Zhenxin Wang

List of Publications by Year
in descending order

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138 papers	4,663 citations	117571 34 h-index	114418 63 g-index
140 all docs	140 docs citations	140 times ranked	6302 citing authors

#	Article	IF	Citations
1	Gold nanoparticle probes. Coordination Chemistry Reviews, 2009, 253, 1607-1618.	9.5	352
2	Kinase-Catalyzed Modification of Gold Nanoparticles:Â A New Approach to Colorimetric Kinase Activity Screening. Journal of the American Chemical Society, 2006, 128, 2214-2215.	6.6	269
3	Gram-scale synthesis of coordination polymer nanodots with renal clearance properties for cancer theranostic applications. Nature Communications, 2015, 6, 8003.	5.8	225
4	Facile Preparation of Doxorubicinâ€Loaded Upconversion@Polydopamine Nanoplatforms for Simultaneous In Vivo Multimodality Imaging and Chemophotothermal Synergistic Therapy. Advanced Healthcare Materials, 2015, 4, 559-568.	3.9	165
5	Design of Polymeric Stabilizers for Size-Controlled Synthesis of Monodisperse Gold Nanoparticles in Water. Langmuir, 2007, 23, 885-895.	1.6	158
6	Microarray-Based Detection of Protein Binding and Functionality by Gold Nanoparticle Probes. Analytical Chemistry, 2005, 77, 5770-5774.	3.2	155
7	DNA electrochemical biosensor based on thionine-graphene nanocomposite. Biosensors and Bioelectronics, 2012, 35, 507-511.	5.3	147
8	Functional Gold Nanoparticleâ^'Peptide Complexes as Cell-Targeting Agents. Langmuir, 2008, 24, 10293-10297.	1.6	109
9	Supramolecular Assembled Programmable Nanomedicine As In Situ Cancer Vaccine for Cancer Immunotherapy. Advanced Materials, 2021, 33, e2007293.	11.1	106
10	The Peptide Route to Multifunctional Gold Nanoparticles. Bioconjugate Chemistry, 2005, 16, 497-500.	1.8	102
11	Conjugation of NaGdF4 upconverting nanoparticles on silica nanospheres as contrast agents for multi-modality imaging. Biomaterials, 2013, 34, 5218-5225.	5.7	94
12	Electrospun graphene decorated MnCo2O4 composite nanofibers for glucose biosensing. Biosensors and Bioelectronics, 2015, 66, 308-315.	5.3	94
13	Polyacrylamide-phytic acid-polydopamine conducting porous hydrogel for rapid detection and removal of copper (II) ions. Biosensors and Bioelectronics, 2017, 91, 306-312.	5.3	92
14	A novel upconversion@polydopamine core@shell nanoparticle based aptameric biosensor for biosensing and imaging of cytochrome c inside living cells. Biosensors and Bioelectronics, 2017, 87, 638-645.	5.3	91
15	Gold nanoparticle-based colorimetric assay for selective detection of aluminium cation on living cellular surfaces. Chemical Communications, 2010, 46, 988-990.	2.2	82
16	A novel reduced graphene oxide/molybdenum disulfide/polyaniline nanocomposite-based electrochemical aptasensor for detection of aflatoxin B₁. Analyst, The, 2018, 143, 1644-1649.	1.7	77
17	Synthesis of stable carboxy-terminated NaYF₄: Yb³⁺, Er³⁺@SiO₂nanoparticles with ultrathin shell for biolabeling applications. Nanoscale, 2013, 5, 1047-1053.	2.8	70
18	Microarray-Based Study of Carbohydrateâ^'Protein Binding by Gold Nanoparticle Probes. Analytical Chemistry, 2008, 80, 8822-8827.	3.2	69

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19	Effective immobilization of Au nanoparticles on TiO2 loaded graphene for a novel sandwich-type immunosensor. Biosensors and Bioelectronics, 2018, 102, 301-306.	5.3	67
