Zhenxin Wang

List of Publications by Year in Descending Order

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	Single-Molecule Nanocatalysis Reveals the Kinetics of the Synergistic Effect Based on Single-AuAg Bimetal Nanocatalysts.. *Journal of Physical Chemistry Letters*, **2022**, 830-837	6.4	1
132	Controllable bisubstrate multi-colorimetric assay based on peroxidase-like nanozyme and complementary colorharmonic principle for semi-quantitative detection of HO with the naked eye.. *Mikrochimica Acta*, **2022**, 189, 81	5.8	0
131	The Recent Development of Nanomaterials Enhanced Paper-Based Electrochemical Analytical Devices. *Journal of Electroanalytical Chemistry*, **2022**, 909, 116140	4.1	0
130	A ratiometric fluorescent probe based on peptide modified MnFeO nanoparticles for matrix metalloproteinase-7 activity detection and .. *Analyst, The*, **2022**,	5	2
129	Lateral flow immunoassay with peptide-functionalized gold nanoparticles for rapid detection of protein tyrosine phosphatase 1B.. *Analytical Biochemistry*, **2022**, 114671	3.1	1
128	Detection of BRAFV600E mutation of thyroid cancer in circulating tumor DNA by an electrochemical-enrichment assisted ARMS-qPCR assay. *Microchemical Journal*, **2022**, 179, 107452	4.8	0
127	Recent advances in nanomaterials-based optical and electrochemical aptasensors for detection of cyanotoxins. *Talanta*, **2022**, 248, 123607	6.2	1
126	Skin-Inspired Hair-Epidermis-Dermis Hierarchical Structures for Electronic Skin Sensors with High Sensitivity over a Wide Linear Range. *ACS Nano*, **2021**, 15, 16218-16227	16.7	11
125	3D Tungsten Trioxide Nanosheets as Optoelectronic Materials for On-chip Quantification of Global Antioxidant Capacity. *Chemical Research in Chinese Universities*, **2021**, 37, 763-771	2.2	1
124	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,	4.8	1
123	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	8.5	6
122	Oxidized titanium carbide MXene-enabled photoelectrochemical sensor for quantifying synergistic interaction of ascorbic acid based antioxidants system. *Biosensors and Bioelectronics*, **2021**, 177, 112978	11.8	15
121	The Peptide Functionalized Inorganic Nanoparticles for Cancer-Related Bioanalytical and Biomedical Applications. *Molecules*, **2021**, 26,	4.8	7
120	Supramolecular Assembled Programmable Nanomedicine As In Situ Cancer Vaccine for Cancer Immunotherapy. *Advanced Materials*, **2021**, 33, e2007293	24	41
119	Peptide modified manganese-doped iron oxide nanoparticles as a sensitive fluorescence nanosensor for non-invasive detection of trypsin activity and .. *RSC Advances*, **2021**, 11, 2213-2220	3.7	2
118	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	3.7	2
117	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	8.5	2

116	One-pot synthesis of AuPd@FeO nanoagent with the activable Fe species for enhanced Chemodynamic-photothermal synergetic therapy. *Biomaterials*, **2021**, 274, 120821	15.6	5
115	Adsorption and desorption mechanisms on graphene oxide nanosheets: Kinetics and tuning. *Innovation(China)*, **2021**, 2, 100137	17.8	3
114	Stretchable, self-healable integrated conductor based on mechanical reinforced graphene/polyurethane composites. *Journal of Colloid and Interface Science*, **2021**, 597, 393-400	9.3	5
113	Neutrophil mediated postoperative photoimmunotherapy against melanoma skin cancer. *Nanoscale*, **2021**, 13, 14825-14836	7.7	0
