John H T Luong

List of Publications by Year in descending order

292 papers	19,060 citations	10986 71 h-index	13771 129 g-index
294 all docs	294 docs citations	294 times ranked	22229 citing authors

#	Article	IF	Citations
1	Polydopamine decorated carbon dots nanocomposite as an effective adsorbent for phenolic compounds. Journal of Applied Polymer Science, 2022, 139, 51769.	2.6	3
2	Antimicrobial Activities of Conducting Polymers and Their Composites. Macromol, 2022, 2, 78-99.	4.4	24
3	Cellulose Nanocrystals (CNC)-Based Functional Materials for Supercapacitor Applications. Nanomaterials, 2022, 12, 1828.	4.1	15
4	Rapid Nanomolar Detection of Guaiacol from its Precursors Using a Coreâ€shell Reversedâ€phase Column Coupled with a Boronâ€doped Diamond Electrode. Electroanalysis, 2021, 33, 766-773.	2.9	3
5	Fundamental aspects of protein isolation and purification. , 2021, , 23-58.		0
6	Green Synthesis of Multifunctional Carbon Dots with Antibacterial Activities. Nanomaterials, 2021, 11, 369.	4.1	69
7	Electroanalysis of Benzalkonium Chloride in Ophthalmic Formulation by Boronâ€doped Diamond Electrode. Electroanalysis, 2021, 33, 1137-1142.	2.9	5
8	Photocatalytic Degradation of Organic Dyes and Antimicrobial Activities by Polyanilineâ€“Nitrogen-Doped Carbon Dot Nanocomposite. Nanomaterials, 2021, 11, 1128.	4.1	31
9	Biocompatible N-doped carbon dots for the eradication of methicillin-resistant S. aureus (MRSA) and sensitive analysis for europium (III). Nano Structures Nano Objects, 2021, 26, 100724.	3.5	10
10	Point-of-Care PCR Assays for COVID-19 Detection. Biosensors, 2021, 11, 141.	4.7	73
11	Facile ultrasonic preparation of a polypyrrole membrane as an absorbent for efficient oil-water separation and as an antimicrobial agent. Ultrasonics Sonochemistry, 2021, 78, 105746.	8.2	10
12	Analytical and biosensing platforms for insulin: A review. Sensors and Actuators Reports, 2021, 3, 100028.	4.4	21
13	Perspectives on electrochemical biosensing of COVID-19. Current Opinion in Electrochemistry, 2021, 30, 100794.	4.8	19
14	A Chemosensor Based on Gold Nanoparticles and Dithiothreitol (DTT) for Acrylamide Electroanalysis. Nanomaterials, 2021, 11, 2610.	4.1	3
15	Microbial inhibition and biosensing with multifunctional carbon dots: Progress and perspectives. Biotechnology Advances, 2021, 53, 107843.	11.7	24
16	Simultaneous Electroanalysis of Guaiacol and its Analogs Based on their Differential Complexation with Î±â€CyclodextrinÂon Nafion Modified Boronâ€doped Diamond Electrode. Electroanalysis, 2020, 32, 119-127.	2.9	11
17	Sonochemical preparation of polyaniline@TiO2 and polyaniline@SiO2 for the removal of anionic and cationic dyes. Ultrasonics Sonochemistry, 2020, 62, 104864.	8.2	33
18	Chemistry of Biotinâ€“Streptavidin and the Growing Concern of an Emerging Biotin Interference in Clinical Immunoassays. ACS Omega, 2020, 5, 10-18.	3.5	45

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19	Profiling of phenolic flavorings using core-shell reversed-phase liquid chromatography with electrochemical detection at a boron-doped diamond electrode. Journal of Chromatography A, 2020, 1612, 460649.	3.7	9
20	Antimicrobial Activities of Zn-Doped CuO Microparticles Decorated on Polydopamine against Sensitive and Antibiotic-Resistant Bacteria. ACS Applied Polymer Materials, 2020, 2, 5878-5888.	4.4	38
21	Simultaneous Analysis of Hydroquinone, Arbutin, and Ascorbyl Glucoside Using a Nanocomposite of Ag@AgCl Nanoparticles, Ag2S Nanoparticles, Multiwall Carbon Nanotubes, and Chitosan. Nanomaterials, 2020, 10, 1583.	4.1	12
22	Antimicrobial Properties of the Polyaniline Composites against Pseudomonas aeruginosa and Klebsiella pneumoniae. Journal of Functional Biomaterials, 2020, 11, 59.	4.4	14
23	Applications of N-Doped Carbon Dots as Antimicrobial Agents, Antibiotic Carriers, and Selective Fluorescent Probes for Nitro Explosives. ACS Applied Bio Materials, 2020, 3, 8023-8031.	4.6	86
24	Antimicrobial Properties of Polyaniline and Polypyrrole Decorated with Zinc-Doped Copper Oxide Microparticles. Polymers, 2020, 12, 1286.	4.5	38
25	Electroanalysis of Gallic and Ellagic Acids at a Boronâ€doped Diamond Electrode Coupled with Highâ€performance Liquid Chromatography. Electroanalysis, 2020, 32, 2027-2035.	2.9	5
26	Nitrogen-Enriched Porous Benzimidazole-Linked Polymeric Network for the Adsorption of La (III), Ce (III), and Nd (III). Journal of Physical Chemistry C, 2020, 124, 6206-6214.	3.1	13
27	Silica-Supported Nitrogen-Enriched Porous Benzimidazole-Linked and Triazine-Based Polymers for the Adsorption of CO₂. Langmuir, 2020, 36, 4280-4288.	3.5	8
28	Antibacterial activities of microwave-assisted synthesized polypyrrole/chitosan and poly (pyrrole-N-(1-naphthyl) ethylenediamine) stimulated by C-dots. Carbohydrate Polymers, 2020, 243, 116474.	10.2	36
29	Recent Advances of Conducting Polymers and Their Composites for Electrochemical Biosensing Applications. Journal of Functional Biomaterials, 2020, 11, 71.	4.4	35
30	Electrochemical sensing of histamine using a glassy carbon electrode modified with multiwalled carbon nanotubes decorated with Ag-Ag2O nanoparticles. Mikrochimica Acta, 2019, 186, 714.	5.0	35
31	Kinetic, isotherm and mechanism studies of organic dye adsorption on poly(4,4â€²-oxybisbenzenamine) and copolymer of poly(4,4â€²-oxybisbenzenamine-pyrrole) macro-nanoparticles synthesized by multifunctional carbon dots. New Journal of Chemistry, 2019, 43, 1926-1935.	2.8	39
32	Biotin interference in immunoassays based on biotin-strept(avidin) chemistry: An emerging threat. Biotechnology Advances, 2019, 37, 634-641.	11.7	55
33	Point-of-Care Technologies Enabling Next-Generation Healthcare Monitoring and Management. , 2019, , .		10
34	Captavidin as a regenerable biorecognition element on boron-doped diamond for biotin sensing. Analytica Chimica Acta, 2019, 1059, 42-48.	5.4	18
35	An Overview of Point-of-Care Technologies Enabling Next-Generation Healthcare Monitoring and Management. , 2019, , 1-25.		5
36	Smartphone-Based Point-of-Care Technologies for Mobile Healthcare. , 2019, , 27-79.		7

