Chi-Fang Peng

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7462786/publications.pdf

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	Design and optimizing gold nanoparticle-cDNA nanoprobes for aptamer-based lateral flow assay: Application to rapid detection of acetamiprid. Biosensors and Bioelectronics, 2022, 207, 114114.	10.1	24
2	A simplified fluorescent lateral flow assay for melamine based on aggregation induced emission of gold nanoclusters. Food Chemistry, 2022, 385, 132670.	8.2	22
3	Ultrafast Ratiometric Detection of Aflatoxin B1 Based on Fluorescent Î²-CD@Cu Nanoparticles and Pt²⁺ Ions. ACS Applied Bio Materials, 2022, 5, 285-294.	4.6	4
4	Highly selective and sensitive colorimetric detection for glyphosate based on Î²-CD@DNA-CuNCs enzyme mimics. Analytica Chimica Acta, 2022, 1222, 339992.	5.4	10
5	Non-thiolated nucleic acid functionalized gold nanoparticleâ€“based aptamer lateral flow assay for rapid detection of kanamycin. Mikrochimica Acta, 2022, 189, .	5.0	9
6	A Fluorescent Detection for Paraquat Based on Î²-CDs-Enhanced Fluorescent Gold Nanoclusters. Foods, 2021, 10, 1178.	4.3	12
7	Highly Sensitive and Selective Fluorescence â€œTurn-Onâ€•Detection of Pb (II) Based on Fe3O4@Auâ€“FITC Nanocomposite. Molecules, 2021, 26, 3180.	3.8	8
8	A general strategy to synthesis chitosan oligosaccharide-O-Terpenol derivatives with antibacterial properties. Carbohydrate Research, 2021, 503, 108315.	2.3	9
9	DNA dendrimerâ€“templated copper nanoparticles: self-assembly, aggregation-induced emission enhancement and sensing of lead ions. Mikrochimica Acta, 2021, 188, 346.	5.0	7
10	Preparation, characterization, and antibiofilm activity of cinnamic acid conjugated hydroxypropyl chitosan derivatives. International Journal of Biological Macromolecules, 2021, 189, 657-667.	7.5	22
11	Mesoporous silica-loaded gold nanocluster with enhanced fluorescence and ratiometric fluorescent detection of thiram in foods. Mikrochimica Acta, 2021, 188, 363.	5.0	12
12	DNAâ€“Gold Nanozyme-Modified Paper Device for Enhanced Colorimetric Detection of Mercury Ions. Biosensors, 2020, 10, 211.	4.7	20
13	Colorimetric determination of Pb2+ ions based on surface leaching of Au@Pt nanoparticles as peroxidase mimic. Mikrochimica Acta, 2020, 187, 255.	5.0	15
14	Green Phosphors Based on 9,10-bis((4-((3,7-dimethyloctyl)oxy) phenyl) ethynyl) Anthracene for LED. Micromachines, 2019, 10, 703.	2.9	1
15	Fluorescence sensor based on glutathione capped CdTe QDs for detection of Cr 3+ ions in vitamins. Food Science and Human Wellness, 2018, 7, 71-76.	4.9	18
16	Highly Sensitive and Selective Colorimetric Detection of Methylmercury Based on DNA Functionalized Gold Nanoparticles. Sensors, 2018, 18, 2679.	3.8	15
17	Botryoid-shaped nanoparticles-enhanced ELISA for ochratoxin A. Food and Agricultural Immunology, 2017, 28, 299-309.	1.4	7
18	Colorimetric Detection of Copper Ions Based on Surface Modification of Silver/Platinum Cluster Nanozyme. Chinese Journal of Analytical Chemistry, 2017, 45, 471-476.	1.7	26

#	Article	IF	Citations
19	Colorimetric detection of thiocyanate based on inhibiting the catalytic activity of cystine-capped core-shell Au@Pt nanocatalysts. Talanta, 2017, 175, 114-120.	5.5	41
20	Colorimetric assay for the simultaneous detection of Hg²⁺ and Ag⁺ based on inhibiting the peroxidase-like activity of coreâ€“shell Au@Pt nanoparticles. Analytical Methods, 2017, 9, 4363-4370.	2.7	35
21	Colorimetric determination of cysteine by exploiting its inhibitory action on the peroxidase-like activity of Au@Pt core-shell nanohybrids. Mikrochimica Acta, 2017, 184, 65-72.	5.0	50
22	A Highly Sensitive Colorimetric Method for Copper Ions Detection Based on Controlling the Peroxidase-like Activity of Au@Pt Nanocatalysts. Analytical Sciences, 2017, 33, 321-325.	1.6	13
23	Colorimetric assay of l-cysteine based on peroxidase-mimicking DNA-Ag/Pt nanoclusters. Sensors and Actuators B: Chemical, 2016, 235, 110-116.	7.8	75
24	Colorimetric detection of Hg²⁺ based on inhibiting the peroxidase-like activity of DNAâ€“Ag/Pt nanoclusters. RSC Advances, 2016, 6, 75384-75389.	3.6	49
25	Highly sensitive colorimetric detection of copper ions based on regulating the peroxidase-like activity of Au@Pt nanohybrids. Analytical Methods, 2016, 8, 7531-7536.	2.7	17
26	Determination of Bisphenol A by a Gold Nanoflower Enhanced Enzyme-Linked Immunosorbent Assay. Analytical Letters, 2016, 49, 1492-1501.	1.8	17
27	Highly sensitive and selective colorimetric detection of Hg2+ based on the separation of Hg2+ and formation of catalytic DNAâ€“gold nanoparticles. Analytical Methods, 2016, 8, 1021-1025.	2.7	11
28	Preparation of a fluorescent silver nanoprismâ€“dye complex for detection of hydrogen peroxide in milk. Analytical Methods, 2015, 7, 9749-9752.	2.7	11
29	Shape-Controlled Generation of Gold Nanoparticles Assisted by Dual-Molecules: The Development of Hydrogen Peroxide and Oxidase-Based Biosensors. Journal of Nanomaterials, 2014, 2014, 1-7.	2.7	10
30	Fragment-based hapten design and screening of a highly sensitive and specific monoclonal antibody for ractopamine. Analytical Methods, 2014, 6, 229-234.	2.7	23
31	Highly sensitive â€œsignal onâ€•plasmonic ELISA for small molecules by the naked eye. Analytical Methods, 2014, 6, 9616-9621.	2.7	23
32	Highly sensitive nano-ELISA for detecting 19-nortestosterone in beef. Food and Agricultural Immunology, 2014, 25, 423-431.	1.4	10
33	Recent trends in SELEX technique and its application to food safety monitoring. Mikrochimica Acta, 2014, 181, 479-491.	5.0	86
34	Structure-specific hapten design for the screening of highly sensitive and specific monoclonal antibody to salbutamol. Analytical Methods, 2014, 6, 4228-4233.	2.7	16
35	Electrochemical aptasensor for the determination of bisphenol A in drinking water. Mikrochimica Acta, 2013, 180, 109-115.	5.0	89
36	Parts Per Trillion Detection of 7-Aminonitrazepam by Nano-Enhanced ELISA. International Journal of Molecular Sciences, 2013, 14, 19474-19483.	4.1	8

