer Immunotherapy. <i>Advanced Materials</i> , 2021 , 33, e2007293	24	41
111	Designing bifunctionalized gold nanoparticle for colorimetric detection of Pb ²⁺ under physiological condition. <i>Biosensors and Bioelectronics</i> , 2012 , 31, 505-9	11.8	40
110	A label-free electrochemical impedance aptasensor for cylindrospermopsin detection based on thionine-graphene nanocomposites. <i>Analyst, The</i> , 2015 , 140, 5570-7	5	39
109	Poly(glycidyl methacrylate-co-2-hydroxyethyl methacrylate) Brushes as Peptide/Protein Microarray Substrate for Improving Protein Binding and Functionality. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 10174-82	9.5	37
108	Sensitive detection of protein kinase A activity in cell lysates by peptide microarray-based assay. <i>Analytical Chemistry</i> , 2013 , 85, 7033-7	7.8	36
107	Designing of UCNPs@Bi@SiO Hybrid Theranostic Nanoplatfroms for Simultaneous Multimodal Imaging and Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 394-402	9.5	35
106	Fe ₂ O ₃ @Au core@shell nanoparticle-graphene nanocomposites as theranostic agents for bioimaging and chemo-photothermal synergistic therapy. <i>RSC Advances</i> , 2015 , 5, 84980-84987	3.7	31
105	Surfactant-Free Aqueous Synthesis of Novel BaGdF:Yb, Er@PEG Upconversion Nanoparticles for in Vivo Trimodality Imaging. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 15096-15102	9.5	29
104	Peptide-functionalized upconversion nanoparticles-based FRET sensing platform for Caspase-9 activity detection in vitro and in vivo. <i>Biosensors and Bioelectronics</i> , 2019 , 141, 111403	11.8	29
103	Construction of lanthanide-doped upconversion nanoparticle-Uelx Europaeus Agglutinin-I bioconjugates with brightness red emission for ultrasensitive in vivo imaging of colorectal tumor. <i>Biomaterials</i> , 2019 , 212, 64-72	15.6	29
102	Towards Multistep Nanostructure Synthesis: Programmed Enzymatic Self-Assembly of DNA/Gold Systems. <i>Angewandte Chemie</i> , 2003 , 115, 201-204	3.6	29
101	Oriented polyoxometalate-polycation multilayers on a carbon substrate. <i>Journal of Materials Chemistry</i> , 2000 , 10, 2727-2733		29
100	Fabricating three-dimensional carbohydrate hydrogel microarray for lectin-mediated bacterium capturing. <i>Biosensors and Bioelectronics</i> , 2014 , 58, 92-100	11.8	28
99	Study on Adsorption and Oxidation of Calf Thymus DNA at Glassy Carbon Electrode. <i>Electroanalysis</i> , 2000 , 12, 1419-1421	3	28

98	The controllable growth of ultrathin MnO on polydopamine nanospheres as a single nanoplatform for the MRI-guided synergistic therapy of tumors. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 7152-7161	7.3	23
97	Peptide Microarray-Based Metal Enhanced Fluorescence Assay for Multiple Profiling of Matrix Metalloproteinases Activities. <i>Analytical Chemistry</i> , 2017 , 89, 6749-6757	7.8	21
96	An upconversion nanoparticle-based fluorescence resonance energy transfer system for effectively sensing caspase-3 activity. <i>Analyst, The</i> , 2018 , 143, 761-767	5	21
95	Sensitive Detection of Polynucleotide Kinase Activity by Paper-Based Fluorescence Assay with \square Exonuclease Assistance. <i>Analytical Chemistry</i> , 2016 , 88, 11358-11363	7.8	21
94	Carbon nanofibers by pyrolysis of self-assembled perylene diimide derivative gels as supercapacitor electrode materials. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 15513-15522	13	20
93	Renal Clearable Peptide Functionalized NaGdF Nanodots for High-Efficiency Tracking Orthotopic Colorectal Tumor in Mouse. <i>Molecular Pharmaceutics</i> , 2017 , 14, 3134-3141	5.6	20
92	A temperature-dependent interaction of neutral red with calf thymus DNA. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003 , 59, 949-56	4.4	20
91	Surface charge effect on the cellular interaction and cytotoxicity of NaYF ₄ :Yb ³⁺ , Er ³⁺ @SiO ₂ nanoparticles. <i>RSC Advances</i> , 2015 , 5, 7773-7780	3.7	19
90	Functional gold nanoparticles for studying the interaction of lectin with glycosyl complex on living cellular surfaces. <i>Analytical Biochemistry</i> , 2009 , 392, 77-82	3.1	19
