

John H T Luong

List of Publications by Year in descending order

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292
papers

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docs citations

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times ranked

25094
citing authors

#	ARTICLE	IF	CITATIONS
1	Polydopamine decorated carbon dots nanocomposite as an effective adsorbent for phenolic compounds. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51769.	1.3	3
2	Antimicrobial Activities of Conducting Polymers and Their Composites. <i>Macromol</i> , 2022, 2, 78-99.	2.4	24
3	Cellulose Nanocrystals (CNC)-Based Functional Materials for Supercapacitor Applications. <i>Nanomaterials</i> , 2022, 12, 1828.	1.9	15
4	Rapid Nanomolar Detection of Guaiacol from its Precursors Using a Core-shell Reversed-phase Column Coupled with a Boron-doped Diamond Electrode. <i>Electroanalysis</i> , 2021, 33, 766-773.	1.5	3
5	Fundamental aspects of protein isolation and purification. , 2021, , 23-58.		0
6	Green Synthesis of Multifunctional Carbon Dots with Antibacterial Activities. <i>Nanomaterials</i> , 2021, 11, 369.	1.9	69
7	Electroanalysis of Benzalkonium Chloride in Ophthalmic Formulation by Boron-doped Diamond Electrode. <i>Electroanalysis</i> , 2021, 33, 1137-1142.	1.5	5
8	Photocatalytic Degradation of Organic Dyes and Antimicrobial Activities by Polyaniline-Nitrogen-Doped Carbon Dot Nanocomposite. <i>Nanomaterials</i> , 2021, 11, 1128.	1.9	31
9	Biocompatible N-doped carbon dots for the eradication of methicillin-resistant <i>S. aureus</i> (MRSA) and sensitive analysis for europium (III). <i>Nano Structures Nano Objects</i> , 2021, 26, 100724.	1.9	10
10	Point-of-Care PCR Assays for COVID-19 Detection. <i>Biosensors</i> , 2021, 11, 141.	2.3	73
11	Facile ultrasonic preparation of a polypyrrole membrane as an absorbent for efficient oil-water separation and as an antimicrobial agent. <i>Ultrasonics Sonochemistry</i> , 2021, 78, 105746.	3.8	10
12	Analytical and biosensing platforms for insulin: A review. <i>Sensors and Actuators Reports</i> , 2021, 3, 100028.	2.3	21
13	Perspectives on electrochemical biosensing of COVID-19. <i>Current Opinion in Electrochemistry</i> , 2021, 30, 100794.	2.5	19
14	A Chemosensor Based on Gold Nanoparticles and Dithiothreitol (DTT) for Acrylamide Electroanalysis. <i>Nanomaterials</i> , 2021, 11, 2610.	1.9	3
15	Microbial inhibition and biosensing with multifunctional carbon dots: Progress and perspectives. <i>Biotechnology Advances</i> , 2021, 53, 107843.	6.0	24
16	Simultaneous Electroanalysis of Guaiacol and its Analogs Based on their Differential Complexation with β -Cyclodextrin on Nafion Modified Boron-doped Diamond Electrode. <i>Electroanalysis</i> , 2020, 32, 119-127.	1.5	11
17	Sonochemical preparation of polyaniline@TiO ₂ and polyaniline@SiO ₂ for the removal of anionic and cationic dyes. <i>Ultrasonics Sonochemistry</i> , 2020, 62, 104864.	3.8	33
18	Chemistry of Biotin-Streptavidin and the Growing Concern of an Emerging Biotin Interference in Clinical Immunoassays. <i>ACS Omega</i> , 2020, 5, 10-18.	1.6	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. <i>Journal of Chromatography A</i> , 2020, 1612, 460649.	1.8	9
20	Antimicrobial Activities of Zn-Doped CuO Microparticles Decorated on Polydopamine against Sensitive and Antibiotic-Resistant Bacteria. <i>ACS Applied Polymer Materials</i> , 2020, 2, 5878-5888.	2.0	38
21	Simultaneous Analysis of Hydroquinone, Arbutin, and Ascorbyl Glucoside Using a Nanocomposite of Ag@AgCl Nanoparticles, Ag ₂ S Nanoparticles, Multiwall Carbon Nanotubes, and Chitosan. <i>Nanomaterials</i> , 2020, 10, 1583.	1.9	12
