

Chi-Fang Peng

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

1,452
citations

361413

20
h-index

345221

36
g-index

58
all docs

58
docs citations

58
times ranked

1968
citing authors

#	ARTICLE	IF	CITATIONS
1	Crown ether assembly of gold nanoparticles: Melamine sensor. <i>Biosensors and Bioelectronics</i> , 2011, 26, 2032-2037.	10.1	128
2	Simultaneous and sensitive determination of multiplex chemical residues based on multicolor quantum dot probes. <i>Biosensors and Bioelectronics</i> , 2009, 24, 3657-3662.	10.1	99
3	Gold nanorod assembly based approach to toxin detection by SERS. <i>Journal of Materials Chemistry</i> , 2012, 22, 2387-2391.	6.7	97
4	Electrochemical aptasensor for the determination of bisphenol A in drinking water. <i>Mikrochimica Acta</i> , 2013, 180, 109-115.	5.0	89
5	Recent trends in SELEX technique and its application to food safety monitoring. <i>Mikrochimica Acta</i> , 2014, 181, 479-491.	5.0	86
6	Colorimetric assay of l-cysteine based on peroxidase-mimicking DNA-Ag/Pt nanoclusters. <i>Sensors and Actuators B: Chemical</i> , 2016, 235, 110-116.	7.8	75
7	A One-Step Homogeneous Sandwich Immunosensor for Salmonella Detection Based on Magnetic Nanoparticles (MNPs) and Quantum Dots (QDs). <i>International Journal of Molecular Sciences</i> , 2013, 14, 8603-8610.	4.1	58
8	Colorimetric determination of cysteine by exploiting its inhibitory action on the peroxidase-like activity of Au@Pt core-shell nanohybrids. <i>Mikrochimica Acta</i> , 2017, 184, 65-72.	5.0	50
9	Colorimetric detection of Hg ²⁺ based on inhibiting the peroxidase-like activity of DNA@Ag/Pt nanoclusters. <i>RSC Advances</i> , 2016, 6, 75384-75389.	3.6	49
10	Ultrasensitive immunoassay of 7-aminoclonazepam in human urine based on CdTe nanoparticle bioconjugations by fabricated microfluidic chip. <i>Biosensors and Bioelectronics</i> , 2009, 24, 2051-2056.	10.1	45
11	Production of new class-specific polyclonal antibody for determination of fluoroquinolones antibiotics by indirect competitive ELISA. <i>Food and Agricultural Immunology</i> , 2008, 19, 251-264.	1.4	41
12	Colorimetric detection of thiocyanate based on inhibiting the catalytic activity of cystine-capped core-shell Au@Pt nanocatalysts. <i>Talanta</i> , 2017, 175, 114-120.	5.5	41
13	Development of a sensitive heterologous ELISA method for analysis of acetylgestagen residues in animal fat. <i>Food Chemistry</i> , 2008, 109, 647-653.	8.2	36
14	Colorimetric assay for the simultaneous detection of Hg ²⁺ and Ag ⁺ based on inhibiting the peroxidase-like activity of core@shell Au@Pt nanoparticles. <i>Analytical Methods</i> , 2017, 9, 4363-4370.	2.7	35
15	Colorimetric Detection of Copper Ions Based on Surface Modification of Silver/Platinum Cluster Nanozyme. <i>Chinese Journal of Analytical Chemistry</i> , 2017, 45, 471-476.	1.7	26
16	Design and optimizing gold nanoparticle-cDNA nanoprobe for aptamer-based lateral flow assay: Application to rapid detection of acetamiprid. <i>Biosensors and Bioelectronics</i> , 2022, 207, 114114.	10.1	24
17	Fragment-based hapten design and screening of a highly sensitive and specific monoclonal antibody for ractopamine. <i>Analytical Methods</i> , 2014, 6, 229-234.	2.7	23
18	Highly sensitive surface plasmonic ELISA for small molecules by the naked eye. <i>Analytical Methods</i> , 2014, 6, 9616-9621.	2.7	23