20	Skin-Inspired Hairâ€“Epidermisâ€“Dermis Hierarchical Structures for Electronic Skin Sensors with High Sensitivity over a Wide Linear Range. ACS Nano, 2021, 15, 16218-16227.	7.3	61
21	Microarray-Based Kinase Inhibition Assay by Gold Nanoparticle Probes. Analytical Chemistry, 2007, 79, 773-777.	3.2	57
22	Designing of UCNPs@Bi@SiO₂ Hybrid Theranostic Nanoplatforms for Simultaneous Multimodal Imaging and Photothermal Therapy. ACS Applied Materials & Interfaces, 2019, 11, 394-402.	4.0	50
23	Enzymatic DNA processing on gold nanoparticles. Journal of Materials Chemistry, 2004, 14, 578.	6.7	49
24	A label-free electrochemical impedance aptasensor for cylindrospermopsin detection based on thionineâ€“graphene nanocomposites. Analyst, The, 2015, 140, 5570-5577.	1.7	48
25	Screening Kinase Inhibitors with a Microarray-Based Fluorescent and Resonance Light Scattering Assay. Analytical Chemistry, 2010, 82, 3067-3072.	3.2	47
26	Designing bifunctionalized gold nanoparticle for colorimetric detection of Pb2+ under physiological condition. Biosensors and Bioelectronics, 2012, 31, 505-509.	5.3	47
27	Poly(glycidyl methacrylate-co-2-hydroxyethyl methacrylate) Brushes as Peptide/Protein Microarray Substrate for Improving Protein Binding and Functionality. ACS Applied Materials & Interfaces, 2016, 8, 10174-10182.	4.0	47
28	Construction of lanthanide-doped upconversion nanoparticle-Uelx Europaeus Agglutinin-I bioconjugates with brightness red emission for ultrasensitive in vivo imaging of colorectal tumor. Biomaterials, 2019, 212, 64-72.	5.7	46
29	Oxidized titanium carbide MXene-enabled photoelectrochemical sensor for quantifying synergistic interaction of ascorbic acid based antioxidants system. Biosensors and Bioelectronics, 2021, 177, 112978.	5.3	46
30	Biosensors and bioassays for determination of matrix metalloproteinases: state of the art and recent advances. Journal of Materials Chemistry B, 2020, 8, 3261-3291.	2.9	43
31	Sensitive Detection of Protein Kinase A Activity in Cell Lysates by Peptide Microarray-Based Assay. Analytical Chemistry, 2013, 85, 7033-7037.	3.2	41
32	Peptide-functionalized upconversion nanoparticles-based FRET sensing platform for Caspase-9 activity detection in vitro and in vivo. Biosensors and Bioelectronics, 2019, 141, 111403.	5.3	40
33	Peptide-enhanced tumor accumulation of upconversion nanoparticles for sensitive upconversion luminescence/magnetic resonance dual-mode bioimaging of colorectal tumors. Acta Biomaterialia, 2020, 104, 167-175.	4.1	36
34	Study on Adsorption and Oxidation of Calf Thymus DNA at Glassy Carbon Electrode. Electroanalysis, 2000, 12, 1419-1421.	1.5	35
35	Fe₂O₃@Au core@shell nanoparticleâ€“graphene nanocomposites as theranostic agents for bioimaging and chemo-photothermal synergistic therapy. RSC Advances, 2015, 5, 84980-84987.	1.7	35
36	The controllable growth of ultrathin MnO₂ on polydopamine nanospheres as a single nanoplatform for the MRI-guided synergistic therapy of tumors. Journal of Materials Chemistry B, 2019, 7, 7152-7161.	2.9	34

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37	Towards Multistep Nanostructure Synthesis: Programmed Enzymatic Self-Assembly of DNA/Gold Systems. Angewandte Chemie, 2003, 115, 201-204.	1.6	33
38	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. Biosensors and Bioelectronics, 2020, 151, 112000.	5.3	33
39	Oriented polyoxometalateâ€“polycation multilayers on a carbon substrate. Journal of Materials Chemistry, 2000, 10, 2727-2733.	6.7	32