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37	Commercially Available Smartphone-Based Personalized Mobile Healthcare Technologies. , 2019, , 81-115.		3
38	Bioanalytical Parameters in Immunoassays and Their Determination. , 2019, , 197-208.		0
39	Future Trends for the Next Generation of Personalized and Integrated Healthcare for Chronic Diseases. , 2019, , 209-223.		0
40	Antibacterial Activity against Methicillin-Resistant Staphylococcus aureus of Colloidal Polydopamine Prepared by Carbon Dot Stimulated Polymerization of Dopamine. Nanomaterials, 2019, 9, 1731.	4.1	36
41	Cysteamine Capped Silver Nanoparticles and Singleâ€walled Carbon Nanotubes Composite Coated on Glassy Carbon Electrode for Simultaneous Analysis of Hydroquinone and Catechol. Electroanalysis, 2018, 30, 962-968.	2.9	9
42	Silver-doped CdS quantum dots incorporated into chitosan-coated cellulose as a colorimetric paper test stripe for mercury. Mikrochimica Acta, 2018, 185, 126.	5.0	21
43	Rapid Electrochemical Detection of Pseudomonas aeruginosa Signaling Molecules by Boron-Doped Diamond Electrode. Methods in Molecular Biology, 2018, 1673, 107-116.	0.9	9
44	Ecoâ€Friendly and Facile Preparation of Spherical Chitin Nanoparticles. ChemistrySelect, 2018, 3, 10787-10791.	1.5	4
45	Antibody Immobilization and Surface Functionalization Chemistries for Immunodiagnostics. , 2018, , 19-46.		13
46	Bioanalytical Requirements and Regulatory Guidelines for Immunoassays. , 2018, , 81-95.		20
47	Enzyme-Linked Immunoassays. , 2018, , 97-127.		10
48	Microcantilever-Based Sensors. , 2018, , 305-332.		7
49	Quartz Crystal Microbalanceâ€“Based Sensors. , 2018, , 333-357.		5
50	Lab-on-a-Chip (LOC) Immunoassays. , 2018, , 415-431.		2
51	Smartphone-Based Immunoassays. , 2018, , 433-453.		8
52	Immunoassays. , 2018, , 455-466.		17
53	Immunoassays. , 2018, , 1-18.		15
54	Kinetics, Isotherm, and Thermodynamic Studies of Methylene Blue Adsorption on Polyaniline and Polypyrrole Macroâ€“Nanoparticles Synthesized by C-Dot-Initiated Polymerization. ACS Omega, 2018, 3, 7196-7203.	3.5	94

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55	Wearable Technologies for Personalized Mobile Healthcare Monitoring and Management. , 2018, , 235-259.		6
56	Electrochemical Sensing of Biotin Using Nafion-Modified Boron-Doped Diamond Electrode. ACS Omega, 2018, 3, 7776-7782.	3.5	27
57	Simultaneous chemosensing of tryptophan and the bacterial signal molecule indole by boron doped diamond electrode. Electrochimica Acta, 2018, 282, 845-852.	5.2	6
58	Future POCT systems. , 2018, , 413-420.		0
59	POCT in international development cooperation. , 2018, , 337-342.		0
60	Immunosensing procedures for carcinoembryonic antigen using graphene and nanocomposites. Biosensors and Bioelectronics, 2017, 89, 293-304.	10.1	31
61	Emerging Human Fetuin A Assays for Biomedical Diagnostics. Trends in Biotechnology, 2017, 35, 407-421.	9.3	15
62	A Smartphone-Based Colorimetric Reader for Human C-Reactive Protein Immunoassay. Methods in Molecular Biology, 2017, 1571, 343-356.	0.9	8
63	Achievement and assessment of direct electron transfer of glucose oxidase in electrochemical biosensing using carbon nanotubes, graphene, and their nanocomposites. Mikrochimica Acta, 2017, 184, 369-388.	5.0	98
64	Direct and Rapid Electrochemical Detection of Pseudomonas aeruginosa Quorum Signaling Molecules in Bacterial Cultures and Cystic Fibrosis Sputum Samples through Cationic Surfactantâ€Assisted Membrane Disruption. ChemElectroChem, 2017, 4, 533-541.	3.4	19
65	A rapid and highly sensitive immunoassay format for human lipocalin-2 using multiwalled carbon nanotubes. Biosensors and Bioelectronics, 2017, 93, 198-204.	10.1	6
66	ZukÃ¼nftige POCT-Systeme. , 2017, , 415-422.		0
67	POCT in der Entwicklungszusammenarbeit. , 2017, , 337-342.		0
68	Trends in in vitro diagnostics and mobile healthcare. Biotechnology Advances, 2016, 34, 137-138.	11.7	32
69	Preparation and Catalytic Activity of Thermosensitive Ga₂O₃ Nanorods. Energy & Fuels, 2016, 30, 7419-7427.	5.1	20
70	Surface plasmon resonance-based immunoassay for procalcitonin. Analytica Chimica Acta, 2016, 938, 129-136.	5.4	32
71	Synthesis and electrochemical detection of a thiazolyl-indole natural product isolated from the nosocomial pathogen Pseudomonas aeruginosa. Analytical and Bioanalytical Chemistry, 2016, 408, 6361-6367.	3.7	13
72	Molecular Signature of Pseudomonas aeruginosa with Simultaneous Nanomolar Detection of Quorum Sensing Signaling Molecules at a Boron-Doped Diamond Electrode. Scientific Reports, 2016, 6, 30001.	3.3	55