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19	Preparation, characterization, and antibiofilm activity of cinnamic acid conjugated hydroxypropyl chitosan derivatives. <i>International Journal of Biological Macromolecules</i> , 2021, 189, 657-667.	7.5	22
20	A simplified fluorescent lateral flow assay for melamine based on aggregation induced emission of gold nanoclusters. <i>Food Chemistry</i> , 2022, 385, 132670.	8.2	22
21	Determination of medroxyprogesterone acetate residues by CE immunoassay with chemiluminescence detection. <i>Electrophoresis</i> , 2007, 28, 970-974.	2.4	21
22	DNA-Modified Gold Nanozyme-Modified Paper Device for Enhanced Colorimetric Detection of Mercury Ions. <i>Biosensors</i> , 2020, 10, 211.	4.7	20
23	Analytical Methods for the Detection of Corticosteroids-Residues in Animal-Derived Foodstuffs. <i>Critical Reviews in Analytical Chemistry</i> , 2008, 38, 227-241.	3.5	19
24	Fluorescence sensor based on glutathione capped CdTe QDs for detection of Cr ³⁺ ions in vitamins. <i>Food Science and Human Wellness</i> , 2018, 7, 71-76.	4.9	18
25	A new development of measurement of 19-Nortestosterone by combining immunochromatographic strip assay and ImageJ software. <i>Food and Agricultural Immunology</i> , 2009, 20, 1-10.	1.4	17
26	Highly sensitive colorimetric detection of copper ions based on regulating the peroxidase-like activity of Au@Pt nanohybrids. <i>Analytical Methods</i> , 2016, 8, 7531-7536.	2.7	17
27	Determination of Bisphenol A by a Gold Nanoflower Enhanced Enzyme-Linked Immunosorbent Assay. <i>Analytical Letters</i> , 2016, 49, 1492-1501.	1.8	17
28	Structure-specific hapten design for the screening of highly sensitive and specific monoclonal antibody to salbutamol. <i>Analytical Methods</i> , 2014, 6, 4228-4233.	2.7	16
29	Highly Sensitive and Selective Colorimetric Detection of Methylmercury Based on DNA Functionalized Gold Nanoparticles. <i>Sensors</i> , 2018, 18, 2679.	3.8	15
30	Colorimetric determination of Pb ²⁺ ions based on surface leaching of Au@Pt nanoparticles as peroxidase mimic. <i>Mikrochimica Acta</i> , 2020, 187, 255.	5.0	15
31	A Highly Sensitive Colorimetric Method for Copper Ions Detection Based on Controlling the Peroxidase-like Activity of Au@Pt Nanocatalysts. <i>Analytical Sciences</i> , 2017, 33, 321-325.	1.6	13
32	Development of colloidal gold-based immunochromatographic assay for the rapid detection of medroxyprogesterone acetate residues. <i>Food and Agricultural Immunology</i> , 2006, 17, 183-190.	1.4	12
33	Gold nanoparticle-based immunochromatographic assay for the detection of 7-aminoclonazepam in urine. <i>International Journal of Environmental Analytical Chemistry</i> , 2009, 89, 261-268.	3.3	12
34	A Fluorescent Detection for Paraquat Based on Î ² -CDs-Enhanced Fluorescent Gold Nanoclusters. <i>Foods</i> , 2021, 10, 1178.	4.3	12
35	Mesoporous silica-loaded gold nanocluster with enhanced fluorescence and ratiometric fluorescent detection of thiram in foods. <i>Mikrochimica Acta</i> , 2021, 188, 363.	5.0	12
36	Preparation of a fluorescent silver nanoprism-dye complex for detection of hydrogen peroxide in milk. <i>Analytical Methods</i> , 2015, 7, 9749-9752.	2.7	11