40	Surfactant-Free Aqueous Synthesis of Novel Ba₂GdF₇:Yb³⁺, Er³⁺@PEG Upconversion Nanoparticles for in Vivo Trimodality Imaging. ACS Applied Materials & Interfaces, 2017, 9, 15096-15102.	4.0	32
41	Fabricating three-dimensional carbohydrate hydrogel microarray for lectin-mediated bacterium capturing. Biosensors and Bioelectronics, 2014, 58, 92-100.	5.3	31
42	UCNPâ€“Bi₂Se₃ Upconverting Nanohybrid for Upconversion Luminescence and CT Imaging and Photothermal Therapy. Chemistry - A European Journal, 2020, 26, 1127-1135.	1.7	31
43	Amyloidâ€Î² Oligomerâ€Targeted Gadoliniumâ€Based NIR/MR Dualâ€Modal Theranostic Nanoprobe for Alzheimer's Disease. Advanced Functional Materials, 2020, 30, 1909529.	7.8	31
44	Recent advances in nanocomposite-based electrochemical aptasensors for the detection of toxins. Journal of Materials Chemistry B, 2020, 8, 5808-5825.	2.9	29
45	Peptide Microarray-Based Metal Enhanced Fluorescence Assay for Multiple Profiling of Matrix Metalloproteinases Activities. Analytical Chemistry, 2017, 89, 6749-6757.	3.2	28
46	An upconversion nanoparticle-based fluorescence resonance energy transfer system for effectively sensing caspase-3 activity. Analyst, The, 2018, 143, 761-767.	1.7	28
47	One-pot synthesis of Ln³⁺-doped porous BiF₃@PAA nanospheres for temperature sensing and pH-responsive drug delivery guided by CT imaging. Nanoscale, 2020, 12, 695-702.	2.8	28
48	Sensitive Detection of Polynucleotide Kinase Activity by Paper-Based Fluorescence Assay with Î» Exonuclease Assistance. Analytical Chemistry, 2016, 88, 11358-11363.	3.2	27
49	Rational synthesis of three-dimensional coreâ€“double shell upconversion nanodendrites with ultrabright luminescence for bioimaging application. Chemical Science, 2019, 10, 7591-7599.	3.7	27
50	Two-Dimensional Layered Nanomaterial-Based Electrochemical Biosensors for Detecting Microbial Toxins. Toxins, 2020, 12, 20.	1.5	27
51	One-pot synthesis of AuPd@FexOy nanoagent with the activable Fe species for enhanced Chemodynamic-photothermal synergetic therapy. Biomaterials, 2021, 274, 120821.	5.7	27
52	Carbon nanofibers by pyrolysis of self-assembled perylene diimide derivative gels as supercapacitor electrode materials. Journal of Materials Chemistry A, 2015, 3, 15513-15522.	5.2	26
53	Polyacrylamide-Phytic Acid-Polydopamine Conducting Porous Hydrogel for Efficient Removal of Water-Soluble Dyes. Scientific Reports, 2017, 7, 7878.	1.6	25
54	Renal Clearable Peptide Functionalized NaGdF4 Nanodots for High-Efficiency Tracking Orthotopic Colorectal Tumor in Mouse. Molecular Pharmaceutics, 2017, 14, 3134-3141.	2.3	25

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55	Uncovering the Binding Specificities of Lectins with Cells for Precision Colorectal Cancer Diagnosis Based on Multimodal Imaging. Advanced Science, 2018, 5, 1800214.	5.6	24
56	Surface charge effect on the cellular interaction and cytotoxicity of NaYF₄:Yb³⁺, Er³⁺@SiO₂ nanoparticles. RSC Advances, 2015, 5, 7773-7780.	1.7	23
57	Untraditional Deformationâ€Driven Pressure Sensor with High Sensitivity and Ultraâ€Large Sensing Range up to MPa Enables Versatile Applications. Advanced Materials Technologies, 2020, 5, 2000677.	3.0	23
58	Stretchable, self-healable integrated conductor based on mechanical reinforced graphene/polyurethane composites. Journal of Colloid and Interface Science, 2021, 597, 393-400.	5.0	23