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73	Fluorometric determination of hydrogen sulfide via silver-doped CdS quantum dots in solution and in a test strip. Mikrochimica Acta, 2016, 183, 1243-1249.	5.0	16
74	Physicochemical properties of functionalized carbon-based nanomaterials and their toxicity to fishes. Carbon, 2016, 104, 78-89.	10.3	31
75	Modification with mesoporous platinum and poly(pyrrole-3-carboxylic acid)-based copolymer on boron-doped diamond for nonenzymatic sensing of hydrogen peroxide. Journal of Electroanalytical Chemistry, 2016, 766, 52-59.	3.8	13
76	Bioanalytical advances in assays for C-reactive protein. Biotechnology Advances, 2016, 34, 272-290.	11.7	113
77	Chapter 5 Glycated haemoglobin (HbA1c) monitoring for diabetes diagnosis, management and therapy. , 2016, , 97-124.		1
78	Chapter 6 Diabetes management software and smart applications. , 2016, , 125-144.		1
79	Chapter 2 Blood glucose monitoring devices. , 2016, , 19-48.		0
80	Chapter 3 Non-invasive analytics for point-of-care testing of glucose. , 2016, , 49-74.		0
81	Chapter 1 Diabetes: a growing epidemic and the need for point-of-care testing. , 2016, , 1-18.		0
82	Chapter 4 Continuous glucose monitoring systems. , 2016, , 75-96.		0
83	Rapid sandwich ELISA-based in vitro diagnostic procedure for the highly-sensitive detection of human fetuin A. Biosensors and Bioelectronics, 2015, 67, 73-78.	10.1	35
84	Controlled modification of carbon nanotubes and polyaniline on macroporous graphite felt for high-performance microbial fuel cell anode. Journal of Power Sources, 2015, 283, 46-53.	7.8	169
85	A rapid sandwich immunoassay for human fetuin A using agarose-3-aminopropyltriethoxysilane modified microtiter plate. Analytica Chimica Acta, 2015, 883, 74-80.	5.4	9
86	Recent advances in electrochemical biosensing schemes using graphene and graphene-based nanocomposites. Carbon, 2015, 84, 519-550.	10.3	202
87	Emerging Technologies for Next-Generation Point-of-Care Testing. Trends in Biotechnology, 2015, 33, 692-705.	9.3	583
88	Hairpin DNA as a Biobarcode Modified on Gold Nanoparticles for Electrochemical DNA Detection. Analytical Chemistry, 2015, 87, 1358-1365.	6.5	80
89	Graphene-based rapid and highly-sensitive immunoassay for C-reactive protein using a smartphone-based colorimetric reader. Biosensors and Bioelectronics, 2015, 66, 169-176.	10.1	75
90	A smartphone-based colorimetric reader for bioanalytical applications using the screen-based bottom illumination provided by gadgets. Biosensors and Bioelectronics, 2015, 67, 248-255.	10.1	201

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91	A Highly Sensitive Hydrogen Peroxide Biosensor Based on Hemoglobin Immobilized on Cadmium Sulfide Quantum Dots/Chitosan Composite Modified Glassy Carbon Electrode. Electroanalysis, 2014, 26, 2465-2473.	2.9	13
92	Commercial Smartphone-Based Devices and Smart Applications for Personalized Healthcare Monitoring and Management. Diagnostics, 2014, 4, 104-128.	2.6	196
93	A sensitive nonenzymatic hydrogen peroxide sensor using cadmium oxide nanoparticles/multiwall carbon nanotube modified glassy carbon electrode. Journal of Electroanalytical Chemistry, 2014, 717-718, 41-46.	3.8	52
94	Immobilization of Antibodies and Enzymes on 3-Aminopropyltriethoxysilane-Functionalized Bioanalytical Platforms for Biosensors and Diagnostics. Chemical Reviews, 2014, 114, 11083-11130.	47.7	263
95	Carbon Materials as Catalyst Supports and Catalysts in the Transformation of Biomass to Fuels and Chemicals. ACS Catalysis, 2014, 4, 3393-3410.	11.2	523
96	Self-assembly of a thin highly reduced graphene oxide film and its high electrocatalytic activity. Nanotechnology, 2014, 25, 405601.	2.6	15
97	One step preparation and electrochemical analysis of IQS, a cellâ€“cell communication signal in the nosocomial pathogen Pseudomonas aeruginosa. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4703-4707.	2.2	15
98	Recent advances in electrochemical detection of arsenic in drinking and ground waters. Analytical Methods, 2014, 6, 6157-6169.	2.7	79
99	One-step kinetics-based immunoassay for the highly sensitive detection of C-reactive protein in less than 30min. Analytical Biochemistry, 2014, 456, 32-37.	2.4	62
100	Direct Electron Transfer of Glucose Oxidase-Boron Doped Diamond Interface: A New Solution for a Classical Problem. Analytical Chemistry, 2014, 86, 4910-4918.	6.5	65
101	One-step antibody immobilization-based rapid and highly-sensitive sandwich ELISA procedure for potential in vitro diagnostics. Scientific Reports, 2014, 4, 4407.	3.3	106
102	Adsorption and Desorption of Methylene Blue on Porous Carbon Monoliths and Nanocrystalline Cellulose. ACS Applied Materials & Interfaces, 2013, 5, 8796-8804.	8.0	302
103	Fabrication and Characterization of Nanotemplated Carbon Monolithic Material. ACS Applied Materials & Interfaces, 2013, 5, 8572-8580.	8.0	10
104	Monitoring of potential cytotoxic and inhibitory effects of titanium dioxide using on-line and non-invasive cell-based impedance spectroscopy. Analytica Chimica Acta, 2013, 777, 78-85.	5.4	11
105	Immobilization of glucose oxidase into a nanoporous TiO2 film layered on metallophthalocyanine modified vertically-aligned carbon nanotubes for efficient direct electron transfer. Biosensors and Bioelectronics, 2013, 46, 113-118.	10.1	66
106	Reinforced plastics and aerogels by nanocrystalline cellulose. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	45
107	<scp>CE</scp> with a boronâ€doped diamond electrode for trace detection of endocrine disruptors in water samples. Electrophoresis, 2013, 34, 2025-2032.	2.4	14
108	Preparation of Well-Dispersed Gold/Magnetite Nanoparticles Embedded on Cellulose Nanocrystals for Efficient Immobilization of Papain Enzyme. ACS Applied Materials & Interfaces, 2013, 5, 4978-4985.	8.0	104

