

An-Ping Deng

List of Publications by Year in descending order

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45
papers

1,527
citations

279798

23
h-index

302126

39
g-index

45
all docs

45
docs citations

45
times ranked

1607
citing authors

#	ARTICLE	IF	CITATIONS
1	Concatenated Catalytic Hairpin Assembly/Hyperbranched Hybridization Chain Reaction Based Enzyme-Free Signal Amplification for the Sensitive Photoelectrochemical Detection of Human Telomerase RNA. <i>Analytical Chemistry</i> , 2019, 91, 3619-3627.	6.5	129
2	Residue Analysis of the Pharmaceutical Diclofenac in Different Water Types Using ELISA and GC-MS. <i>Environmental Science & Technology</i> , 2003, 37, 3422-3429.	10.0	124
3	Development of a highly sensitive and specific monoclonal antibody-based enzyme-linked immunosorbent assay (ELISA) for detection of Sudan I in food samples. <i>Talanta</i> , 2009, 77, 1783-1789.	5.5	106
4	Development of a Highly Sensitive and Specific Enzyme-Linked Immunosorbent Assay for Detection of Sudan I in Food Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 6424-6430.	5.2	79
5	Highly sensitive and specific determination of mercury(II) ion in water, food and cosmetic samples with an ELISA based on a novel monoclonal antibody. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 2519-2528.	3.7	74
6	Ultrasensitive and Quantitative Detection of a New β -Agonist Phenylethanolamine A by a Novel Immunochromatographic Assay Based on Surface-Enhanced Raman Scattering (SERS). <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 10896-10902.	5.2	68
7	Development of a highly sensitive and specific enzyme-linked immunosorbent assay (ELISA) for the detection of phenylethanolamine A in tissue and feed samples and confirmed by liquid chromatography tandem mass spectrometry (LC-MS/MS). <i>Talanta</i> , 2013, 115, 624-630.	5.5	63
8	Ultrasensitive detection of the β -adrenergic agonist brombuterol by a SERS-based lateral flow immunochromatographic assay using flower-like gold-silver core-shell nanoparticles. <i>Mikrochimica Acta</i> , 2017, 184, 1711-1719.	5.0	57
9	Ultrasensitive QDs based electrochemiluminescent immunosensor for detecting ractopamine using AuNPs and Au nanoparticles@PDDA-graphene as amplifier. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 121-129.	7.8	53
10	Highly sensitive electrochemiluminescent immunosensor based on gold nanoparticles-functionalized zinc oxide nanorod and poly(amidoamine)-graphene for detecting brombuterol. <i>Biosensors and Bioelectronics</i> , 2016, 86, 899-906.	10.1	52
11	Enzyme-Free Photoelectrochemical Biosensor Based on the Co-Sensitization Effect Coupled with Dual Cascade Toehold-Mediated Strand Displacement Amplification for the Sensitive Detection of MicroRNA-21. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 11633-11641.	6.7	42
12	Ultrasensitive detection of diclofenac in water samples by a novel surface-enhanced Raman scattering (SERS)-based immunochromatographic assay using AgMBA@SiO ₂ -Ab as immunoprobe. <i>Sensors and Actuators B: Chemical</i> , 2019, 283, 563-570.	7.8	41
13	Efficient enhancement of electrochemiluminescence from tin disulfide quantum dots by hollow titanium dioxide spherical shell for highly sensitive detection of chloramphenicol. <i>Biosensors and Bioelectronics</i> , 2020, 147, 111790.	10.1	41
14	A competitive immunoassay for ultrasensitive detection of Hg ²⁺ in water, human serum and urine samples using immunochromatographic test based on surface-enhanced Raman scattering. <i>Analytica Chimica Acta</i> , 2016, 906, 139-147.	5.4	36
15	Electrochemiluminescence resonance energy transfer system between non-toxic SnS ₂ quantum dots and ultrathin Ag@Au nanosheets for chloramphenicol detection. <i>Chemical Engineering Journal</i> , 2020, 392, 123670.	12.7	36
16	Multiple signal amplification electrochemiluminescent immunoassay for Sudan I using gold nanorods functionalized graphene oxide and palladium/aurum core-shell nanocrystallines as labels. <i>Electrochimica Acta</i> , 2018, 278, 352-362.	5.2	33
17	Development and validation of a highly sensitive ELISA for the determination of pharmaceutical indomethacin in water samples. <i>Talanta</i> , 2007, 73, 380-386.	5.5	31
18	A femtogram level competitive immunoassay of mercury(^{II}) based on surface-enhanced Raman spectroscopy. <i>Chemical Communications</i> , 2014, 50, 9112-9114.	4.1	30