59	A temperature-dependent interaction of neutral red with calf thymus DNA. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2003, 59, 949-956.	2.0	20
60	Functional gold nanoparticles for studying the interaction of lectin with glycosyl complex on living cellular surfaces. Analytical Biochemistry, 2009, 392, 77-82.	1.1	20
61	Assaying multiple restriction endonucleases functionalities and inhibitions on DNA microarray with multifunctional gold nanoparticle probes. Biosensors and Bioelectronics, 2014, 52, 118-123.	5.3	19
62	CXC Chemokine Receptor 4 Antagonist Functionalized Renal Clearable Manganese-Doped Iron Oxide Nanoparticles for Active-Tumor-Targeting Magnetic Resonance Imaging-Guided Bio-Photothermal Therapy. ACS Applied Bio Materials, 2019, 2, 3613-3621.	2.3	18
63	Six-in-one peptide functionalized upconversion@polydopamine nanoparticle-based ratiometric fluorescence sensing platform for real-time evaluating anticancer efficacy through monitoring caspase-3 activity. Sensors and Actuators B: Chemical, 2021, 333, 129554.	4.0	17
64	The Peptide Functionalized Inorganic Nanoparticles for Cancer-Related Bioanalytical and Biomedical Applications. Molecules, 2021, 26, 3228.	1.7	17
65	Recent advances in nanomaterials-based optical and electrochemical aptasensors for detection of cyanotoxins. Talanta, 2022, 248, 123607.	2.9	17
66	Synthesis and cell-surface binding of lectin-gold nanoparticle conjugates. Analytical Methods, 2011, 3, 1745.	1.3	16
67	Studying the interaction of carbohydrateâ€“protein on the dendrimer-modified solid support by microarray-based plasmon resonance light scattering assay. Analyst, The, 2011, 136, 4301.	1.7	16
68	Microarray-based resonance light scattering assay for detecting DNA methylation and human DNA methyltransferase simultaneously with high sensitivity. Analyst, The, 2014, 139, 3537-3540.	1.7	16
69	Fabrication of multifunctional ferric oxide nanoparticles for tumor-targeted magnetic resonance imaging and precise photothermal therapy with magnetic field enhancement. Journal of Materials Chemistry B, 2017, 5, 8554-8562.	2.9	16
70	Peptide-functionalized NaGdF4 nanoparticles for tumor-targeted magnetic resonance imaging and effective therapy. RSC Advances, 2019, 9, 17093-17100.	1.7	16
71	Recognition and transmembrane delivery of bioconjugated Fe₂O₃@Au nanoparticles with living cells. Nanoscale, 2010, 2, 269-276.	2.8	15
72	Employing Tryptone as a General Phase Transfer Agent to Produce Renal Clearable Nanodots for Bioimaging. Small, 2015, 11, 3676-3685.	5.2	15

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73	Multiplexed detection of microRNAs by a competitive DNA microarray-based resonance light scattering assay. Analyst, The, 2017, 142, 4529-4535.	1.7	15
74	Evaluation of Matrix Metalloproteinase Inhibition by Peptide Microarray-Based Fluorescence Assay on Polymer Brush Substrate and in Vivo Assessment. ACS Applied Materials & Interfaces, 2017, 9, 44241-44250.	4.0	15
75	Polyamidoamine starburst dendrimer-activated chromatography paper-based assay for sensitive detection of telomerase activity. Talanta, 2018, 178, 116-121.	2.9	15
76	Renal-Clearable Peptide-Functionalized Ba₂GdF₇ Nanoparticles for Positive Tumor-Targeting Dual-Mode Bioimaging. ACS Applied Materials & Interfaces, 2018, 10, 25511-25518.	4.0	15
77	Nanofibrous microspheres via emulsion gelation and carbonization. Chemical Communications, 2015, 51, 16864-16867.	2.2	14