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109	Green Strategy Guided by Raman Spectroscopy for the Synthesis of Ammonium Carboxylated Nanocrystalline Cellulose and the Recovery of Byproducts. ACS Sustainable Chemistry and Engineering, 2013, 1, 278-283.	6.7	57
110	Graphene versus Multi-Walled Carbon Nanotubes for Electrochemical Glucose Biosensing. Materials, 2013, 6, 1011-1027.	2.9	69
111	Effect of 3-Aminopropyltriethoxysilane on the Electrocatalysis of Carbon Nanotubes for Reagentless Glucose Biosensing. Journal of Nanopharmaceutics and Drug Delivery, 2013, 1, 64-73.	0.3	3
112	Rapid and simple preparation of a reagentless glucose electrochemical biosensor. Analyst, The, 2012, 137, 3800.	3.5	29
113	Noninvasive Cell-Based Impedance Spectroscopy for Real-Time Probing Inhibitory Effects of Graphene Derivatives. ACS Applied Materials & Interfaces, 2012, 4, 3643-3649.	8.0	8
114	Mediatorless amperometric glucose biosensing using 3-aminopropyltriethoxysilane-functionalized graphene. Talanta, 2012, 99, 22-28.	5.5	46
115	Analysis of pseudomonas quinolone signal and other bacterial signalling molecules using capillaries coated with highly charged polyelectrolyte monolayers and boron doped diamond electrode. Journal of Chromatography A, 2012, 1251, 169-175.	3.7	17
116	Catalysis using gold nanoparticles decorated on nanocrystalline cellulose. Nanoscale, 2012, 4, 997.	5.6	178
117	Probing inhibitory effects of nanocrystalline cellulose: inhibition versus surface charge. Nanoscale, 2012, 4, 1373.	5.6	76
118	Porous Graphitized Carbon Monolith as an Electrode Material for Probing Direct Bioelectrochemistry and Selective Detection of Hydrogen Peroxide. Analytical Chemistry, 2012, 84, 2351-2357.	6.5	42
119	Carbocatalytic dehydration of xylose to furfural in water. Carbon, 2012, 50, 1033-1043.	10.3	154
120	Applications of functionalized and nanoparticle-modified nanocrystalline cellulose. Trends in Biotechnology, 2012, 30, 283-290.	9.3	366
121	Detection of the Pseudomonas Quinolone Signal (PQS) by cyclic voltammetry and amperometry using a boron doped diamond electrode. Chemical Communications, 2011, 47, 10347.	4.1	34
122	Purification, Functionalization, and Bioconjugation of Carbon Nanotubes. Methods in Molecular Biology, 2011, 751, 505-532.	0.9	3
123	Technology behind commercial devices for blood glucose monitoring in diabetes management: A review. Analytica Chimica Acta, 2011, 703, 124-136.	5.4	181
124	Advances in carbon nanotube based electrochemical sensors for bioanalytical applications. Biotechnology Advances, 2011, 29, 169-188.	11.7	401
125	Sulfo-N-hydroxysuccinimide interferes with bicinchoninic acid protein assay. Analytical Biochemistry, 2011, 417, 156-158.	2.4	14
126	Characteristics and Properties of Carboxylated Cellulose Nanocrystals Prepared from a Novel Oneâ€Step Procedure. Small, 2011, 7, 302-305.	10.0	403

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127	Synthesis of Furfural from Xylose by Heterogeneous and Reusable Nafion Catalysts. ChemSusChem, 2011, 4, 535-541.	6.8	108
128	Delivery of drugs and biomolecules using carbon nanotubes. Carbon, 2011, 49, 4077-4097.	10.3	241
129	A simple mathematical model for electric cell-substrate impedance sensing with extended applications. Biosensors and Bioelectronics, 2010, 25, 1774-1780.	10.1	25
130	Activation of Nanoparticles by Biosorption for E. coli Detection in Milk and Apple Juice. Applied Biochemistry and Biotechnology, 2010, 162, 460-475.	2.9	18
131	A source study of atmospheric polycyclic aromatic hydrocarbons in Shenzhen, South China. Environmental Monitoring and Assessment, 2010, 163, 599-606.	2.7	42
132	Electrodeposition of nickel particles on a gas diffusion cathode for hydrogen production in a microbial electrolysis cell. International Journal of Hydrogen Energy, 2010, 35, 7313-7320.	7.1	65
133	Micellar electrokinetic chromatography with amperometric detection and off-line solid-phase extraction for analysis of carbamate insecticides. Journal of Chromatography A, 2010, 1217, 5288-5297.	3.7	63
134	Direct electrochemistry of horseradish peroxidase immobilized on a monolayer modified nanowire array electrode. Biosensors and Bioelectronics, 2010, 25, 1313-1318.	10.1	106
135	Effect of Surface Charge on the Cellular Uptake and Cytotoxicity of Fluorescent Labeled Cellulose Nanocrystals. ACS Applied Materials & Interfaces, 2010, 2, 2924-2932.	8.0	286
136	Electrophoretic Analysis of Biomarkers using Capillary Modification with Gold Nanoparticles Embedded in a Polycation and Boron Doped Diamond Electrode. Analytical Chemistry, 2010, 82, 6895-6903.	6.5	20
137	Noninvasive Probing of Inhibitory Effects of Cylindrospermopsin and Microcystin-LR Using Cell-Based Impedance Spectroscopy. Environmental Science & Technology, 2010, 44, 6775-6781.	10.0	6
138	Interfacing Carbon Nanotubes with Living Mammalian Cells and Cytotoxicity Issues. Chemical Research in Toxicology, 2010, 23, 1131-1147.	3.3	150
139	A Sensitive Electrochemical Assay for Early Detection of HIV-1 Protease Using Ferrocene-Peptide Conjugate/Au Nanoparticle/Single Walled Carbon Nanotube Modified Electrode. Analytical Letters, 2010, 43, 1680-1687.	1.8	16
140	Cell-based impedance spectroscopy for probing inhibitory effects of steroids and ergostane/lanosta-related compounds. Analytical Methods, 2010, 2, 870.	2.7	10
141	Selective Detection of Dopamine Using Glassy Carbon Electrode Modified by a Combined Electropolymerized Permselective Film of Polytyramine and Polypyrroleâ€1â€propionic Acid. Electroanalysis, 2009, 21, 797-803.	2.9	8
142	Cyclodextrinâ€modified capillary electrophoresis for achiral and chiral separation of ergostane and lanostane compounds extracted from the fruiting body of Antrodia camphorata. Electrophoresis, 2009, 30, 1967-1975.	2.4	28
143	The effect of carbon nanotube aspect ratio and loading on the elastic modulus of electrospun poly(vinyl alcohol)-carbon nanotube hybrid fibers. Carbon, 2009, 47, 2571-2578.	10.3	77
144	Cytotoxic triterpenes from Antrodia camphorata and their mode of action in HT-29 human colon cancer cells. Cancer Letters, 2009, 285, 73-79.	7.2	116