22	Antimicrobial Properties of the Polyaniline Composites against <i>Pseudomonas aeruginosa</i> and <i>Klebsiella pneumoniae</i> . <i>Journal of Functional Biomaterials</i> , 2020, 11, 59.	1.8	14
23	Applications of N-Doped Carbon Dots as Antimicrobial Agents, Antibiotic Carriers, and Selective Fluorescent Probes for Nitro Explosives. <i>ACS Applied Bio Materials</i> , 2020, 3, 8023-8031.	2.3	86
24	Antimicrobial Properties of Polyaniline and Polypyrrole Decorated with Zinc-Doped Copper Oxide Microparticles. <i>Polymers</i> , 2020, 12, 1286.	2.0	38
25	Electroanalysis of Gallic and Ellagic Acids at a Boron-doped Diamond Electrode Coupled with High-performance Liquid Chromatography. <i>Electroanalysis</i> , 2020, 32, 2027-2035.	1.5	5
26	Nitrogen-Enriched Porous Benzimidazole-Linked Polymeric Network for the Adsorption of La (III), Ce (III), and Nd (III). <i>Journal of Physical Chemistry C</i> , 2020, 124, 6206-6214.	1.5	13
27	Silica-Supported Nitrogen-Enriched Porous Benzimidazole-Linked and Triazine-Based Polymers for the Adsorption of CO ₂ . <i>Langmuir</i> , 2020, 36, 4280-4288.	1.6	8
28	Antibacterial activities of microwave-assisted synthesized polypyrrole/chitosan and poly (pyrrole-N-(1-naphthyl) ethylenediamine) stimulated by C-dots. <i>Carbohydrate Polymers</i> , 2020, 243, 116474.	5.1	36
29	Recent Advances of Conducting Polymers and Their Composites for Electrochemical Biosensing Applications. <i>Journal of Functional Biomaterials</i> , 2020, 11, 71.	1.8	35
30	Electrochemical sensing of histamine using a glassy carbon electrode modified with multiwalled carbon nanotubes decorated with Ag-Ag ₂ O nanoparticles. <i>Mikrochimica Acta</i> , 2019, 186, 714.	2.5	35
31	Kinetic, isotherm and mechanism studies of organic dye adsorption on poly(4,4'-oxybisbenzenamine) and copolymer of poly(4,4'-oxybisbenzenamine-pyrrole) macro-nanoparticles synthesized by multifunctional carbon dots. <i>New Journal of Chemistry</i> , 2019, 43, 1926-1935.	1.4	39
32	Biotin interference in immunoassays based on biotin-strept(avidin) chemistry: An emerging threat. <i>Biotechnology Advances</i> , 2019, 37, 634-641.	6.0	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. <i>Analytica Chimica Acta</i> , 2019, 1059, 42-48.	2.6	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.	1.9	36
41	Cysteamine Capped Silver Nanoparticles and Single-walled Carbon Nanotubes Composite Coated on Glassy Carbon Electrode for Simultaneous Analysis of Hydroquinone and Catechol. Electroanalysis, 2018, 30, 962-968.	1.5	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.	2.5	21
43	Rapid Electrochemical Detection of Pseudomonas aeruginosa Signaling Molecules by Boron-Doped Diamond Electrode. Methods in Molecular Biology, 2018, 1673, 107-116.	0.4	9
44	Eco-friendly and Facile Preparation of Spherical Chitin Nanoparticles. ChemistrySelect, 2018, 3, 10787-10791.	0.7	4
45	Antibody Immobilization and Surface Functionalization Chemistries for Immunodiagnosics. , 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 Microbalance-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 Macro-Nanoparticles Synthesized by C-Dot-Initiated Polymerization. ACS Omega, 2018, 3, 7196-7203.	1.6	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.	1.6	27
57	Simultaneous chemosensing of tryptophan and the bacterial signal molecule indole by boron doped diamond electrode. Electrochimica Acta, 2018, 282, 845-852.	2.6	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.	5.3	31
61	Emerging Human Fetuin A Assays for Biomedical Diagnostics. Trends in Biotechnology, 2017, 35, 407-421.	4.9	15