78	A label-free electrochemical aptasensor based on graphene oxide/double-stranded DNA nanocomposite. Colloids and Surfaces B: Biointerfaces, 2016, 145, 160-166.	2.5	14
79	Development of Sphere-Polymer Brush Hierarchical Nanostructure Substrates for Fabricating Microarrays with High Performance. ACS Applied Materials & Interfaces, 2017, 9, 38101-38108.	4.0	14
80	The role of peptide microarrays in biomedical research. Analytical Methods, 2018, 10, 4614-4624.	1.3	14
81	Developing oligonucleotide microarray-based resonance light scattering assay for DNA detection on the PAMAM dendrimer modified surface. Analytical Methods, 2010, 2, 1008.	1.3	13
82	Studying copper(ii) ion induced interactions of Î²-amyloid peptides within living cells by gold nanoparticle probes. Analytical Methods, 2010, 2, 1467.	1.3	13
83	Exonuclease III assisted aptasensor for adenosine detection with gold nanoparticle probes. Analytical Methods, 2014, 6, 4366.	1.3	13
84	Multiple detection of single nucleotide polymorphism by microarray-based resonance light scattering assay with enlarged gold nanoparticle probes. Analyst, The, 2016, 141, 1772-1778.	1.7	13
85	Electrochemical Biosensors for Detecting Microbial Toxins by Graphene-Based Nanocomposites. Journal of Analysis and Testing, 2018, 2, 20-25.	2.5	13
86	Enhanced Sensitivity for Detection of HIV-1 p24 Antigen by a Novel Nuclease-Linked Fluorescence Oligonucleotide Assay. PLoS ONE, 2015, 10, e0125701.	1.1	13
87	Fabricating three-dimensional hydrogel oligonucleotide microarrays to detect single nucleotide polymorphisms. Analytical Methods, 2013, 5, 285-290.	1.3	12
88	Spheres-on-sphere silica microspheres as matrix for horseradish peroxidase immobilization and detection of hydrogen peroxide. RSC Advances, 2015, 5, 38665-38672.	1.7	12
89	A sensitive electrochemical aptasensor for detection of Aflatoxin B2 based on a polyacrylamide/phytic acid/polydopamine hydrogel modified screen printed carbon electrode. Analytical Methods, 2018, 10, 4689-4694.	1.3	12
90	Peptide microarray-based fluorescence assay for quantitatively monitoring the tumor-associated matrix metalloproteinase-2 activity. Sensors and Actuators B: Chemical, 2020, 304, 127320.	4.0	12

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91	Smart design of exquisite multidimensional multilayered sand-clock-like upconversion nanostructures with ultrabright luminescence as efficient luminescence probes for bioimaging application. Mikrochimica Acta, 2020, 187, 527.	2.5	12
92	Enhancement of the Detection Performance of Paper-Based Analytical Devices by Nanomaterials. Molecules, 2022, 27, 508.	1.7	12
93	Synthesis of heteronanostructures for multimodality molecular imaging-guided photothermal therapy. Journal of Materials Chemistry B, 2020, 8, 10136-10145.	2.9	10
94	The Renal Clearable Magnetic Resonance Imaging Contrast Agents: State of the Art and Recent Advances. Molecules, 2020, 25, 5072.	1.7	10
95	The recent development of nanomaterials enhanced paper-based electrochemical analytical devices. Journal of Electroanalytical Chemistry, 2022, 909, 116140.	1.9	10
96	Spectrometric study on the interaction of indocyanine green with human serum albumin. Chemical Research in Chinese Universities, 2016, 32, 343-347.	1.3	9
97	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. Sensors and Actuators B: Chemical, 2021, 330, 129361.	4.0	9
98	A microarray-based resonance light scattering assay for detecting thrombin generation in human plasma by gold nanoparticle probes. Analytical Methods, 2013, 5, 5895.	1.3	8