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145	Boron-doped diamond electrode: synthesis, characterization, functionalization and analytical applications. Analyst, The, 2009, 134, 1965.	3.5	371
146	Selective detection of dopamine using a combined permselective film of electropolymerized (poly-tyramine and poly-pyrrole-1-propionic acid) on a boron-doped diamondelectrode. Analyst, The, 2009, 134, 519-527.	3.5	37
147	Cellulose Nanocrystal/Gold Nanoparticle Composite as a Matrix for Enzyme Immobilization. ACS Applied Materials & Interfaces, 2009, 1, 1383-1386.	8.0	181
148	Selective Nanomolar Detection of Dopamine Using a Boron-Doped Diamond Electrode Modified with an Electropolymerized Sulfobutylether-Î²-cyclodextrin-Doped Poly(N-acetyltyramine) and Polypyrrole Composite Film. Analytical Chemistry, 2009, 81, 4089-4098.	6.5	85
149	Probing inhibitory effects of destruxins from Metarhizium anisopliae using insect cell based impedance spectroscopy: inhibition vs chemical structure. Analyst, The, 2009, 134, 1447.	3.5	11
150	Rapid detection of microorganisms with nanoparticles and electron microscopy. Microscopy Research and Technique, 2008, 71, 742-748.	2.2	16
151	Probing cytotoxicity of nanoparticles and organic compounds using scanning proton microscopy, scanning electron microscopy and fluorescence microscopy. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 5041-5046.	1.4	6
152	Biosensor technology: Technology push versus market pull. Biotechnology Advances, 2008, 26, 492-500.	11.7	359
153	Impedance Method for Detecting HIV-1 Protease and Screening For Its Inhibitors Using Ferroceneâ^'Peptide Conjugate/Au Nanoparticle/Single-Walled Carbon Nanotube Modified Electrode. Analytical Chemistry, 2008, 80, 7056-7062.	6.5	88
154	Synthesis and Stability of Fluorescent Gold Nanoparticles by Sodium Borohydride in the Presence of Mono-6-deoxy-6-pyridinium-Î²-cyclodextrin Chloride. Journal of Physical Chemistry C, 2008, 112, 443-451.	3.1	56
155	Assessment of Cytotoxicity of Quantum Dots and Gold Nanoparticles Using Cell-Based Impedance Spectroscopy. Analytical Chemistry, 2008, 80, 5487-5493.	6.5	155
156	Picomolar Detection of Protease Using Peptide/Single Walled Carbon Nanotube/Gold Nanoparticle-Modified Electrode. ACS Nano, 2008, 2, 1051-1057.	14.6	117
157	Glucose Oxidase Entrapment in an Electropolymerized Poly(tyramine) Film with Sulfobutylether-Î²-Cyclodextrin on Platinum Nanoparticle Modified Boron-Doped Diamond Electrode. Journal of Physical Chemistry C, 2008, 112, 20258-20263.	3.1	28
158	Affinity Purification of Natural Ligands. Current Protocols in Protein Science, 2008, 52, Unit 9.3.	2.8	6
159	Boron Doped Diamond Biosensor for Detection of Escherichia coli. Journal of Agricultural and Food Chemistry, 2008, 56, 7691-7695.	5.2	27
160	Probing Inhibitory Effects of Antrodia camphorata Isolates Using Insect Cell-Based Impedance Spectroscopy: Inhibition vs Chemical Structure. Chemical Research in Toxicology, 2008, 21, 2127-2133.	3.3	39
161	Preparation of Polymerâ€"Carbon Nanotube Composite Materials and Their Applications for Enzyme Entrapment. Analytical Letters, 2008, 41, 278-288.	1.8	17
162	Carbon Nanotube-Based Electrochemical Biosensing Platforms: Fundamentals,Applications, and Future Possibilities. Recent Patents on Biotechnology, 2007, 1, 181-191.	0.8	18

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163	Reusable Platinum Nanoparticle Modified Boron Doped Diamond Microelectrodes for Oxidative Determination of Arsenite. Analytical Chemistry, 2007, 79, 500-507.	6.5	104
164	Electrochemically-assisted deposition of oxidases on platinum nanoparticle/multi-walled carbon nanotube-modified electrodes. Analyst, The, 2007, 132, 1254.	3.5	62
165	Biosensor for Arsenite Using Arsenite Oxidase and Multiwalled Carbon Nanotube Modified Electrodes. Analytical Chemistry, 2007, 79, 7831-7837.	6.5	89
166	Raman-based detection of bacteria using silver nanoparticles conjugated with antibodies. Analyst, The, 2007, 132, 679.	3.5	115
167	Poly(vinyl alcohol) Functionalized Poly(dimethylsiloxane) Solid Surface for Immunoassay. Bioconjugate Chemistry, 2007, 18, 281-284.	3.6	49
168	Preparation of nanoâ€tentacle polypyrrole with pseudoâ€molecular template for ATP incorporation. Journal of Biomedical Materials Research - Part A, 2007, 80A, 925-931.	4.0	31
169	Detection of bacteria aided by immunoâ€nanoparticles. Journal of Raman Spectroscopy, 2007, 38, 1383-1389.	2.5	20
170	Selective and sensitive electrochemical detection of glucose in neutral solution using platinumâ€“lead alloy nanoparticle/carbon nanotube nanocomposites. Analytica Chimica Acta, 2007, 594, 175-183.	5.4	244
171	Probing calcium and sulfur distribution and pattern in hairs using micro-proton induced X-ray emission (MPIXE). Science Bulletin, 2007, 52, 2909-2912.	1.7	2
172	Morphology and electrochemistry of LiMn2O4 optimized by using different Mn-sources. Journal of Power Sources, 2007, 164, 885-889.	7.8	54
173	Capacitance immunosensors based on an array biotape. Analyst, The, 2006, 131, 788.	3.5	4
174	Metallic Nanoparticleâ”Carbon Nanotube Composites for Electrochemical Determination of Explosive Nitroaromatic Compounds. Analytical Chemistry, 2006, 78, 5504-5512.	6.5	256
175	Sensitive Amperometric Immunosensing Using Polypyrrolepropylic Acid Films for Biomolecule Immobilization. Analytical Chemistry, 2006, 78, 7424-7431.	6.5	79
176	Electrochemical Determination of Arsenite Using a Gold Nanoparticle Modified Glassy Carbon Electrode and Flow Analysis. Analytical Chemistry, 2006, 78, 762-769.	6.5	229
177	Analysis of the 16 Environmental Protection Agency priority polycyclic aromatic hydrocarbons by high performance liquid chromatography-oxidized diamond film electrodes. Journal of Chromatography A, 2006, 1103, 248-256.	3.7	28
178	Electrophoretic separation of aniline derivatives using fused silica capillaries coated with acid treated single-walled carbon nanotubes. Journal of Chromatography A, 2005, 1074, 187-194.	3.7	70
179	Assessment of cytotoxicity by emerging impedance spectroscopy. Toxicology and Applied Pharmacology, 2005, 206, 102-112.	2.8	97
180	Oxidation, Deformation, and Destruction of Carbon Nanotubes in Aqueous Ceric Sulfate. Journal of Physical Chemistry B, 2005, 109, 1400-1407.	2.6	38