89	Biosensors and bioassays for determination of matrix metalloproteinases: state of the art and recent advances. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 3261-3291	7.3	19
88	Rational synthesis of three-dimensional core-double shell upconversion nanodendrites with ultrabright luminescence for bioimaging application. <i>Chemical Science</i> , 2019 , 10, 7591-7599	9.4	18
87	Assaying multiple restriction endonucleases functionalities and inhibitions on DNA microarray with multifunctional gold nanoparticle probes. <i>Biosensors and Bioelectronics</i> , 2014 , 52, 118-23	11.8	17
86	Polyacrylamide-Phytic Acid-Polydopamine Conducting Porous Hydrogel for Efficient Removal of Water-Soluble Dyes. <i>Scientific Reports</i> , 2017 , 7, 7878	4.9	17
85	UCNP-Bi Se Upconverting Nanohybrid for Upconversion Luminescence and CT Imaging and Photothermal Therapy. <i>Chemistry - A European Journal</i> , 2020 , 26, 1127-1135	4.8	17
84	Two-Dimensional Layered Nanomaterial-Based Electrochemical Biosensors for Detecting Microbial Toxins. <i>Toxins</i> , 2019 , 12,	4.9	17
83	One-pot synthesis of Ln-doped porous BiF@PAA nanospheres for temperature sensing and pH-responsive drug delivery guided by CT imaging. <i>Nanoscale</i> , 2020 , 12, 695-702	7.7	16
82	Recent advances in nanocomposite-based electrochemical aptasensors for the detection of toxins. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 5808-5825	7.3	15
81	Studying the interaction of carbohydrate-protein on the dendrimer-modified solid support by microarray-based plasmon resonance light scattering assay. <i>Analyst, The</i> , 2011 , 136, 4301-7	5	15

80	Recognition and transmembrane delivery of bioconjugated Fe ₂ O ₃ @Au nanoparticles with living cells. <i>Nanoscale</i> , 2010 , 2, 269-76	7.7	15
79	Oxidized titanium carbide MXene-enabled photoelectrochemical sensor for quantifying synergistic interaction of ascorbic acid based antioxidants system. <i>Biosensors and Bioelectronics</i> , 2021 , 177, 112978	11.8	15
78	Amyloid- β Oligomer-Targeted Gadolinium-Based NIR/MR Dual-Modal Theranostic Nanoprobe for Alzheimer's Disease. <i>Advanced Functional Materials</i> , 2020 , 30, 1909529	15.6	14
77	Uncovering the Binding Specificities of Lectins with Cells for Precision Colorectal Cancer Diagnosis Based on Multimodal Imaging. <i>Advanced Science</i> , 2018 , 5, 1800214	13.6	14
76	CXC Chemokine Receptor 4 Antagonist Functionalized Renal Clearable Manganese-Doped Iron Oxide Nanoparticles for Active-Tumor-Targeting Magnetic Resonance Imaging-Guided Bio-Photothermal Therapy.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 3613-3621	4.1	14
75	Peptide-enhanced tumor accumulation of upconversion nanoparticles for sensitive upconversion luminescence/magnetic resonance dual-mode bioimaging of colorectal tumors. <i>Acta Biomaterialia</i> , 2020 , 104, 167-175	10.8	14
74	Nanofibrous microspheres via emulsion gelation and carbonization. <i>Chemical Communications</i> , 2015 , 51, 16864-7	5.8	13
73	Microarray-based resonance light scattering assay for detecting DNA methylation and human DNA methyltransferase simultaneously with high sensitivity. <i>Analyst, The</i> , 2014 , 139, 3537-40	5	13
72	Developing oligonucleotide microarray-based resonance light scattering assay for DNA detection on the PAMAM dendrimer modified surface. <i>Analytical Methods</i> , 2010 , 2, 1008	3.2	13
71	Studying copper(II) ion induced interactions of β amyloid peptides within living cells by gold nanoparticle probes. <i>Analytical Methods</i> , 2010 , 2, 1467	3.2	13
70	Polydopamine-coated downconversion nanoparticle as an efficient dual-modal near-infrared-II fluorescence and photoacoustic contrast agent for non-invasive visualization of gastrointestinal tract in vivo. <i>Biosensors and Bioelectronics</i> , 2020 , 151, 112000	11.8	13
69	The role of peptide microarrays in biomedical research. <i>Analytical Methods</i> , 2018 , 10, 4614-4624	3.2	13