99	Development of gold nanoparticle based colorimetric method for quantitatively studying the inhibitors of Cu2+/Zn2+ induced Î²-amyloid peptide assembly. Analytica Chimica Acta, 2015, 858, 42-48.	2.6	8
100	Effects of Size, Shape, Surface Charge and Functionalization on Cytotoxicity of Gold Nanoparticles. Nano LIFE, 2015, 05, 1540003.	0.6	8
101	Surface ligation-based resonance light scattering analysis of methylated genomic DNA on a microarray platform. Analyst, The, 2016, 141, 3084-3089.	1.7	8
102	Single-Molecule Nanocatalysis Reveals the Kinetics of the Synergistic Effect Based on Single-AuAg Bimetal Nanocatalysts. Journal of Physical Chemistry Letters, 2022, 13, 830-837.	2.1	8
103	A self-protective piezoelectric-piezoresistive dual-mode device with superior dynamic-static mechanoresponse and energy harvesting performance enabled by flextensional transduction. Nano Energy, 2022, 100, 107498.	8.2	8
104	Peptide microarray-based fluorescence assay for simultaneously detecting matrix metalloproteinases. Analytical Methods, 2016, 8, 72-77.	1.3	7
105	Adsorption and desorption mechanisms on graphene oxide nanosheets: Kinetics and tuning. Innovation(China), 2021, 2, 100137.	5.2	7
106	Lateral flow immunoassay with peptide-functionalized gold nanoparticles for rapid detection of protein tyrosine phosphatase 1B. Analytical Biochemistry, 2022, 648, 114671.	1.1	7
107	An efficient photothermal-chemotherapy platform based on polyacrylamide/phytic acid/polydopamine hydrogel. Journal of Materials Chemistry B, 2022, , .	2.9	7
108	Screening kinase inhibitors with microarray-based Raman spectroscopic assay. Analytical Methods, 2011, 3, 1003.	1.3	6

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109	Studying the relationship between cell cycle and Alzheimer's disease by gold nanoparticle probes. Analytical Biochemistry, 2015, 489, 32-37.	1.1	6
110	A portable optical waveguide resonance light-scattering scanner for microarray detection. Analyst, The, 2016, 141, 199-205.	1.7	6
111	Accurate Monitoring of Renal Injury State through in Vivo Magnetic Resonance Imaging with Ferric Coordination Polymer Nanodots. ACS Omega, 2018, 3, 4918-4923.	1.6	6
112	Polyacrylamide/Phytic Acid/Polydopamine Hydrogel as an Efficient Substrate for Electrochemical Enrichment of Circulating Cell-Free DNA from Blood Plasma. ACS Omega, 2020, 5, 5365-5371.	1.6	6
113	Peptide modified manganese-doped iron oxide nanoparticles as a sensitive fluorescence nanosensor for non-invasive detection of trypsin activity in vitro and in vivo. RSC Advances, 2021, 11, 2213-2220.	1.7	6
114	Development of a gold-nanorod-based lateral flow immunoassay for a fast and dual-modal detection of C-reactive protein in clinical plasma samples. RSC Advances, 2021, 11, 28388-28394.	1.7	6
115	A ratiometric fluorescent probe based on peptide modified MnFe₂O₄ nanoparticles for matrix metalloproteinase-7 activity detection in vitro and in vivo. Analyst, The, 2022, 147, 1581-1588.	1.7	6
116	The Bioanalytical and Biomedical Applications of Polymer Modified Substrates. Polymers, 2022, 14, 826.	2.0	6
117	The Application of Peptide Functionalized Gold Nanoparticles. ACS Symposium Series, 2012, , 55-68.	0.5	5
118	Development of a sandwiched microarray platform for studying the interactions of antibiotics with Staphylococcus aureus. Analytica Chimica Acta, 2016, 917, 93-100.	2.6	5