112	Recent advances in nanocomposite-based electrochemical aptasensors for the detection of toxins. *Journal of Materials Chemistry B*, **2020**, 8, 5808-5825	7.3	15
111	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	3.9	2
110	Renal-clearable hyaluronic acid functionalized NaGdF nanodots with enhanced tumor accumulation.. *RSC Advances*, **2020**, 10, 13872-13878	3.7	2
109	Amyloid-□Oligomer-Targeted Gadolinium-Based NIR/MR Dual-Modal Theranostic Nanoprobe for Alzheimer□s Disease. *Advanced Functional Materials*, **2020**, 30, 1909529	15.6	14
108	Beta-Amyloid Oligomers: Amyloid-□Oligomer-Targeted Gadolinium-Based NIR/MR Dual-Modal Theranostic Nanoprobe for Alzheimer□s Disease (Adv. Funct. Mater. 16/2020). *Advanced Functional Materials*, **2020**, 30, 2070101	15.6	1
107	UCNP-Bi Se Upconverting Nanohybrid for Upconversion Luminescence and CT Imaging and Photothermal Therapy. *Chemistry - A European Journal*, **2020**, 26, 1127-1135	4.8	17
106	Peptide microarray-based fluorescence assay for quantitatively monitoring the tumor-associated matrix metalloproteinase-2 activity. *Sensors and Actuators B: Chemical*, **2020**, 304, 127320	8.5	8
105	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	10.8	14
104	One-pot synthesis of Ln-doped porous BiF@PAA nanospheres for temperature sensing and pH-responsive drug delivery guided by CT imaging. *Nanoscale*, **2020**, 12, 695-702	7.7	16
103	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	11.8	13
102	Biosensors and bioassays for determination of matrix metalloproteinases: state of the art and recent advances. *Journal of Materials Chemistry B*, **2020**, 8, 3261-3291	7.3	19
101	Synthesis of heteronanostructures for multimodality molecular imaging-guided photothermal therapy. *Journal of Materials Chemistry B*, **2020**, 8, 10136-10145	7.3	7
100	Untraditional Deformation-Driven Pressure Sensor with High Sensitivity and Ultra-Large Sensing Range up to MPa Enables Versatile Applications. *Advanced Materials Technologies*, **2020**, 5, 2000677	6.8	12
99	The Renal Clearable Magnetic Resonance Imaging Contrast Agents: State of the Art and Recent Advances. *Molecules*, **2020**, 25,	4.8	3

98	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	5.8	8
97	Rational synthesis of three-dimensional core-double shell upconversion nanodendrites with ultrabright luminescence for bioimaging application. *Chemical Science*, **2019**, 10, 7591-7599	9.4	18
96	Array-based in situ fluorescence assay for profiling multiplex matrix metalloproteinases activities in tissue section. *Analytica Chimica Acta*, **2019**, 1078, 112-118	6.6	4
95	Peptide-functionalized NaGdF nanoparticles for tumor-targeted magnetic resonance imaging and effective therapy.. *RSC Advances*, **2019**, 9, 17093-17100	3.7	9
94	Peptide-functionalized upconversion nanoparticles-based FRET sensing platform for Caspase-9 activity detection in vitro and in vivo. *Biosensors and Bioelectronics*, **2019**, 141, 111403	11.8	29
93	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	15.6	29
92	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	4.1	14
91	Two-Dimensional Layered Nanomaterial-Based Electrochemical Biosensors for Detecting Microbial Toxins. *Toxins*, **2019**, 12,	4.9	17
90	The controllable growth of ultrathin MnO on polydopamine nanospheres as a single nanoplatform for the MRI-guided synergistic therapy of tumors. *Journal of Materials Chemistry B*, **2019**, 7, 7152-7161	7.3	23