62	A Smartphone-Based Colorimetric Reader for Human C-Reactive Protein Immunoassay. Methods in Molecular Biology, 2017, 1571, 343-356.	0.4	8
63	Achievement and assessment of direct electron transfer of glucose oxidase in electrochemical biosensing using carbon nanotubes, graphene, and their nanocomposites. Mikročimica Acta, 2017, 184, 369-388.	2.5	98
64	Direct and Rapid Electrochemical Detection of <i>Pseudomonas aeruginosa</i> Quorum Signaling Molecules in Bacterial Cultures and Cystic Fibrosis Sputum Samples through Cationic Surfactant-Assisted Membrane Disruption. ChemElectroChem, 2017, 4, 533-541.	1.7	19
65	A rapid and highly sensitive immunoassay format for human lipocalin-2 using multiwalled carbon nanotubes. Biosensors and Bioelectronics, 2017, 93, 198-204.	5.3	6
66	Zukünftige 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.	6.0	32
69	Preparation and Catalytic Activity of Thermosensitive Ga ₂ O ₃ Nanorods. Energy & Fuels, 2016, 30, 7419-7427.	2.5	20
70	Surface plasmon resonance-based immunoassay for procalcitonin. Analytica Chimica Acta, 2016, 938, 129-136.	2.6	32
71	Synthesis and electrochemical detection of a thiazolyl-indole natural product isolated from the nosocomial pathogen <i>Pseudomonas aeruginosa</i> . Analytical and Bioanalytical Chemistry, 2016, 408, 6361-6367.	1.9	13
72	Molecular Signature of <i>Pseudomonas aeruginosa</i> with Simultaneous Nanomolar Detection of Quorum Sensing Signaling Molecules at a Boron-Doped Diamond Electrode. Scientific Reports, 2016, 6, 30001.	1.6	55

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73	Fluorometric determination of hydrogen sulfide via silver-doped CdS quantum dots in solution and in a test strip. <i>Mikrochimica Acta</i> , 2016, 183, 1243-1249.	2.5	16
74	Physicochemical properties of functionalized carbon-based nanomaterials and their toxicity to fishes. <i>Carbon</i> , 2016, 104, 78-89.	5.4	31
75	Modification with mesoporous platinum and poly(pyrrole-3-carboxylic acid)-based copolymer on boron-doped diamond for nonenzymatic sensing of hydrogen peroxide. <i>Journal of Electroanalytical Chemistry</i> , 2016, 766, 52-59.	1.9	13
76	Bioanalytical advances in assays for C-reactive protein. <i>Biotechnology Advances</i> , 2016, 34, 272-290.	6.0	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. <i>Biosensors and Bioelectronics</i> , 2015, 67, 73-78.	5.3	35
84	Controlled modification of carbon nanotubes and polyaniline on macroporous graphite felt for high-performance microbial fuel cell anode. <i>Journal of Power Sources</i> , 2015, 283, 46-53.	4.0	169
85	A rapid sandwich immunoassay for human fetuin A using agarose-3-aminopropyltriethoxysilane modified microtiter plate. <i>Analytica Chimica Acta</i> , 2015, 883, 74-80.	2.6	9
86	Recent advances in electrochemical biosensing schemes using graphene and graphene-based nanocomposites. <i>Carbon</i> , 2015, 84, 519-550.	5.4	202
87	Emerging Technologies for Next-Generation Point-of-Care Testing. <i>Trends in Biotechnology</i> , 2015, 33, 692-705.	4.9	583
88	Hairpin DNA as a Biobarcode Modified on Gold Nanoparticles for Electrochemical DNA Detection. <i>Analytical Chemistry</i> , 2015, 87, 1358-1365.	3.2	80
89	Graphene-based rapid and highly-sensitive immunoassay for C-reactive protein using a smartphone-based colorimetric reader. <i>Biosensors and Bioelectronics</i> , 2015, 66, 169-176.	5.3	75
90	A smartphone-based colorimetric reader for bioanalytical applications using the screen-based bottom illumination provided by gadgets. <i>Biosensors and Bioelectronics</i> , 2015, 67, 248-255.	5.3	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. <i>Electroanalysis</i> , 2014, 26, 2465-2473.	1.5	13