#	Article	IF	Citations
37	A One-Step Homogeneous Sandwich Immunosensor for Salmonella Detection Based on Magnetic Nanoparticles (MNPs) and Quantum Dots (QDs). International Journal of Molecular Sciences, 2013, 14, 8603-8610.	4.1	58
38	Ultrasensitive Nano-ELISA for Detecting Sulfadimethoxine in Chicken Tissue. Journal of Chemistry, 2013, 2013, 1-5.	1.9	9
39	Gold nanorodassembly based approach to toxin detection by SERS. Journal of Materials Chemistry, 2012, 22, 2387-2391.	6.7	97
40	Systematic comparisons of genetically modified organism DNA separation and purification by various functional magnetic nanoparticles. International Journal of Food Science and Technology, 2012, 47, 910-917.	2.7	10
41	Controllable preparation of highly active horseradish peroxidase-gold nanoparticle bionanoconjugate. Polish Journal of Chemical Technology, 2012, 14, 57-60.	0.5	0
42	Crown ether assembly of gold nanoparticles: Melamine sensor. Biosensors and Bioelectronics, 2011, 26, 2032-2037.	10.1	128
43	Rapid Determination of Clenbuterol in Urine by a Competitive Bead Immunoassay Based on Luminex Technology. Immunological Investigations, 2011, 40, 14-28.	2.0	3
44	A new development of measurement of 19-Nortestosterone by combining immunochromatographic strip assay and ImageJ software. Food and Agricultural Immunology, 2009, 20, 1-10.	1.4	17
45	Ultrasensitive immunoassay of 7-aminoclonazepam in human urine based on CdTe nanoparticle bioconjugations by fabricated microfluidic chip. Biosensors and Bioelectronics, 2009, 24, 2051-2056.	10.1	45
46	Simultaneous and sensitive determination of multiplex chemical residues based on multicolor quantum dot probes. Biosensors and Bioelectronics, 2009, 24, 3657-3662.	10.1	99
47	Gold nanoparticle-based immunochromatographic assay for the detection of 7-aminoclonazepam in urine. International Journal of Environmental Analytical Chemistry, 2009, 89, 261-268.	3.3	12
48	Development of a sensitive heterologous ELISA method for analysis of acetylgestagen residues in animal fat. Food Chemistry, 2008, 109, 647-653.	8.2	36
49	Analytical Methods for the Detection of Corticosteroids-Residues in Animal-Derived Foodstuffs. Critical Reviews in Analytical Chemistry, 2008, 38, 227-241.	3.5	19
50	Production of new class-specific polyclonal antibody for determination of fluoroquinolones antibiotics by indirect competitive ELISA. Food and Agricultural Immunology, 2008, 19, 251-264.	1.4	41
51	Development of colloidal gold-based immumochromatographic assay for the rapid detection of medroxyprogesterone acetate residues in biological materials. International Journal of Environmental Analytical Chemistry, 2007, 87, 275-283.	3.3	0
52	Determination of medroxyprogesterone acetate residues by CE immunoassay with chemiluminescence detection. Electrophoresis, 2007, 28, 970-974.	2.4	21
53	Immumochromatographic assay for determination of hexoestrol residues. European Food Research and Technology, 2007, 225, 743-747.	3.3	5
54	Development and optimization of an indirect enzyme-linked immunosorbent assay for the determination of Hexoestrol. Food and Agricultural Immunology, 2006, 17, 157-171.	1.4	4

#	Article	IF	Citations
55	Development of colloidal gold-based immunochromatographic assay for the rapid detection of medroxyprogesterone acetate residues. Food and Agricultural Immunology, 2006, 17, 183-190.	1.4	12
56	Separation and identification of synthetic antigens of hexoestrol residue in animal derived food by HPLC-MS. Food and Agricultural Immunology, 2006, 17, 21-27.	1.4	8