89	Designing of UCNPs@Bi@SiO Hybrid Theranostic Nanoplatforms for Simultaneous Multimodal Imaging and Photothermal Therapy. *ACS Applied Materials & Interfaces*, **2019**, 11, 394-402	9.5	35
88	A novel reduced graphene oxide/molybdenum disulfide/polyaniline nanocomposite-based electrochemical aptasensor for detection of aflatoxin B. *Analyst, The*, **2018**, 143, 1644-1649	5	57
87	DNA microarray-based resonance light scattering assay for multiplexed detection of DNA mutation in papillary thyroid cancer. *Analyst, The*, **2018**, 143, 914-919	5	1
86	An upconversion nanoparticle-based fluorescence resonance energy transfer system for effectively sensing caspase-3 activity. *Analyst, The*, **2018**, 143, 761-767	5	21
85	Accurate Monitoring of Renal Injury State through in Vivo Magnetic Resonance Imaging with Ferric Coordination Polymer Nanodots. *ACS Omega*, **2018**, 3, 4918-4923	3.9	3
84	Uncovering the Binding Specificities of Lectins with Cells for Precision Colorectal Cancer Diagnosis Based on Multimodal Imaging. *Advanced Science*, **2018**, 5, 1800214	13.6	14
83	Electrochemical Biosensors for Detecting Microbial Toxins by Graphene-Based Nanocomposites. *Journal of Analysis and Testing*, **2018**, 2, 20-25	3.2	7
82	Polyamidoamine starburst dendrimer-activated chromatography paper-based assay for sensitive detection of telomerase activity. *Talanta*, **2018**, 178, 116-121	6.2	12
81	Renal-Clearable Peptide-Functionalized BaGdF Nanoparticles for Positive Tumor-Targeting Dual-Mode Bioimaging. *ACS Applied Materials & Interfaces*, **2018**, 10, 25511-25518	9.5	12

80	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	3.2	7
79	Effective immobilization of Au nanoparticles on TiO loaded graphene for a novel sandwich-type immunosensor. *Biosensors and Bioelectronics*, **2018**, 102, 301-306	11.8	43
78	CXCR4 Peptide Conjugated Au-Fe2O3 Nanoparticles for Tumor-targeting Magnetic Resonance Imaging. *Chemical Research in Chinese Universities*, **2018**, 34, 584-589	2.2	5
77	The role of peptide microarrays in biomedical research. *Analytical Methods*, **2018**, 10, 4614-4624	3.2	13
76	Surfactant-Free Aqueous Synthesis of Novel BaGdF:Yb, Er@PEG Upconversion Nanoparticles for in Vivo Trimodality Imaging. *ACS Applied Materials & Interfaces*, **2017**, 9, 15096-15102	9.5	29
75	Peptide Microarray-Based Metal Enhanced Fluorescence Assay for Multiple Profiling of Matrix Metalloproteinases Activities. *Analytical Chemistry*, **2017**, 89, 6749-6757	7.8	21
74	Polyacrylamide-phytic acid-polydopamine conducting porous hydrogel for rapid detection and removal of copper (II) ions. *Biosensors and Bioelectronics*, **2017**, 91, 306-312	11.8	63
73	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	7.3	11
72	Development of Sphere-Polymer Brush Hierarchical Nanostructure Substrates for Fabricating Microarrays with High Performance. *ACS Applied Materials & Interfaces*, **2017**, 9, 38101-38108	9.5	11
71	Multiplexed detection of microRNAs by a competitive DNA microarray-based resonance light scattering assay. *Analyst, The*, **2017**, 142, 4529-4535	5	8
70	Polyacrylamide-Phytic Acid-Polydopamine Conducting Porous Hydrogel for Efficient Removal of Water-Soluble Dyes. *Scientific Reports*, **2017**, 7, 7878	4.9	17
69	Renal Clearable Peptide Functionalized NaGdF Nanodots for High-Efficiency Tracking Orthotopic Colorectal Tumor in Mouse. *Molecular Pharmaceutics*, **2017**, 14, 3134-3141	5.6	20
68	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	9.5	11
