

Yanhua Chen

List of Publications by Year in descending order

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43
papers

1,173
citations

361413

20
h-index

377865

34
g-index

44
all docs

44
docs citations

44
times ranked

1682
citing authors

#	ARTICLE	IF	CITATIONS
1	Studies on the interaction of colloidal gold and serum albumins by spectral methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 62, 1203-1208.	3.9	110
2	A facile, green synthesis of biomass carbon dots coupled with molecularly imprinted polymers for highly selective detection of oxytetracycline. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 69, 455-463.	5.8	104
3	Determination of mercury(II) by surface-enhanced Raman scattering spectroscopy based on thiol-functionalized silver nanoparticles. <i>Mikrochimica Acta</i> , 2012, 177, 341-348.	5.0	100
4	High performance Au/Ag core/shell bipyramids for determination of thiram based on surface-enhanced Raman scattering. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1374-1380.	2.5	67
5	Investigation on the pH-dependent binding of Eosin Y and bovine serum albumin by spectral methods. <i>Journal of Luminescence</i> , 2007, 127, 515-522.	3.1	62
6	Microwave-assisted synthesis of carbon dots for "turn-on" fluorometric determination of Hg(II) via aggregation-induced emission. <i>Mikrochimica Acta</i> , 2018, 185, 252.	5.0	56
7	Preparation of magnetic superhydrophilic molecularly imprinted composite resin based on multi-walled carbon nanotubes to detect triazines in environmental water. <i>Chemical Engineering Journal</i> , 2018, 334, 2293-2302.	12.7	52
8	Spectrophotometric determination of mercury(II) ion using gold nanorod as probe. <i>Sensors and Actuators B: Chemical</i> , 2012, 166-167, 766-771.	7.8	49
9	Microwave-assisted synthesis of highly luminescent N- and S-co-doped carbon dots as a ratiometric fluorescent probe for levofloxacin. <i>Mikrochimica Acta</i> , 2018, 185, 104.	5.0	42
10	Preparation of magnetic superhydrophilic molecularly imprinted resins for detection of triazines in aqueous samples. <i>Journal of Chromatography A</i> , 2017, 1497, 38-46.	3.7	38
11	A sensitive localized surface plasmon resonance sensor for determining mercury(II) ion using noble metal nanoparticles as probe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 95, 276-281.	3.9	36
12	Determination of melamine and malachite green by surface-enhanced Raman scattering spectroscopy using starch-coated silver nanoparticles as substrates. <i>Analytical Methods</i> , 2015, 7, 8116-8122.	2.7	34
13	Aqueous two-phase extraction for determination of triazine herbicides in milk by high-performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 972, 111-116.	2.3	28
14	Application of silver nanoparticles decorated with β -cyclodextrin in determination of 6-mercaptopurine by surface-enhanced Raman spectroscopy. <i>Analytical Methods</i> , 2015, 7, 6520-6527.	2.7	27
15	Determination of triazine herbicides from honey samples based on hydrophilic molecularly imprinted resins followed by high performance liquid chromatography-tandem mass spectrometry. <i>RSC Advances</i> , 2016, 6, 98663-98673.	3.6	26
16	Microwave-assisted facile synthesis of polymer dots as a fluorescent probe for detection of cobalt(II) and manganese(II). <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 2373-2381.	3.7	24
17	Au@Ag@Au double shell nanoparticles-based localized surface plasmon resonance and surface-enhanced Raman scattering biosensor for sensitive detection of 2-mercapto-1-methylimidazole. <i>Talanta</i> , 2013, 117, 203-208.	5.5	23
18	Molecularly imprinted electrospun nanofibre membrane assisted stir bar sorptive extraction for trace analysis of sulfonamides from animal feeds. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 96, 382-389.	5.8	22