92	Commercial Smartphone-Based Devices and Smart Applications for Personalized Healthcare Monitoring and Management. <i>Diagnostics</i> , 2014, 4, 104-128.	1.3	196
93	A sensitive nonenzymatic hydrogen peroxide sensor using cadmium oxide nanoparticles/multiwall carbon nanotube modified glassy carbon electrode. <i>Journal of Electroanalytical Chemistry</i> , 2014, 717-718, 41-46.	1.9	52
94	Immobilization of Antibodies and Enzymes on 3-Aminopropyltriethoxysilane-Functionalized Bioanalytical Platforms for Biosensors and Diagnostics. <i>Chemical Reviews</i> , 2014, 114, 11083-11130.	23.0	263
95	Carbon Materials as Catalyst Supports and Catalysts in the Transformation of Biomass to Fuels and Chemicals. <i>ACS Catalysis</i> , 2014, 4, 3393-3410.	5.5	523
96	Self-assembly of a thin highly reduced graphene oxide film and its high electrocatalytic activity. <i>Nanotechnology</i> , 2014, 25, 405601.	1.3	15
97	One step preparation and electrochemical analysis of IQS, a cell-cell communication signal in the nosocomial pathogen <i>Pseudomonas aeruginosa</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 4703-4707.	1.0	15
98	Recent advances in electrochemical detection of arsenic in drinking and ground waters. <i>Analytical Methods</i> , 2014, 6, 6157-6169.	1.3	79
99	One-step kinetics-based immunoassay for the highly sensitive detection of C-reactive protein in less than 30min. <i>Analytical Biochemistry</i> , 2014, 456, 32-37.	1.1	62
100	Direct Electron Transfer of Glucose Oxidase-Boron Doped Diamond Interface: A New Solution for a Classical Problem. <i>Analytical Chemistry</i> , 2014, 86, 4910-4918.	3.2	65
101	One-step antibody immobilization-based rapid and highly-sensitive sandwich ELISA procedure for potential in vitro diagnostics. <i>Scientific Reports</i> , 2014, 4, 4407.	1.6	106
102	Adsorption and Desorption of Methylene Blue on Porous Carbon Monoliths and Nanocrystalline Cellulose. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 8796-8804.	4.0	302
103	Fabrication and Characterization of Nanotemplated Carbon Monolithic Material. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 8572-8580.	4.0	10
104	Monitoring of potential cytotoxic and inhibitory effects of titanium dioxide using on-line and non-invasive cell-based impedance spectroscopy. <i>Analytica Chimica Acta</i> , 2013, 777, 78-85.	2.6	11
105	Immobilization of glucose oxidase into a nanoporous TiO ₂ film layered on metallophthalocyanine modified vertically-aligned carbon nanotubes for efficient direct electron transfer. <i>Biosensors and Bioelectronics</i> , 2013, 46, 113-118.	5.3	66
106	Reinforced plastics and aerogels by nanocrystalline cellulose. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	45
107	CE with a boron-doped diamond electrode for trace detection of endocrine disruptors in water samples. <i>Electrophoresis</i> , 2013, 34, 2025-2032.	1.3	14
108	Preparation of Well-Dispersed Gold/Magnetite Nanoparticles Embedded on Cellulose Nanocrystals for Efficient Immobilization of Papain Enzyme. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 4978-4985.	4.0	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. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 278-283.	3.2	57
110	Graphene versus Multi-Walled Carbon Nanotubes for Electrochemical Glucose Biosensing. <i>Materials</i> , 2013, 6, 1011-1027.	1.3	69
111	Effect of 3-Aminopropyltriethoxysilane on the Electrocatalysis of Carbon Nanotubes for Reagentless Glucose Biosensing. <i>Journal of Nanopharmaceutics and Drug Delivery</i> , 2013, 1, 64-73.	0.3	3