67	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	11.8	70
66	Peptide microarray-based fluorescence assay for simultaneously detecting matrix metalloproteinases. *Analytical Methods*, **2016**, 8, 72-77	3.2	6
65	Sensitive Detection of Polynucleotide Kinase Activity by Paper-Based Fluorescence Assay with Exonuclease Assistance. *Analytical Chemistry*, **2016**, 88, 11358-11363	7.8	21
64	Spectrometric study on the interaction of indocyanine green with human serum albumin. *Chemical Research in Chinese Universities*, **2016**, 32, 343-347	2.2	5
63	Development of a sandwiched microarray platform for studying the interactions of antibiotics with Staphylococcus aureus. *Analytica Chimica Acta*, **2016**, 917, 93-100	6.6	4

62	Multiple detection of single nucleotide polymorphism by microarray-based resonance light scattering assay with enlarged gold nanoparticle probes. *Analyst, The*, **2016**, 141, 1772-8	5	10
61	A portable optical waveguide resonance light-scattering scanner for microarray detection. *Analyst, The*, **2016**, 141, 199-205	5	5
60	The Peptide Microarray-Based Resonance Light Scattering Assay for Sensitively Detecting Intracellular Kinase Activity. *Methods in Molecular Biology*, **2016**, 1352, 85-96	1.4	1
59	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, 10174-82	9.5	37
58	Surface ligation-based resonance light scattering analysis of methylated genomic DNA on a microarray platform. *Analyst, The*, **2016**, 141, 3084-9	5	5
57	A label-free electrochemical aptasensor based on graphene oxide/double-stranded DNA nanocomposite. *Colloids and Surfaces B: Biointerfaces*, **2016**, 145, 160-166	6	11
56	Gram-scale synthesis of coordination polymer nanodots with renal clearance properties for cancer theranostic applications. *Nature Communications*, **2015**, 6, 8003	17.4	168
55	A label-free electrochemical impedance aptasensor for cylindrospermopsin detection based on thionine-graphene nanocomposites. *Analyst, The*, **2015**, 140, 5570-7	5	39
54	Carbon nanofibers by pyrolysis of self-assembled perylene diimide derivative gels as supercapacitor electrode materials. *Journal of Materials Chemistry A*, **2015**, 3, 15513-15522	13	20
53	Employing Tryptone as a General Phase Transfer Agent to Produce Renal Clearable Nanodots for Bioimaging. *Small*, **2015**, 11, 3676-85	11	12
52	Spheres-on-sphere silica microspheres as matrix for horseradish peroxidase immobilization and detection of hydrogen peroxide. *RSC Advances*, **2015**, 5, 38665-38672	3.7	12
51	Effects of Size, Shape, Surface Charge and Functionalization on Cytotoxicity of Gold Nanoparticles. *Nano LIFE*, **2015**, 05, 1540003	0.9	5
50	Fe2O3@Au core@shell nanoparticle–graphene nanocomposites as theranostic agents for bioimaging and chemo-photothermal synergistic therapy. *RSC Advances*, **2015**, 5, 84980-84987	3.7	31
49	Nanofibrous microspheres via emulsion gelation and carbonization. *Chemical Communications*, **2015**, 51, 16864-7	5.8	13
48	Studying the relationship between cell cycle and Alzheimer's disease by gold nanoparticle probes. *Analytical Biochemistry*, **2015**, 489, 32-7	3.1	6
47	Electrospun graphene decorated MnCo2O4 composite nanofibers for glucose biosensing. *Biosensors and Bioelectronics*, **2015**, 66, 308-15	11.8	75
46	Bioimaging: Employing Tryptone as a General Phase Transfer Agent to Produce Renal Clearable Nanodots for Bioimaging (Small 30/2015). *Small*, **2015**, 11, 3618-3618	11	