#	Article	IF	Citations
181	Fluorescence properties of gold nanorods and their application for DNA biosensing. Chemical Communications, 2005, , 3924.	4.1	98
182	Impedance Sensing of DNA Binding Drugs Using Gold Substrates Modified with Gold Nanoparticles. Analytical Chemistry, 2005, 77, 478-485.	6.5	190
183	Light-Assisted Synthesis of Ptâ^'Zn Porphyrin Nanocomposites and Their Use for Electrochemical Detection of Organohalides. Analytical Chemistry, 2005, 77, 5742-5749.	6.5	9
184	Analysis of insecticidal proteins fromBacillus thuringiensis and recombinantEscherichia coli by capillary electrokinetic chromatography. Electrophoresis, 2004, 25, 3292-3299.	2.4	3
185	Control of the Size and Distribution of Gold Nanoparticles by Unmodified Cyclodextrins.. ChemInform, 2004, 35, no.	0.0	0
186	Near-infrared surface plasmon resonance sensing on a silicon platform. Sensors and Actuators B: Chemical, 2004, 97, 409-414.	7.8	58
187	Extended applications of electric cell-substrate impedance sensing for assessment of the structureâ€"function of Î±2Î²1 integrin. Analytica Chimica Acta, 2004, 501, 61-69.	5.4	19
188	Electrochemical detection of carbohydrates using copper nanoparticles and carbon nanotubes. Analytica Chimica Acta, 2004, 516, 35-41.	5.4	262
189	Electrochemical detection of carbohydrates using copper nanoparticles and carbon nanotubes. Analytica Chimica Acta, 2004, 516, 35-35.	5.4	177
190	Stabilization and Size Control of Gold Nanoparticles during Laser Ablation in Aqueous Cyclodextrins. Journal of the American Chemical Society, 2004, 126, 7176-7177.	13.7	335
191	Surface Chemistry of Gold Nanoparticles Produced by Laser Ablation in Aqueous Media. Journal of Physical Chemistry B, 2004, 108, 16864-16869.	2.6	564
192	The Surface Chemistry of Au Colloids and Their Interactions with Functional Amino Acids. Journal of Physical Chemistry B, 2004, 108, 4046-4052.	2.6	410
193	Electrochemical Biosensing Platforms Using Platinum Nanoparticles and Carbon Nanotubes. Analytical Chemistry, 2004, 76, 1083-1088.	6.5	1,017
194	Nanoparticle size reduction during laser ablation in aqueous solutions of cyclodextrins. , 2004, , .		16
195	Insect cell-based impedance biosensors: a novel technique to monitor the toxicity of environmental pollutants. Environmental Chemistry Letters, 2003, 1, 2-7.	16.2	10
196	Detection of chlorinated quinones using interdigitated electrodes coupled with capillary electrophoresis. Electrophoresis, 2003, 24, 1016-1024.	2.4	8
197	On-Line Monitoring of Cell Growth and Cytotoxicity Using Electric Cell-Substrate Impedance Sensing (ECIS). Biotechnology Progress, 2003, 19, 1000-1005.	2.6	186
198	Chiral analysis of neurotransmitters using cyclodextrin-modified capillary electrophoresis equipped with microfabricated interdigitated electrodes. Journal of Chromatography A, 2003, 1003, 167-178.	3.7	20

#	Article	IF	Citations
199	Picoamperometric Detection of Glucose at Ultrasmall Platinum-Based Biosensors:Â Preparation and Characterization. Analytical Chemistry, 2003, 75, 3308-3315.	6.5	105
200	Fabrication and Characterization of Gold Nanoparticles by Femtosecond Laser Ablation in an Aqueous Solution of Cyclodextrins. Journal of Physical Chemistry B, 2003, 107, 4527-4531.	2.6	232
201	Control of the Size and Distribution of Gold Nanoparticles by Unmodified Cyclodextrins. Chemistry of Materials, 2003, 15, 4172-4180.	6.7	164
202	Multi-layer Si-Based Surface Plasmon Resonance Structure for Absorption Sensing. Analytical Letters, 2003, 36, 3261-3270.	1.8	6
203	Silicon-based surface plasmon resonance sensing with two surface plasmon polariton modes. Applied Optics, 2003, 42, 6905.	2.1	52
204	Properties and sensing characteristics of surface-plasmon resonance in infrared light. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2003, 20, 1644.	1.5	84
205	New Strategy for Preparing Thin Gold Films on Modified Glass Surfaces by Electroless Deposition. Langmuir, 2003, 19, 3958-3965.	3.5	127
206	More Recent Progress in the Preparation of Au Nanostructures, Properties, and Applications. Analytical Letters, 2003, 36, 3097-3118.	1.8	50
207	Surface plasmon resonance sensor with silicon-based prism coupling. , 2003, , .		3
208	An Emerging Impedance Sensor Based on Cell-Protein Interactions: Applications in Cell Biology and Analytical Biochemistry. Analytical Letters, 2003, 36, 3147-3164.	1.8	21
209	Femtosecond laser ablation of gold in aqueous biocompatible solutions to produce colloidal gold nanoparticles. , 2003, , .		4
210	Assessment of Cytotoxicity Using Electric Cellâ^'Substrate Impedance Sensing:Â Concentration and Time Response Function Approach. Analytical Chemistry, 2002, 74, 5748-5753.	6.5	164
211	Structure Characterization of Porous Silicon Layers Based on a Theoretical Analysis. Langmuir, 2002, 18, 4165-4170.	3.5	5
212	An In-Depth Analysis of Electric Cellâ^'Substrate Impedance Sensing To Study the Attachment and Spreading of Mammalian Cells. Analytical Chemistry, 2002, 74, 1333-1339.	6.5	129
213	Characterization of two novel yeast strains used in mediated biosensors for wastewater. Canadian Journal of Microbiology, 2002, 48, 418-426.	1.7	6
214	Monitoring Motility, Spreading, and Mortality of Adherent Insect Cells Using an Impedance Sensor. Analytical Chemistry, 2001, 73, 1844-1848.	6.5	111
215	Development of Rotating Electrochemical Detectors for Capillary Electrophoresis. Analytical Chemistry, 2001, 73, 2536-2540.	6.5	11
216	Mediated microbial biosensor using a novel yeast strain for wastewater BOD measurement. Applied Microbiology and Biotechnology, 2001, 56, 550-554.	3.6	58