112	Rapid and simple preparation of a reagentless glucose electrochemical biosensor. <i>Analyst</i> , 2012, 137, 3800.	1.7	29
113	Noninvasive Cell-Based Impedance Spectroscopy for Real-Time Probing Inhibitory Effects of Graphene Derivatives. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 3643-3649.	4.0	8
114	Mediatorless amperometric glucose biosensing using 3-aminopropyltriethoxysilane-functionalized graphene. <i>Talanta</i> , 2012, 99, 22-28.	2.9	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. <i>Journal of Chromatography A</i> , 2012, 1251, 169-175.	1.8	17
116	Catalysis using gold nanoparticles decorated on nanocrystalline cellulose. <i>Nanoscale</i> , 2012, 4, 997.	2.8	178
117	Probing inhibitory effects of nanocrystalline cellulose: inhibition versus surface charge. <i>Nanoscale</i> , 2012, 4, 1373.	2.8	76
118	Porous Graphitized Carbon Monolith as an Electrode Material for Probing Direct Bioelectrochemistry and Selective Detection of Hydrogen Peroxide. <i>Analytical Chemistry</i> , 2012, 84, 2351-2357.	3.2	42
119	Carbocatalytic dehydration of xylose to furfural in water. <i>Carbon</i> , 2012, 50, 1033-1043.	5.4	154
120	Applications of functionalized and nanoparticle-modified nanocrystalline cellulose. <i>Trends in Biotechnology</i> , 2012, 30, 283-290.	4.9	366
121	Detection of the Pseudomonas Quinolone Signal (PQS) by cyclic voltammetry and amperometry using a boron doped diamond electrode. <i>Chemical Communications</i> , 2011, 47, 10347.	2.2	34
122	Purification, Functionalization, and Bioconjugation of Carbon Nanotubes. <i>Methods in Molecular Biology</i> , 2011, 751, 505-532.	0.4	3
123	Technology behind commercial devices for blood glucose monitoring in diabetes management: A review. <i>Analytica Chimica Acta</i> , 2011, 703, 124-136.	2.6	181
124	Advances in carbon nanotube based electrochemical sensors for bioanalytical applications. <i>Biotechnology Advances</i> , 2011, 29, 169-188.	6.0	401
125	Sulfo-N-hydroxysuccinimide interferes with bicinchoninic acid protein assay. <i>Analytical Biochemistry</i> , 2011, 417, 156-158.	1.1	14
126	Characteristics and Properties of Carboxylated Cellulose Nanocrystals Prepared from a Novel One-Step Procedure. <i>Small</i> , 2011, 7, 302-305.	5.2	403

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127	Synthesis of Furfural from Xylose by Heterogeneous and Reusable Nafion Catalysts. <i>ChemSusChem</i> , 2011, 4, 535-541.	3.6	108
128	Delivery of drugs and biomolecules using carbon nanotubes. <i>Carbon</i> , 2011, 49, 4077-4097.	5.4	241
129	A simple mathematical model for electric cell-substrate impedance sensing with extended applications. <i>Biosensors and Bioelectronics</i> , 2010, 25, 1774-1780.	5.3	25
130	Activation of Nanoparticles by Biosorption for E. coli Detection in Milk and Apple Juice. <i>Applied Biochemistry and Biotechnology</i> , 2010, 162, 460-475.	1.4	18
131	A source study of atmospheric polycyclic aromatic hydrocarbons in Shenzhen, South China. <i>Environmental Monitoring and Assessment</i> , 2010, 163, 599-606.	1.3	42
132	Electrodeposition of nickel particles on a gas diffusion cathode for hydrogen production in a microbial electrolysis cell. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 7313-7320.	3.8	65
133	Micellar electrokinetic chromatography with amperometric detection and off-line solid-phase extraction for analysis of carbamate insecticides. <i>Journal of Chromatography A</i> , 2010, 1217, 5288-5297.	1.8	63