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19	Ultrasensitive electrochemiluminescent brombuterol immunoassay by applying a multiple signal amplification strategy based on a PAMAM-gold nanoparticle conjugate as the bioprobe and Ag@Au core shell nanoparticles as a substrate. <i>Mikrochimica Acta</i> , 2017, 184, 3415-3423.	5.0	28
20	Development of a monoclonal antibody based-ELISA for the detection of chloramphenicol in shrimp, feed and milk samples and validation by LC-MS/MS coupled with immunoaffinity clean-up. <i>Analytical Methods</i> , 2019, 11, 507-516.	2.7	27
21	An ultrasensitive competitive immunochromatographic assay (ICA) based on surface-enhanced Raman scattering (SERS) for direct detection of 3-amino-5-methylmorpholino-2-oxazolidinone (AMOZ) in tissue and urine samples. <i>Sensors and Actuators B: Chemical</i> , 2015, 211, 551-558.	7.8	26
22	Multiple signal amplified electrochemiluminescent immunoassay for brombuterol detection using gold nanoparticles and polyamidoamine dendrimers-silver nanoribbon. <i>Analytica Chimica Acta</i> , 2016, 945, 85-94.	5.4	26
23	Direct detection of 3-amino-5-methylmorpholino-2-oxazolidinone (AMOZ) in food samples without derivatisation step by a sensitive and specific monoclonal antibody based ELISA. <i>Food Chemistry</i> , 2012, 135, 1330-1336.	8.2	25
24	A novel electrochemiluminescent immunoassay for diclofenac using conductive polymer functionalized graphene oxide as labels and gold nanorods as signal enhancers. <i>Talanta</i> , 2019, 193, 184-191.	5.5	24
25	A quantum dot based electrochemiluminescent immunosensor for the detection of pg level phenylethanolamine A using gold nanoparticles as substrates and electron transfer accelerators. <i>Analyst</i> , The, 2014, 139, 4365-4372.	3.5	22
26	Ultrasensitive detection of diclofenac based on electrochemiluminescent immunosensor with multiple signal amplification strategy of palladium attached graphene oxide as bioprobes and ceria doped zinc oxide as substrates. <i>Sensors and Actuators B: Chemical</i> , 2018, 268, 411-420.	7.8	21
27	Dual-signal amplified electrochemiluminescence immunoassay for salbutamol based on quantum dots and gold nanoparticle-labeled horseradish peroxidase. <i>Analyst</i> , The, 2015, 140, 5885-5890.	3.5	20
28	Ultrasensitive and Specific Detection of Salbutamol in Swine Feed, Meat, and Urine Samples by a Competitive Immunochromatographic Test Integrated with Surface-Enhanced Raman Scattering. <i>Food Analytical Methods</i> , 2016, 9, 3396-3406.	2.6	20
29	Development of a sensitive monoclonal antibody-based ELISA for the determination of a β^2 -adrenergic agonist brombuterol in swine meat, liver and feed samples. <i>Analytical Methods</i> , 2016, 8, 6941-6948.	2.7	18
30	Ultrasensitive electrochemiluminescent salbutamol immunoassay with dual-signal amplification using CdSe@SiO ₂ as label and gold nanoparticles as substrate. <i>Mikrochimica Acta</i> , 2017, 184, 961-968.	5.0	17
31	Development of a highly sensitive and specific monoclonal antibody based enzyme-linked immunosorbent assay for the detection of a new β^2 -agonist, phenylethanolamine A, in food samples. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 1001-1009.	3.5	16
32	Sensitive and specific detection of a new β^2 -agonist brombuterol in tissue and feed samples by a competitive polyclonal antibody based ELISA. <i>Analytical Methods</i> , 2016, 8, 3578-3586.	2.7	15
33	Ultrasensitive Electrochemiluminescent Competitive Immunoassay for β^2 -Adrenergic Agonist Salbutamol Based on Quantum Dots and Enzymatic Amplification. <i>Journal of the Electrochemical Society</i> , 2016, 163, B62-B67.	2.9	15
34	Multichannel electroanalytical devices for competitive ELISA of phenylethanolamine A. <i>Biosensors and Bioelectronics</i> , 2018, 99, 21-27.	10.1	12
35	A SERS-based competitive immunoassay using highly ordered gold cavity arrays as the substrate for simultaneous detection of β^2 -adrenergic agonists. <i>Sensors and Actuators B: Chemical</i> , 2021, 345, 130230.	7.8	12
36	Development of a label-free and reagentless plasmonic immunosensor for the detection of salbutamol. <i>Analytical Methods</i> , 2013, 5, 5222.	2.7	11

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37	A sensitive and group-specific monoclonal antibody-based indirect competitive ELISA for the determination of salbutamol in swine meat and liver samples. <i>Analytical Methods</i> , 2017, 9, 5806-5815.	2.7	11
38	Multiple signal amplification chemiluminescence immunoassay for chloramphenicol using functionalized SiO ₂ nanoparticles as probes and resin beads as carriers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 222, 117177.	3.9	11
39	Simultaneous detection of plant growth regulators jasmonic acid and methyl jasmonate in plant samples by a monoclonal antibody-based ELISA. <i>Analyst, The</i> , 2020, 145, 4004-4011.	3.5	11
40	An electrochemiluminescence energy resonance transfer system for highly sensitive detection of brombuterol. <i>Talanta</i> , 2021, 223, 121687.	5.5	10
41	Quantitative and ultrasensitive detection of brombuterol by a surface-enhanced Raman scattering (SERS)-based lateral flow immunochromatographic assay (FLIA) using Ag ^{MBA} @Au-Ab as an immunoprobe. <i>Analyst, The</i> , 2021, 146, 296-304.	3.5	8
42	Peroxydisulfate/oxygen system-based electrochemiluminescent immunosensing of Hg ²⁺ using Pt/Pd nanodendrites-thiosemicarbazide/norfloxacin as a signal enhancer. <i>Analyst, The</i> , 2019, 144, 1590-1599.	3.5	7
43	A simple and sensitive flow injection chemiluminescence immunoassay for chloramphenicol based on gold nanoparticle-loaded enzyme. <i>Luminescence</i> , 2020, 35, 877-884.	2.9	7
44	Simultaneous detection of three amphenicol antibiotics in shrimp and surface water samples by LC-MS/MS using two-antibodies-immobilized immunoaffinity clean-up technique. <i>Food and Agricultural Immunology</i> , 2021, 32, 283-297.	1.4	7
45	Development of a highly sensitive and specific monoclonal antibody-based ELISA coupled with immuno-affinity extraction for the detection of anticancer drug 5-fluorouracil in blood samples. <i>Talanta</i> , 2022, 249, 123655.	5.5	5