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37	Highly sensitive and selective colorimetric detection of Hg ²⁺ based on the separation of Hg ²⁺ and formation of catalytic DNA-gold nanoparticles. <i>Analytical Methods</i> , 2016, 8, 1021-1025.	2.7	11
38	Systematic comparisons of genetically modified organism DNA separation and purification by various functional magnetic nanoparticles. <i>International Journal of Food Science and Technology</i> , 2012, 47, 910-917.	2.7	10
39	Shape-Controlled Generation of Gold Nanoparticles Assisted by Dual-Molecules: The Development of Hydrogen Peroxide and Oxidase-Based Biosensors. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-7.	2.7	10
40	Highly sensitive nano-ELISA for detecting 19-nortestosterone in beef. <i>Food and Agricultural Immunology</i> , 2014, 25, 423-431.	1.4	10
41	Highly selective and sensitive colorimetric detection for glyphosate based on β -CD@DNA-CuNCs enzyme mimics. <i>Analytica Chimica Acta</i> , 2022, 1222, 339992.	5.4	10
42	Ultrasensitive Nano-ELISA for Detecting Sulfadimethoxine in Chicken Tissue. <i>Journal of Chemistry</i> , 2013, 2013, 1-5.	1.9	9
43	A general strategy to synthesis chitosan oligosaccharide-O-Terpenol derivatives with antibacterial properties. <i>Carbohydrate Research</i> , 2021, 503, 108315.	2.3	9
44	Non-thiolated nucleic acid functionalized gold nanoparticle-based aptamer lateral flow assay for rapid detection of kanamycin. <i>Mikrochimica Acta</i> , 2022, 189, .	5.0	9
45	Separation and identification of synthetic antigens of hexoestrol residue in animal derived food by HPLC-MS. <i>Food and Agricultural Immunology</i> , 2006, 17, 21-27.	1.4	8
46	Parts Per Trillion Detection of 7-Aminonitrazepam by Nano-Enhanced ELISA. <i>International Journal of Molecular Sciences</i> , 2013, 14, 19474-19483.	4.1	8
47	Highly Sensitive and Selective Fluorescence Turn-On-Detection of Pb (II) Based on Fe ₃ O ₄ @Au-FITC Nanocomposite. <i>Molecules</i> , 2021, 26, 3180.	3.8	8
48	Botryoid-shaped nanoparticles-enhanced ELISA for ochratoxin A. <i>Food and Agricultural Immunology</i> , 2017, 28, 299-309.	1.4	7
49	DNA dendrimer-templated copper nanoparticles: self-assembly, aggregation-induced emission enhancement and sensing of lead ions. <i>Mikrochimica Acta</i> , 2021, 188, 346.	5.0	7
50	Immuno-chromatographic assay for determination of hexoestrol residues. <i>European Food Research and Technology</i> , 2007, 225, 743-747.	3.3	5
51	Development and optimization of an indirect enzyme-linked immunosorbent assay for the determination of Hexoestrol. <i>Food and Agricultural Immunology</i> , 2006, 17, 157-171.	1.4	4
52	Ultrafast Ratiometric Detection of Aflatoxin B1 Based on Fluorescent β -CD@Cu Nanoparticles and Pt ²⁺ Ions. <i>ACS Applied Bio Materials</i> , 2022, 5, 285-294.	4.6	4
53	Rapid Determination of Clenbuterol in Urine by a Competitive Bead Immunoassay Based on Luminex Technology. <i>Immunological Investigations</i> , 2011, 40, 14-28.	2.0	3
54	Green Phosphors Based on 9,10-bis((4-((3,7-dimethyloctyl)oxy) phenyl) ethynyl) Anthracene for LED. <i>Micromachines</i> , 2019, 10, 703.	2.9	1

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55	Development of colloidal gold-based immunochemical assay for the rapid detection of medroxyprogesterone acetate residues in biological materials. <i>International Journal of Environmental Analytical Chemistry</i> , 2007, 87, 275-283.	3.3	0
56	Controllable preparation of highly active horseradish peroxidase-gold nanoparticle bionanoconjugate. <i>Polish Journal of Chemical Technology</i> , 2012, 14, 57-60.	0.5	0