#	Article	IF	Citations
217	Derivatization, stabilization and detection of biogenic amines by cyclodextrin-modified capillary electrophoresisâ€“laser-induced fluorescence detection. Journal of Chromatography A, 2001, 926, 309-317.	3.7	63
218	In-line coupling capillary electrochromatography with amperometric detection for analysis of explosive compounds. Electrophoresis, 2000, 21, 1395-1404.	2.4	51
219	Electrochemical Detectors Prepared by Electroless Deposition for Microfabricated Electrophoresis Chips. Analytical Chemistry, 2000, 72, 4677-4682.	6.5	158
220	A Flow Injection (FI) Biosensor System for Pentachlorophenol (PCP) Using a Substrate Recycling Scheme. Environmental Science & Technology, 2000, 34, 3291-3295.	10.0	5
221	Micromachined Electrophoresis Chips with Electrochemical Detectors for Analysis of Explosive Compounds in Soil and Groundwater. Environmental Science & Technology, 2000, 34, 3046-3050.	10.0	68
222	Adaptive Control at Low Glucose Concentration of HEK-293 Cell Serum-Free Cultures. Biotechnology Progress, 1999, 15, 608-616.	2.6	50
223	Determination of explosives in soil and ground water by liquid chromatographyâ€“amperometric detection. Journal of Chromatography A, 1999, 844, 97-110.	3.7	56
224	Derivatization of resin acids with a fluorescent label for cyclodextrin-modified electrophoretic separation. Journal of Chromatography A, 1999, 849, 255-266.	3.7	14
225	Nonaqueous capillary electrophoresis equipped with amperometric detection for analysis of chlorinated phenolic compounds. Journal of Chromatography A, 1999, 864, 323-333.	3.7	23
226	Separation of resin acids using cyclodextrin-modified capillary electrophoresis. Electrophoresis, 1999, 20, 1546-1554.	2.4	10
227	Utilization of TiO2 deposited on glass plates for removal of metals from aqueous wastes. Chemosphere, 1999, 38, 865-874.	8.2	30
228	Development of Electrokinetic Capillary Electrophoresis Equipped with Amperometric Detection for Analysis of Explosive Compounds. Analytical Chemistry, 1999, 71, 873-878.	6.5	73
229	Substrate Recycling Scheme for Tetrachloro-p-benzoquinone Using Bilirubin Oxidase and NADH:â€‰ Application for Pentachlorophenol Assay. Environmental Science & Technology, 1999, 33, 796-800.	10.0	8
230	Mixed-mode capillary electrokinetic separation of positional explosive isomers using sodium dodecyl sulfate and negative-Î²-cyclodextrin derivatives. Journal of Chromatography A, 1998, 811, 225-232.	3.7	28
231	Mixed-mode separation of polycyclic aromatic hydrocarbons (PAHs) in electrokinetic chromatography. Electrophoresis, 1998, 19, 723-730.	2.4	16
232	The combined effect of acetonitrile and urea on the separation of polycyclic aromatic hydrocarbons using sodium dioctyl sulfosuccinate in electrokinetic chromatography. Electrophoresis, 1998, 19, 1461-1467.	2.4	12
233	A Biosensor System for Chlorophenols Using Chloroperoxidase and a Glucose Oxidase Based Amperometric Electrode. Electroanalysis, 1998, 10, 7-11.	2.9	25
234	Mytilus edulis Adhesive Protein (MAP) as an Enzyme Immobilization Matrix in the Fabrication of Enzyme-Based Electrodes. Electroanalysis, 1998, 10, 1193-1199.	2.9	14

#	Article	IF	Citations
235	Capillary electrophoresis applied to kinetic studies of photocatalytic oxidation of substituted anilines. Chemosphere, 1998, 36, 3137-3147.	8.2	14
236	Applicability of micellar electrokinetic chromatography to kinetic studies of photocatalytic oxidation of dibenzo-p-dioxin. Chemosphere, 1998, 36, 3113-3117.	8.2	8
237	Optimization and Characterization of a Flow Injection Electrochemical System for Pentachlorophenol Assay. Analytical Chemistry, 1998, 70, 4134-4139.	6.5	19
238	Oxidation using [bis(trifluoroacetoxy)]iodobenzene: a new and potentially practical approach to detection of polychlorinated phenols. Chemical Communications, 1997, , 1197-1198.	4.1	11
239	A Combined Chemical and Electrochemical Approach Using Bis(trifluoroacetoxy)iodobenzene and Glucose Oxidase for the Detection of Chlorinated Phenols. Analytical Chemistry, 1997, 69, 4324-4330.	6.5	37
240	Applicability of Capillary Electrophoresis with Amperometric Detection to Study Degradation of Chlorophenols in Contaminated Soil. Environmental Science & Technology, 1997, 31, 1794-1800.	10.0	21
241	Modification of Cyclodextrins to Control their Guest-Host Chemistry and their Applications as Chemosensors. , 1997, , 1-16.		0
242	Separation and Determination of Polycyclic Aromatic Hydrocarbons by Solid Phase Microextraction/Cyclodextrin-Modified Capillary Electrophoresis. Analytical Chemistry, 1997, 69, 1726-1731.	6.5	95
243	Developments and applications of biosensors in food analysis. Trends in Biotechnology, 1997, 15, 369-377.	9.3	121
244	An improved enzymatic assay for glucose determination in blood serum using a l,1â€²-dimethylferricinium dye. Applied Biochemistry and Biotechnology, 1997, 61, 267-276.	2.9	7
245	Amperometric biosensor for diamine using diamine oxidase purified from porcine kidney. Enzyme and Microbial Technology, 1997, 20, 32-38.	3.2	40
246	The effect of cyclodextrin modifiers on electrophoretic separation of aromatic hydrocarbons. Electrophoresis, 1997, 18, 247-252.	2.4	9
247	Sulfobutylether-Î²-cyclodextrin-mediated capillary electrophoresis for separation of chlorinated and substituted phenols. Electrophoresis, 1997, 18, 1166-1172.	2.4	17
248	On-line monitoring of glucose in mammalian cell culture using a flow injection analysis (FIA) mediated biosensor. , 1997, 55, 497-504.		23
249	Capillary electrophoretic separation of chlorophenols using amperometric detection. Journal of Chromatography A, 1997, 761, 259-268.	3.7	29
250	Achiral selectivity in cyclodextrin-modified capillary electrophoresis. Journal of Chromatography A, 1997, 792, 431-444.	3.7	48
251	A flow-injection (FI) mediated biosensor for on-line monitoring of lactate in mammalian cell culture. Analytica Chimica Acta, 1997, 351, 159-167.	5.4	10
252	Cyclodextrin-Modified Capillary Electrophoresis:â€‰ Determination of Polycyclic Aromatic Hydrocarbons in Contaminated Soils. Analytical Chemistry, 1996, 68, 287-292.	6.5	74