134	Direct electrochemistry of horseradish peroxidase immobilized on a monolayer modified nanowire array electrode. <i>Biosensors and Bioelectronics</i> , 2010, 25, 1313-1318.	5.3	106
135	Effect of Surface Charge on the Cellular Uptake and Cytotoxicity of Fluorescent Labeled Cellulose Nanocrystals. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 2924-2932.	4.0	286
136	Electrophoretic Analysis of Biomarkers using Capillary Modification with Gold Nanoparticles Embedded in a Polycation and Boron Doped Diamond Electrode. <i>Analytical Chemistry</i> , 2010, 82, 6895-6903.	3.2	20
137	Noninvasive Probing of Inhibitory Effects of Cyindrospermopsin and Microcystin-LR Using Cell-Based Impedance Spectroscopy. <i>Environmental Science & Technology</i> , 2010, 44, 6775-6781.	4.6	6
138	Interfacing Carbon Nanotubes with Living Mammalian Cells and Cytotoxicity Issues. <i>Chemical Research in Toxicology</i> , 2010, 23, 1131-1147.	1.7	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. <i>Analytical Letters</i> , 2010, 43, 1680-1687.	1.0	16
140	Cell-based impedance spectroscopy for probing inhibitory effects of steroids and ergostane/lanosta-related compounds. <i>Analytical Methods</i> , 2010, 2, 870.	1.3	10
141	Selective Detection of Dopamine Using Glassy Carbon Electrode Modified by a Combined Electropolymerized Permselective Film of Polytyramine and Polypyrrole- α -propionic Acid. <i>Electroanalysis</i> , 2009, 21, 797-803.	1.5	8
142	Cyclodextrin α -modified capillary electrophoresis for achiral and chiral separation of ergostane and lanostane compounds extracted from the fruiting body of <i>Antrodia camphorata</i> . <i>Electrophoresis</i> , 2009, 30, 1967-1975.	1.3	28
143	The effect of carbon nanotube aspect ratio and loading on the elastic modulus of electrospun poly(vinyl alcohol)-carbon nanotube hybrid fibers. <i>Carbon</i> , 2009, 47, 2571-2578.	5.4	77
144	Cytotoxic triterpenes from <i>Antrodia camphorata</i> and their mode of action in HT-29 human colon cancer cells. <i>Cancer Letters</i> , 2009, 285, 73-79.	3.2	116

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145	Boron-doped diamond electrode: synthesis, characterization, functionalization and analytical applications. <i>Analyst, The</i> , 2009, 134, 1965.	1.7	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 diamond electrode. <i>Analyst, The</i> , 2009, 134, 519-527.	1.7	37
147	Cellulose Nanocrystal/Gold Nanoparticle Composite as a Matrix for Enzyme Immobilization. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 1383-1386.	4.0	181
148	Selective Nanomolar Detection of Dopamine Using a Boron-Doped Diamond Electrode Modified with an Electropolymerized Sulfobutylether- β -cyclodextrin-Doped Poly(<i>N</i> -acetyltyramine) and Polypyrrole Composite Film. <i>Analytical Chemistry</i> , 2009, 81, 4089-4098.	3.2	85
149	Probing inhibitory effects of destruxins from <i>Metarhizium anisopliae</i> using insect cell based impedance spectroscopy: inhibition vs chemical structure. <i>Analyst, The</i> , 2009, 134, 1447.	1.7	11
150	Rapid detection of microorganisms with nanoparticles and electron microscopy. <i>Microscopy Research and Technique</i> , 2008, 71, 742-748.	1.2	16
151	Probing cytotoxicity of nanoparticles and organic compounds using scanning proton microscopy, scanning electron microscopy and fluorescence microscopy. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2008, 266, 5041-5046.	0.6	6
152	Biosensor technology: Technology push versus market pull. <i>Biotechnology Advances</i> , 2008, 26, 492-500.	6.0	359