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19	Selective determination of sulfonamides from environmental water based on magnetic surface molecularly imprinting technology. <i>Environmental Science and Pollution Research</i> , 2017, 24, 9174-9186.	5.3	20
20	Dynamic microwave assisted extraction coupled with matrix solid phase dispersion for the determination of chlorfenapyr and abamectin in rice by LC-MS/MS. <i>Microchemical Journal</i> , 2017, 133, 404-411.	4.5	20
21	Resonance light scattering technique for the determination of proteins with polymethacrylic acid (PMAA). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 67, 1126-1130.	3.9	19
22	Determination of bovine serum albumin using resonance light scattering technique with sodium dodecylbenzene sulphonate-cetyltrimethylammonium bromide probe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 573-577.	3.9	18
23	SERS assay for pyrophosphate based on its competitive binding to Cu(II) ion on silver nanoparticles modified with cysteine and rhodamine 6G. <i>Mikrochimica Acta</i> , 2017, 184, 595-601.	5.0	16
24	Acousto-optic tunable filter-surface plasmon resonance immunosensor for fibronectin. <i>Analytica Chimica Acta</i> , 2005, 551, 98-104.	5.4	15
25	Determination of the sodium 2-mercaptoethanesulfonate based on surface-enhanced Raman scattering. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 81, 578-582.	3.9	15
26	Microwave-assisted rapid preparation of monodisperse superhydrophilic resin microspheres as adsorbent for triazines in fruit juices. <i>Talanta</i> , 2018, 179, 734-741.	5.5	15
27	Electrochemiluminescence of water-dispersed nitrogen and sulfur doped carbon dots synthesized from amino acids. <i>Analyst</i> , 2021, 146, 5287-5293.	3.5	14
28	Investigation on hyperin-cetyltrimethylammonium bromide-fibronectin system by resonance light-scattering technique. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 52-57.	3.9	13
29	Determination of Sulfonylurea Herbicides in Pears Using Hollow Fiber-Protected Magnetized Solvent-Bar Liquid-Phase Microextraction HPLC. <i>Chromatographia</i> , 2014, 77, 1283-1290.	1.3	12
30	Determination of serum albumin in the presence of poly(diallyldimethylammonium chloride) by resonance light scattering technique. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 1011-1015.	3.9	11
31	Determination of DNA based on localized surface plasmon resonance light scattering using unmodified gold bipyramids. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 81, 769-773.	3.9	11
32	Determination of human complement factor C4 using resonance light-scattering technique with sodium dodecylbenzene sulphonate probe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 64, 430-434.	3.9	9
33	A DNA biosensor based on resonance light scattering using unmodified gold bipyramids. <i>Mikrochimica Acta</i> , 2012, 178, 131-137.	5.0	9
34	Fabrication of dual responsive imprinted materials of magnetic and solvent and their solvent-regulated binding performance for bisphenol A. <i>Chemical Engineering Journal</i> , 2021, 425, 131605.	12.7	9
35	Investigation on the interaction between colloidal gold and human complement factor 4 at different pH by spectral methods. <i>Colloids and Surfaces B: Biointerfaces</i> , 2006, 47, 71-77.	5.0	8
36	Hydrophilic crosslinking agent-incorporated magnetic imprinted materials with enhanced selectivity for sulfamethazine adsorption. <i>Separation and Purification Technology</i> , 2021, 276, 119302.	7.9	8

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37	Sensitive detection of levofloxacin and copper (II) based on fluorescence "turn on-off" of biomass carbonized polymer dots. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 114, 288-296.	5.8	8
38	Determination of chlorpyrifos in soils using multi-throughput dynamic microwave-assisted extraction coupled online with salting-out-assisted liquid-liquid extraction followed by LC-MS/MS. <i>International Journal of Environmental Analytical Chemistry</i> , 2016, 96, 1440-1454.	3.3	5
39	Highly sensitive analysis strategies of microRNAs based on electrochemiluminescence. <i>Current Opinion in Electrochemistry</i> , 2022, 32, 100901.	4.8	5
40	Simple and rapid surface-enhanced Raman Spectroscopy assay for safranin T and its application in highly sensitive determination of mercury (â...j). <i>International Journal of Environmental Analytical Chemistry</i> , 2017, 97, 1178-1191.	3.3	4
41	Synthesis of hyperbranched copolymers by combining enzymatic ring-opening polymerization and ATRP from a novel bifunctional initiator. <i>Science Bulletin</i> , 2006, 51, 2706-2709.	1.7	2
42	Spectrophotometric Determination of Human Immunoglobulin G Based on Enlargement of Gold Nanoparticles. <i>Chinese Journal of Chemistry</i> , 2009, 27, 2363-2367.	4.9	2
43	High-throughput dynamic microwave-assisted extraction coupled with liquid-liquid extraction for analysis of tetrabromobisphenol A in soil. <i>Analytical Methods</i> , 2016, 8, 8015-8021.	2.7	2