119	CXCR4 Peptide Conjugated Au-Fe2O3 Nanoparticles for Tumor-targeting Magnetic Resonance Imaging. Chemical Research in Chinese Universities, 2018, 34, 584-589.	1.3	5
120	Array-based in situ fluorescence assay for profiling multiplex matrix metalloproteinases activities in tissue section. Analytica Chimica Acta, 2019, 1078, 112-118.	2.6	5
121	Betaâ€Amyloid Oligomers: Amyloidâ€Î² Oligomerâ€Targeted Gadoliniumâ€Based NIR/MR Dualâ€Modal Theranostic Nanoprobe for Alzheimer's Disease (Adv. Funct. Mater. 16/2020). Advanced Functional Materials, 2020, 30, 2070101.	7.8	5
122	3D Tungsten Trioxide Nanosheets as Optoelectronic Materials for On-chip Quantification of Global Antioxidant Capacity. Chemical Research in Chinese Universities, 2021, 37, 763-771.	1.3	5
123	Controllable bisubstrate multi-colorimetric assay based on peroxidase-like nanozyme and complementary colorharmonic principle for semi-quantitative detection of H2O2 with the naked eye. Mikrochimica Acta, 2022, 189, 81.	2.5	5
124	High-efficiency peroxidase mimics for fluorescence detection of H₂O₂ and <scp>l</scp>-cysteine. Analyst, The, 2022, 147, 1808-1814.	1.7	5
125	Renal-clearable hyaluronic acid functionalized NaGdF₄nanodots with enhanced tumor accumulation. RSC Advances, 2020, 10, 13872-13878.	1.7	4
126	Neutrophil mediated postoperative photoimmunotherapy against melanoma skin cancer. Nanoscale, 2021, 13, 14825-14836.	2.8	4

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127	Detection of BRAFV600E mutation of thyroid cancer in circulating tumor DNA by an electrochemical-enrichment assisted ARMS-qPCR assay. Microchemical Journal, 2022, 179, 107452.	2.3	4
128	The Peptide Microarray-Based Assay for Kinase Functionality and Inhibition Study. Methods in Molecular Biology, 2009, 570, 329-337.	0.4	3
129	Microarray-Based Study of Carbohydrateâ€“Protein Binding. Methods in Molecular Biology, 2010, 600, 145-153.	0.4	3
130	Electrochemical Study of PW12O in Poly(ethylene glycol) Electrolyte. Electroanalysis, 2003, 15, 695-701.	1.5	2
131	Studying cytotoxicity of low concentration arsenic on PC 12 cell line. Analytical Methods, 2014, 6, 1709.	1.3	2
132	DNA microarray-based resonance light scattering assay for multiplexed detection of DNA mutation in papillary thyroid cancer. Analyst, The, 2018, 143, 914-919.	1.7	2
133	Development of Flow Cytometric Assay for Detecting Papillary Thyroid Carcinoma Related hsa-miR-146b-5p through Toehold-Mediated Strand Displacement Reaction on Magnetic Beads. Molecules, 2021, 26, 1628.	1.7	2
134	Focus on the nanomaterial-based biosensor papers in Chinese Journal of Analytical Chemistry of the year 2010. Science China Chemistry, 2011, 54, 1365-1367.	4.2	1
135	Studying chemical-regulation of intracellular kinase activity by peptide microarray-based assay with gold nanoparticle probes. Analytical Methods, 2014, 6, 9404-9409.	1.3	1
136	The Peptide Microarray-Based Resonance Light Scattering Assay for Sensitively Detecting Intracellular Kinase Activity. Methods in Molecular Biology, 2016, 1352, 85-96.	0.4	1
137	Ricinus communis agglutinin I functionalisation of poly(methyl methacrylate) (PMMA) as a substrate for microfluidic device. Science China Chemistry, 2012, 55, 537-542.	4.2	0
138	Bioimaging: Employing Tryptone as a General Phase Transfer Agent to Produce Renal Clearable Nanodots for Bioimaging (Small 30/2015). Small, 2015, 11, 3618-3618.	5.2	0