45	Facile preparation of doxorubicin-loaded upconversion@polydopamine nanoplatforms for simultaneous in vivo multimodality imaging and chemophotothermal synergistic therapy. *Advanced Healthcare Materials*, **2015**, 4, 559-68	10.1	134

44	Surface charge effect on the cellular interaction and cytotoxicity of NaYF4:Yb3+, Er3+@SiO2 nanoparticles. *RSC Advances*, **2015**, 5, 7773-7780	3.7	19
43	Development of gold nanoparticle based colorimetric method for quantitatively studying the inhibitors of Cu(2+)/Zn(2+) induced □amyloid peptide assembly. *Analytica Chimica Acta*, **2015**, 858, 42-8	6.6	7
42	Enhanced Sensitivity for Detection of HIV-1 p24 Antigen by a Novel Nuclease-Linked Fluorescence Oligonucleotide Assay. *PLoS ONE*, **2015**, 10, e0125701	3.7	8
41	Fabricating three-dimensional carbohydrate hydrogel microarray for lectin-mediated bacterium capturing. *Biosensors and Bioelectronics*, **2014**, 58, 92-100	11.8	28
40	Assaying multiple restriction endonucleases functionalities and inhibitions on DNA microarray with multifunctional gold nanoparticle probes. *Biosensors and Bioelectronics*, **2014**, 52, 118-23	11.8	17
39	Microarray-based resonance light scattering assay for detecting DNA methylation and human DNA methyltransferase simultaneously with high sensitivity. *Analyst, The*, **2014**, 139, 3537-40	5	13
38	Studying cytotoxicity of low concentration arsenic on PC 12 cell line. *Analytical Methods*, **2014**, 6, 1709	3.2	1
37	Studying chemical-regulation of intracellular kinase activity by peptide microarray-based assay with gold nanoparticle probes. *Analytical Methods*, **2014**, 6, 9404-9409	3.2	1
36	Exonuclease III assisted aptasensor for adenosine detection with gold nanoparticle probes. *Analytical Methods*, **2014**, 6, 4366	3.2	11
35	Conjugation of NaGdF4 upconverting nanoparticles on silica nanospheres as contrast agents for multi-modality imaging. *Biomaterials*, **2013**, 34, 5218-25	15.6	86
34	A microarray-based resonance light scattering assay for detecting thrombin generation in human plasma by gold nanoparticle probes. *Analytical Methods*, **2013**, 5, 5895	3.2	8
33	Synthesis of stable carboxy-terminated NaYF4: Yb3+, Er3+@SiO2 nanoparticles with ultrathin shell for biolabeling applications. *Nanoscale*, **2013**, 5, 1047-53	7.7	57
32	Fabricating three-dimensional hydrogel oligonucleotide microarrays to detect single nucleotide polymorphisms. *Analytical Methods*, **2013**, 5, 285-290	3.2	11
31	Sensitive detection of protein kinase A activity in cell lysates by peptide microarray-based assay. *Analytical Chemistry*, **2013**, 85, 7033-7	7.8	36
30	Designing bifunctionalized gold nanoparticle for colorimetric detection of Pb2+ under physiological condition. *Biosensors and Bioelectronics*, **2012**, 31, 505-9	11.8	40
29	DNA electrochemical biosensor based on thionine-graphene nanocomposite. *Biosensors and Bioelectronics*, **2012**, 35, 507-511	11.8	132
28	The Application of Peptide Functionalized Gold Nanoparticles. *ACS Symposium Series*, **2012**, 55-68	0.4	4
27	Ricinus communis agglutinin I functionalisation of poly(methyl methacrylate) (PMMA) as a substrate for microfluidic device. *Science China Chemistry*, **2012**, 55, 537-542	7.9	

26	Studying the interaction of carbohydrate-protein on the dendrimer-modified solid support by microarray-based plasmon resonance light scattering assay. *Analyst, The*, **2011**, 136, 4301-7	5	15
25	Synthesis and cell-surface binding of lectin-gold nanoparticle conjugates. *Analytical Methods*, **2011**, 3, 1745	3.2	12