68	Employing Tryptone as a General Phase Transfer Agent to Produce Renal Clearable Nanodots for Bioimaging. <i>Small</i> , 2015 , 11, 3676-85	11	12
67	Spheres-on-sphere silica microspheres as matrix for horseradish peroxidase immobilization and detection of hydrogen peroxide. <i>RSC Advances</i> , 2015 , 5, 38665-38672	3.7	12
66	Polyamidoamine starburst dendrimer-activated chromatography paper-based assay for sensitive detection of telomerase activity. <i>Talanta</i> , 2018 , 178, 116-121	6.2	12
65	Renal-Clearable Peptide-Functionalized BaGdF Nanoparticles for Positive Tumor-Targeting Dual-Mode Bioimaging. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 25511-25518	9.5	12
64	Synthesis and cell-surface binding of lectin-gold nanoparticle conjugates. <i>Analytical Methods</i> , 2011 , 3, 1745	3.2	12
63	Molecular Recognition by Calix[4]arene-Modified Gold Nanoparticles in Aqueous Solution. <i>Angewandte Chemie</i> , 2005 , 117, 2973-2976	3.6	12

62	Untraditional Deformation-Driven Pressure Sensor with High Sensitivity and Ultra-Large Sensing Range up to MPa Enables Versatile Applications. <i>Advanced Materials Technologies</i> , 2020 , 5, 2000677	6.8	12
61	Fabrication of multifunctional ferric oxide nanoparticles for tumor-targeted magnetic resonance imaging and precise photothermal therapy with magnetic field enhancement. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 8554-8562	7.3	11
60	Development of Sphere-Polymer Brush Hierarchical Nanostructure Substrates for Fabricating Microarrays with High Performance. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 38101-38108	9.5	11
59	Exonuclease III assisted aptasensor for adenosine detection with gold nanoparticle probes. <i>Analytical Methods</i> , 2014 , 6, 4366	3.2	11
58	Evaluation of Matrix Metalloproteinase Inhibition by Peptide Microarray-Based Fluorescence Assay on Polymer Brush Substrate and in Vivo Assessment. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 44241-44250	9.5	11
57	Fabricating three-dimensional hydrogel oligonucleotide microarrays to detect single nucleotide polymorphisms. <i>Analytical Methods</i> , 2013 , 5, 285-290	3.2	11
56	Skin-Inspired Hair-Epidermis-Dermis Hierarchical Structures for Electronic Skin Sensors with High Sensitivity over a Wide Linear Range. <i>ACS Nano</i> , 2021 , 15, 16218-16227	16.7	11
55	A label-free electrochemical aptasensor based on graphene oxide/double-stranded DNA nanocomposite. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 145, 160-166	6	11
54	Multiple detection of single nucleotide polymorphism by microarray-based resonance light scattering assay with enlarged gold nanoparticle probes. <i>Analyst, The</i> , 2016 , 141, 1772-8	5	10
53	Peptide-functionalized NaGdF nanoparticles for tumor-targeted magnetic resonance imaging and effective therapy.. <i>RSC Advances</i> , 2019 , 9, 17093-17100	3.7	9
52	Multiplexed detection of microRNAs by a competitive DNA microarray-based resonance light scattering assay. <i>Analyst, The</i> , 2017 , 142, 4529-4535	5	8
51	A microarray-based resonance light scattering assay for detecting thrombin generation in human plasma by gold nanoparticle probes. <i>Analytical Methods</i> , 2013 , 5, 5895	3.2	8
50	Enhanced Sensitivity for Detection of HIV-1 p24 Antigen by a Novel Nuclease-Linked Fluorescence Oligonucleotide Assay. <i>PLoS ONE</i> , 2015 , 10, e0125701	3.7	8
49	Peptide microarray-based fluorescence assay for quantitatively monitoring the tumor-associated matrix metalloproteinase-2 activity. <i>Sensors and Actuators B: Chemical</i> , 2020 , 304, 127320	8.5	8
48	Smart design of exquisite multidimensional multilayered sand-clock-like upconversion nanostructures with ultrabright luminescence as efficient luminescence probes for bioimaging application. <i>Mikrochimica Acta</i> , 2020 , 187, 527	5.8	8
47	Electrochemical Biosensors for Detecting Microbial Toxins by Graphene-Based Nanocomposites. <i>Journal of Analysis and Testing</i> , 2018 , 2, 20-25	3.2	7