153	Impedance Method for Detecting HIV-1 Protease and Screening For Its Inhibitors Using Ferrocene~Peptide Conjugate/Au Nanoparticle/Single-Walled Carbon Nanotube Modified Electrode. <i>Analytical Chemistry</i> , 2008, 80, 7056-7062.	3.2	88
154	Synthesis and Stability of Fluorescent Gold Nanoparticles by Sodium Borohydride in the Presence of Mono-6-deoxy-6-pyridinium- β -cyclodextrin Chloride. <i>Journal of Physical Chemistry C</i> , 2008, 112, 443-451.	1.5	56
155	Assessment of Cytotoxicity of Quantum Dots and Gold Nanoparticles Using Cell-Based Impedance Spectroscopy. <i>Analytical Chemistry</i> , 2008, 80, 5487-5493.	3.2	155
156	Picomolar Detection of Protease Using Peptide/Single Walled Carbon Nanotube/Gold Nanoparticle-Modified Electrode. <i>ACS Nano</i> , 2008, 2, 1051-1057.	7.3	117
157	Glucose Oxidase Entrapment in an Electropolymerized Poly(tyramine) Film with Sulfobutylether- β -Cyclodextrin on Platinum Nanoparticle Modified Boron-Doped Diamond Electrode. <i>Journal of Physical Chemistry C</i> , 2008, 112, 20258-20263.	1.5	28
158	Affinity Purification of Natural Ligands. <i>Current Protocols in Protein Science</i> , 2008, 52, Unit 9.3.	2.8	6
159	Boron Doped Diamond Biosensor for Detection of <i>Escherichia coli</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 7691-7695.	2.4	27
160	Probing Inhibitory Effects of <i>Antrodia camphorata</i> Isolates Using Insect Cell-Based Impedance Spectroscopy: Inhibition vs Chemical Structure. <i>Chemical Research in Toxicology</i> , 2008, 21, 2127-2133.	1.7	39
161	Preparation of Polymer~Carbon Nanotube Composite Materials and Their Applications for Enzyme Entrapment. <i>Analytical Letters</i> , 2008, 41, 278-288.	1.0	17
162	Carbon Nanotube-Based Electrochemical Biosensing Platforms: Fundamentals, Applications, and Future Possibilities. <i>Recent Patents on Biotechnology</i> , 2007, 1, 181-191.	0.4	18

#	ARTICLE	IF	CITATIONS
163	Reusable Platinum Nanoparticle Modified Boron Doped Diamond Microelectrodes for Oxidative Determination of Arsenite. <i>Analytical Chemistry</i> , 2007, 79, 500-507.	3.2	104
164	Electrochemically-assisted deposition of oxidases on platinum nanoparticle/multi-walled carbon nanotube-modified electrodes. <i>Analyst, The</i> , 2007, 132, 1254.	1.7	62
165	Biosensor for Arsenite Using Arsenite Oxidase and Multiwalled Carbon Nanotube Modified Electrodes. <i>Analytical Chemistry</i> , 2007, 79, 7831-7837.	3.2	89
166	Raman-based detection of bacteria using silver nanoparticles conjugated with antibodies. <i>Analyst, The</i> , 2007, 132, 679.	1.7	115
167	Poly(vinyl alcohol) Functionalized Poly(dimethylsiloxane) Solid Surface for Immunoassay. <i>Bioconjugate Chemistry</i> , 2007, 18, 281-284.	1.8	49
168	Preparation of nano-entangle polypyrrole with pseudo-molecular template for ATP incorporation. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 80A, 925-931.	2.1	31
169	Detection of bacteria aided by immuno-nanoparticles. <i>Journal of Raman Spectroscopy</i> , 2007, 38, 1383-1389.	1.2	20
170	Selective and sensitive electrochemical detection of glucose in neutral solution using platinum-lead alloy nanoparticle/carbon nanotube nanocomposites. <i>Analytica Chimica Acta</i> , 2007, 594, 175-183.	2.6	244
171	Probing calcium and sulfur distribution and pattern in hairs using micro-proton induced X-ray emission (MPIXE). <i>Science Bulletin</i> , 2007, 52, 2909-2912.	1.7	2
172	Morphology and electrochemistry of LiMn ₂ O ₄ optimized by using different Mn-sources. <i>Journal of Power Sources</i> , 2007, 164, 885-889.	4.0	54
173	Capacitance immunosensors based on an array biotape. <i>Analyst, The</i> , 2006, 131, 788.	1.7	4