24	Screening kinase inhibitors with microarray-based Raman spectroscopic assay. *Analytical Methods*, **2011**, 3, 1003	3.2	6
23	Screening kinase inhibitors with a microarray-based fluorescent and resonance light scattering assay. *Analytical Chemistry*, **2010**, 82, 3067-72	7.8	43
22	Gold nanoparticle-based colorimetric assay for selective detection of aluminium cation on living cellular surfaces. *Chemical Communications*, **2010**, 46, 988-90	5.8	78
21	Developing oligonucleotide microarray-based resonance light scattering assay for DNA detection on the PAMAM dendrimer modified surface. *Analytical Methods*, **2010**, 2, 1008	3.2	13
20	Studying copper(II) ion induced interactions of β-amyloid peptides within living cells by gold nanoparticle probes. *Analytical Methods*, **2010**, 2, 1467	3.2	13
19	Recognition and transmembrane delivery of bioconjugated Fe2O3@Au nanoparticles with living cells. *Nanoscale*, **2010**, 2, 269-76	7.7	15
18	Microarray-based study of carbohydrate-protein binding. *Methods in Molecular Biology*, **2010**, 600, 145-53	1.4	3
17	Gold nanoparticle probes. *Coordination Chemistry Reviews*, **2009**, 253, 1607-1618	23.2	319
16	Functional gold nanoparticles for studying the interaction of lectin with glycosyl complex on living cellular surfaces. *Analytical Biochemistry*, **2009**, 392, 77-82	3.1	19
15	The peptide microarray-based assay for kinase functionality and inhibition study. *Methods in Molecular Biology*, **2009**, 570, 329-37	1.4	3
14	Functional gold nanoparticle-peptide complexes as cell-targeting agents. *Langmuir*, **2008**, 24, 10293-7	4	98
13	Microarray-based study of carbohydrate-protein binding by gold nanoparticle probes. *Analytical Chemistry*, **2008**, 80, 8822-7	7.8	66
12	Microarray-based kinase inhibition assay by gold nanoparticle probes. *Analytical Chemistry*, **2007**, 79, 773-7	7.8	53
11	Design of polymeric stabilizers for size-controlled synthesis of monodisperse gold nanoparticles in water. *Langmuir*, **2007**, 23, 885-95	4	149
10	Kinase-catalyzed modification of gold nanoparticles: a new approach to colorimetric kinase activity screening. *Journal of the American Chemical Society*, **2006**, 128, 2214-5	16.4	252
9	Microarray-based detection of protein binding and functionality by gold nanoparticle probes. *Analytical Chemistry*, **2005**, 77, 5770-4	7.8	146

8	The peptide route to multifunctional gold nanoparticles. *Bioconjugate Chemistry*, **2005**, 16, 497-500	6.3	96
7	Molecular Recognition by Calix[4]arene-Modified Gold Nanoparticles in Aqueous Solution. *Angewandte Chemie*, **2005**, 117, 2973-2976	3.6	12
6	Enzymatic DNA processing on gold nanoparticles. *Journal of Materials Chemistry*, **2004**, 14, 578		45
5	Electrochemical Study of PW12O$rm{_{40}^{3-}}$ in Poly(ethylene glycol) Electrolyte. *Electroanalysis*, **2003**, 15, 695-701	3	2
4	Towards Multistep Nanostructure Synthesis: Programmed Enzymatic Self-Assembly of DNA/Gold Systems. *Angewandte Chemie*, **2003**, 115, 201-204	3.6	29
3	A temperature-dependent interaction of neutral red with calf thymus DNA. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2003**, 59, 949-56	4.4	20
2	Study on Adsorption and Oxidation of Calf Thymus DNA at Glassy Carbon Electrode. *Electroanalysis*, **2000**, 12, 1419-1421	3	28
1	Oriented polyoxometalate/polycation multilayers on a carbon substrate. *Journal of Materials Chemistry*, **2000**, 10, 2727-2733		29