46	A sensitive electrochemical aptasensor for detection of Aflatoxin B2 based on a polyacrylamide/phytic acid/polydopamine hydrogel modified screen printed carbon electrode. <i>Analytical Methods</i> , 2018 , 10, 4689-4694	3.2	7
45	Development of gold nanoparticle based colorimetric method for quantitatively studying the inhibitors of Cu(2+)/Zn(2+) induced Amyloid peptide assembly. <i>Analytica Chimica Acta</i> , 2015 , 858, 42-8	6.6	7

44	Synthesis of heteronanostructures for multimodality molecular imaging-guided photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 10136-10145	7.3	7
43	The Peptide Functionalized Inorganic Nanoparticles for Cancer-Related Bioanalytical and Biomedical Applications. <i>Molecules</i> , 2021 , 26,	4.8	7
42	Peptide microarray-based fluorescence assay for simultaneously detecting matrix metalloproteinases. <i>Analytical Methods</i> , 2016 , 8, 72-77	3.2	6
41	Studying the relationship between cell cycle and Alzheimer's disease by gold nanoparticle probes. <i>Analytical Biochemistry</i> , 2015 , 489, 32-7	3.1	6
40	Screening kinase inhibitors with microarray-based Raman spectroscopic assay. <i>Analytical Methods</i> , 2011 , 3, 1003	3.2	6
39	Six-in-one peptide functionalized upconversion@polydopamine nanoparticle-based ratiometric fluorescence sensing platform for real-time evaluating anticancer efficacy through monitoring caspase-3 activity. <i>Sensors and Actuators B: Chemical</i> , 2021 , 333, 129554	8.5	6
38	Effects of Size, Shape, Surface Charge and Functionalization on Cytotoxicity of Gold Nanoparticles. <i>Nano LIFE</i> , 2015 , 05, 1540003	0.9	5
37	Spectrometric study on the interaction of indocyanine green with human serum albumin. <i>Chemical Research in Chinese Universities</i> , 2016 , 32, 343-347	2.2	5
36	A portable optical waveguide resonance light-scattering scanner for microarray detection. <i>Analyst, The</i> , 2016 , 141, 199-205	5	5
35	Surface ligation-based resonance light scattering analysis of methylated genomic DNA on a microarray platform. <i>Analyst, The</i> , 2016 , 141, 3084-9	5	5
34	CXCR4 Peptide Conjugated Au-Fe ₂ O ₃ Nanoparticles for Tumor-targeting Magnetic Resonance Imaging. <i>Chemical Research in Chinese Universities</i> , 2018 , 34, 584-589	2.2	5
33	One-pot synthesis of AuPd@FeO nanoagent with the activable Fe species for enhanced Chemodynamic-photothermal synergetic therapy. <i>Biomaterials</i> , 2021 , 274, 120821	15.6	5
32	Stretchable, self-healable integrated conductor based on mechanical reinforced graphene/polyurethane composites. <i>Journal of Colloid and Interface Science</i> , 2021 , 597, 393-400	9.3	5
31	Array-based in situ fluorescence assay for profiling multiplex matrix metalloproteinases activities in tissue section. <i>Analytica Chimica Acta</i> , 2019 , 1078, 112-118	6.6	4
30	Development of a sandwiched microarray platform for studying the interactions of antibiotics with <i>Staphylococcus aureus</i> . <i>Analytica Chimica Acta</i> , 2016 , 917, 93-100	6.6	4
29	The Application of Peptide Functionalized Gold Nanoparticles. <i>ACS Symposium Series</i> , 2012 , 55-68	0.4	4
28	Accurate Monitoring of Renal Injury State through in Vivo Magnetic Resonance Imaging with Ferric Coordination Polymer Nanodots. <i>ACS Omega</i> , 2018 , 3, 4918-4923	3.9	3
27	The peptide microarray-based assay for kinase functionality and inhibition study. <i>Methods in Molecular Biology</i> , 2009 , 570, 329-37	1.4	3

26	Microarray-based study of carbohydrate-protein binding. <i>Methods in Molecular Biology</i> , 2010 , 600, 145-53.4	3
25	The Renal Clearable Magnetic Resonance Imaging Contrast Agents: State of the Art and Recent Advances. <i>Molecules</i> , 2020 , 25,	4.8 3
24	Adsorption and desorption mechanisms on graphene oxide nanosheets: Kinetics and tuning. <i>Innovation(China)</i> , 2021 , 2, 100137	17.8 3
23	Polyacrylamide/Phytic Acid/Polydopamine Hydrogel as an Efficient Substrate for Electrochemical Enrichment of Circulating Cell-Free DNA from Blood Plasma. <i>ACS Omega</i> , 2020 , 5, 5365-5371	3.9 2