#	Article	IF	Citations
253	A water-soluble tetramethylbenzidine-2-hydroxypropyl-Î²-cyclodextrin inclusion complex as an efficient mediator for oxidoreductases. Electroanalysis, 1996, 8, 223-228.	2.9	3
254	Cyclodextrin-aided capillary electrophoretic separation and laser-induced fluorescence detection of polynuclear aromatic hydrocarbons (PAHs). , 1996, 9, 515-523.		9
255	Kinetics and performance of a mediated biosensor for hypoxanthine using deflavo xanthine oxidase. Analytica Chimica Acta, 1996, 319, 325-333.	5.4	9
256	An electrocatalytic approach for the measurement of chlorophenols. Analytica Chimica Acta, 1996, 327, 235-242.	5.4	22
257	A coupled enzymatic assay for salicylate and acetylsalicylate using salicylate hydroxylase and tyrosinase. Analytica Chimica Acta, 1996, 335, 169-175.	5.4	22
258	Amperometric Biosensor for Total Histamine, Putrescine and Cadaverine using Diamine Oxidase. Journal of Food Science, 1996, 61, 1012-1016.	3.1	55
259	Enzyme or protein immobilization techniques for applications in biosensor design. Trends in Biotechnology, 1995, 13, 178-185.	9.3	232
260	Enzyme reactions in the presence of cyclodextrins: biosensors and enzyme assays. Trends in Biotechnology, 1995, 13, 457-463.	9.3	28
261	Characterization of interacting ferrocene-cyclodextrin systems and their role in mediated biosensors. Journal of Molecular Recognition, 1995, 8, 132-138.	2.1	13
262	Dual Functionalities of 4-Aminodiphenylamine in Enzymatic Assay and Mediated Biosensor Construction. Analytical Biochemistry, 1995, 231, 393-399.	2.4	21
263	Control of selectivity and electroactivity on underoxidized polypyrrole film electrodes. Electroanalysis, 1995, 7, 633-638.	2.9	7
264	A regenerable pseudo-reagentless glucose biosensor based on Nafion polymer and l,1'-dimethylferricinium mediator. Analytica Chimica Acta, 1995, 310, 419-427.	5.4	43
265	Inclusion complexation of tetrathiafulvalene in cyclodextrins and bioelectroanalysis of the glucose-glucose oxidase reaction. Chemical Engineering Science, 1995, 50, 1867-1876.	3.8	24
266	Enzymatic oxidation of water-soluble cyclodextrin-polynuclear aromatic hydrocarbon inclusion complexes, using lignin peroxidase. Enzyme and Microbial Technology, 1995, 17, 607-614.	3.2	19
267	Separation of PAHs by Capillary Electrophoresis with Laser-Induced Fluorescence Detection Using Mixtures of Neutral and Anionic .beta.-Cyclodextrins. Analytical Chemistry, 1995, 67, 3004-3010.	6.5	75
268	A cyclodextrinâ€“porphyrin assembly as chemosensor for pentachlorophenol. Journal of the Chemical Society Chemical Communications, 1995, , 663-664.	2.0	27
269	Bioelectrocatalysis and diffusion kinetics glucose oxidase: Glucose reaction using a water-soluble 1,1â€²-dimethylferrocene-2-hydroxypropyl-Î²-cyclodextrin complex. Electroanalysis, 1994, 6, 391-396.	2.9	11
270	Characterization of a mediated amperometric biosensor for hypoxanthine using deflavo xanthine oxidase. Electroanalysis, 1994, 6, 830-837.	2.9	4

#	Article	IF	Citations
271	Characterization and kinetic studies of a novel dye prepared from the oxidation of a water-soluble 1,1â€²-dimethylferrocene-2-hydroxypropyl-Î²-cyclodextrin complex using immobilized bilirubin oxidase. Enzyme and Microbial Technology, 1994, 16, 425-431.	3.2	7
272	Application of a novel 1,1â€²-dimethylferricinimum dye for the determination of uric acid in urine. Applied Biochemistry and Biotechnology, 1994, 44, 91-100.	2.9	2
273	Isolation, purification, and further characterization of an L-phenylalanine oxidase fromMorganella morganii. Applied Biochemistry and Biotechnology, 1994, 48, 61-74.	2.9	5
274	A novel assembly of cyclodextrins with 4,4â€²4â€³,4â€´-(21H,23H-porphine-5,10,15,20-tetrayl)tetrakis(benzoic) Tj ETQq0 0 0 rgBT /Ove 2307-2308.	2.0	18
275	Bioelectrocatalysis of a water-soluble tetrathiafulvaleneî—‚2-hydroxypropyl-Î²-cyclodextrin complex. Analytica Chimica Acta, 1993, 282, 319-327.	5.4	26
276	Stable mediated amperometric biosensors using a graphite electrode embedded with tetrathiafulvalene in silicone oil. Biosensors and Bioelectronics, 1993, 8, 483-491.	10.1	8
277	An improved FIA biosensor for the determination of aspartame in dietary food products. Applied Biochemistry and Biotechnology, 1993, 38, 189-201.	2.9	10
278	Mediated glucose biosensor based on polyvinylferrocene. Applied Biochemistry and Biotechnology, 1993, 43, 117-132.	2.9	19
279	The potential role of biosensors in the food and drink industries. Biosensors and Bioelectronics, 1991, 6, 547-554.	10.1	66
280	Retention of enzyme by electropolymerized film: A new approach in developing a hypoxanthine biosensor. Biotechnology and Bioengineering, 1991, 37, 729-735.	3.3	24
281	Analyses of Uric Acid in Urine and Reconstituted Serum by Capillary Electrophoresis. Analytical Letters, 1991, 24, 377-389.	1.8	8
282	Affinity Partitioning of Bioproducts. Nature Biotechnology, 1990, 8, 306-307.	17.5	9
283	Development of a piezoelectric immunosensor for the detection of Salmonella typhimurium. Enzyme and Microbial Technology, 1990, 12, 173-177.	3.2	146
284	Biosynthesis of pullulan using immobilizedAureobasidium pullulans cells. Biotechnology and Bioengineering, 1989, 33, 306-312.	3.3	48
285	Development and application of a biosensor for hypoxanthine in fish extract. Analytica Chimica Acta, 1989, 221, 215-222.	5.4	55
286	Microbial inhibition kinetics revisited. Enzyme and Microbial Technology, 1989, 11, 66-73.	3.2	92
287	Substrate inhibition kinetics for microbial growth and synthesis of poly-?-hydroxybutyric acid by Alcaligenes eutrophus ATCC 17697. Applied Microbiology and Biotechnology, 1989, 30, 11.	3.6	73
288	Oxygen requirement in pullulan fermentation. Applied Microbiology and Biotechnology, 1988, 28, 361-366.	3.6	67

#	Article	IF	Citations
289	Developments and applications of biosensors. Trends in Biotechnology, 1988, 6, 310-316.	9.3	58
290	Affinity Crossâ€“Flow Filtration for Purifying Biomolecules. Nature Biotechnology, 1987, 5, 564-566.	17.5	28
291	Microbial Enzymes: Production, Purification, and Isolation. Critical Reviews in Biotechnology, 1984, 2, 119-146.	9.0	26
292	Determination of effectiveness factor for immobilized cells on solid supports. European Journal of Applied Microbiology and Biotechnology, 1983, 18, 249-253.	1.3	8