22	Renal-clearable hyaluronic acid functionalized NaGdF nanodots with enhanced tumor accumulation.. <i>RSC Advances</i> , 2020 , 10, 13872-13878	3.7 2
21	Electrochemical Study of $PW_{12}O_{40}^{3-}$ in Poly(ethylene glycol) Electrolyte. <i>Electroanalysis</i> , 2003 , 15, 695-701	3 2
20	Peptide modified manganese-doped iron oxide nanoparticles as a sensitive fluorescence nanosensor for non-invasive detection of trypsin activity and .. <i>RSC Advances</i> , 2021 , 11, 2213-2220	3.7 2
19	Development of a gold-nanorod-based lateral flow immunoassay for a fast and dual-modal detection of C-reactive protein in clinical plasma samples.. <i>RSC Advances</i> , 2021 , 11, 28388-28394	3.7 2
18	Profiling of multiple matrix metalloproteinases activities in the progression of osteosarcoma by peptide microarray-based fluorescence assay on polymer brush coated zinc oxide nanorod substrate. <i>Sensors and Actuators B: Chemical</i> , 2021 , 330, 129361	8.5 2
17	A ratiometric fluorescent probe based on peptide modified MnFeO nanoparticles for matrix metalloproteinase-7 activity detection and .. <i>Analyst, The</i> , 2022 ,	5 2
16	Beta-Amyloid Oligomers: Amyloid- β Oligomer-Targeted Gadolinium-Based NIR/MR Dual-Modal Theranostic Nanoprobe for Alzheimer's Disease (Adv. Funct. Mater. 16/2020). <i>Advanced Functional Materials</i> , 2020 , 30, 2070101	15.6 1
15	DNA microarray-based resonance light scattering assay for multiplexed detection of DNA mutation in papillary thyroid cancer. <i>Analyst, The</i> , 2018 , 143, 914-919	5 1
14	Studying cytotoxicity of low concentration arsenic on PC 12 cell line. <i>Analytical Methods</i> , 2014 , 6, 1709	3.2 1
13	Studying chemical-regulation of intracellular kinase activity by peptide microarray-based assay with gold nanoparticle probes. <i>Analytical Methods</i> , 2014 , 6, 9404-9409	3.2 1
12	Single-Molecule Nanocatalysis Reveals the Kinetics of the Synergistic Effect Based on Single-AuAg Bimetal Nanocatalysts.. <i>Journal of Physical Chemistry Letters</i> , 2022 , 830-837	6.4 1
11	3D Tungsten Trioxide Nanosheets as Optoelectronic Materials for On-chip Quantification of Global Antioxidant Capacity. <i>Chemical Research in Chinese Universities</i> , 2021 , 37, 763-771	2.2 1
10	The Peptide Microarray-Based Resonance Light Scattering Assay for Sensitively Detecting Intracellular Kinase Activity. <i>Methods in Molecular Biology</i> , 2016 , 1352, 85-96	1.4 1
9	Development of Flow Cytometric Assay for Detecting Papillary Thyroid Carcinoma Related hsa-miR-146b-5p through Toehold-Mediated Strand Displacement Reaction on Magnetic Beads. <i>Molecules</i> , 2021 , 26,	4.8 1

8	Lateral flow immunoassay with peptide-functionalized gold nanoparticles for rapid detection of protein tyrosine phosphatase 1B.. <i>Analytical Biochemistry</i> , 2022 , 114671	3.1	1
7	Recent advances in nanomaterials-based optical and electrochemical aptasensors for detection of cyanotoxins. <i>Talanta</i> , 2022 , 248, 123607	6.2	1
6	Controllable bisubstrate multi-colorimetric assay based on peroxidase-like nanozyme and complementary colorharmonic principle for semi-quantitative detection of HO with the naked eye.. <i>Mikrochimica Acta</i> , 2022 , 189, 81	5.8	0
5	The Recent Development of Nanomaterials Enhanced Paper-Based Electrochemical Analytical Devices. <i>Journal of Electroanalytical Chemistry</i> , 2022 , 909, 116140	4.1	0
4	Neutrophil mediated postoperative photoimmunotherapy against melanoma skin cancer. <i>Nanoscale</i> , 2021 , 13, 14825-14836	7.7	0
3	Detection of BRAFV600E mutation of thyroid cancer in circulating tumor DNA by an electrochemical-enrichment assisted ARMS-qPCR assay. <i>Microchemical Journal</i> , 2022 , 179, 107452	4.8	0
2	Bioimaging: Employing Tryptone as a General Phase Transfer Agent to Produce Renal Clearable Nanodots for Bioimaging (Small 30/2015). <i>Small</i> , 2015 , 11, 3618-3618	11	
1	Ricinus communis agglutinin I functionalisation of poly(methyl methacrylate) (PMMA) as a substrate for microfluidic device. <i>Science China Chemistry</i> , 2012 , 55, 537-542	7.9	