174	Metallic Nanoparticle-Carbon Nanotube Composites for Electrochemical Determination of Explosive Nitroaromatic Compounds. <i>Analytical Chemistry</i> , 2006, 78, 5504-5512.	3.2	256
175	Sensitive Amperometric Immunosensing Using Polypyrrolepropylic Acid Films for Biomolecule Immobilization. <i>Analytical Chemistry</i> , 2006, 78, 7424-7431.	3.2	79
176	Electrochemical Determination of Arsenite Using a Gold Nanoparticle Modified Glassy Carbon Electrode and Flow Analysis. <i>Analytical Chemistry</i> , 2006, 78, 762-769.	3.2	229
177	Analysis of the 16 Environmental Protection Agency priority polycyclic aromatic hydrocarbons by high performance liquid chromatography-oxidized diamond film electrodes. <i>Journal of Chromatography A</i> , 2006, 1103, 248-256.	1.8	28
178	Electrophoretic separation of aniline derivatives using fused silica capillaries coated with acid treated single-walled carbon nanotubes. <i>Journal of Chromatography A</i> , 2005, 1074, 187-194.	1.8	70
179	Assessment of cytotoxicity by emerging impedance spectroscopy. <i>Toxicology and Applied Pharmacology</i> , 2005, 206, 102-112.	1.3	97
180	Oxidation, Deformation, and Destruction of Carbon Nanotubes in Aqueous Ceric Sulfate. <i>Journal of Physical Chemistry B</i> , 2005, 109, 1400-1407.	1.2	38

#	ARTICLE	IF	CITATIONS
181	Fluorescence properties of gold nanorods and their application for DNA biosensing. <i>Chemical Communications</i> , 2005, , 3924.	2.2	98
182	Impedance Sensing of DNA Binding Drugs Using Gold Substrates Modified with Gold Nanoparticles. <i>Analytical Chemistry</i> , 2005, 77, 478-485.	3.2	190
183	Light-Assisted Synthesis of Pt ²⁺ /Zn Porphyrin Nanocomposites and Their Use for Electrochemical Detection of Organohalides. <i>Analytical Chemistry</i> , 2005, 77, 5742-5749.	3.2	9
184	Analysis of insecticidal proteins from <i>Bacillus thuringiensis</i> and recombinant <i>Escherichia coli</i> by capillary electrokinetic chromatography. <i>Electrophoresis</i> , 2004, 25, 3292-3299.	1.3	3
185	Control of the Size and Distribution of Gold Nanoparticles by Unmodified Cyclodextrins.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
186	Near-infrared surface plasmon resonance sensing on a silicon platform. <i>Sensors and Actuators B: Chemical</i> , 2004, 97, 409-414.	4.0	58
187	Extended applications of electric cell-substrate impedance sensing for assessment of the structureâ€“function of β 21 integrin. <i>Analytica Chimica Acta</i> , 2004, 501, 61-69.	2.6	19
188	Electrochemical detection of carbohydrates using copper nanoparticles and carbon nanotubes. <i>Analytica Chimica Acta</i> , 2004, 516, 35-41.	2.6	262
189	Electrochemical detection of carbohydrates using copper nanoparticles and carbon nanotubes. <i>Analytica Chimica Acta</i> , 2004, 516, 35-35.	2.6	177
190	Stabilization and Size Control of Gold Nanoparticles during Laser Ablation in Aqueous Cyclodextrins. <i>Journal of the American Chemical Society</i> , 2004, 126, 7176-7177.	6.6	335
191	Surface Chemistry of Gold Nanoparticles Produced by Laser Ablation in Aqueous Media. <i>Journal of Physical Chemistry B</i> , 2004, 108, 16864-16869.	1.2	564
192	The Surface Chemistry of Au Colloids and Their Interactions with Functional Amino Acids. <i>Journal of Physical Chemistry B</i> , 2004, 108, 4046-4052.	1.2	410
193	Electrochemical Biosensing Platforms Using Platinum Nanoparticles and Carbon Nanotubes. <i>Analytical Chemistry</i> , 2004, 76, 1083-1088.	3.2	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. <i>Environmental Chemistry Letters</i> , 2003, 1, 2-7.	8.3	10
196	Detection of chlorinated quinones using interdigitated electrodes coupled with capillary electrophoresis. <i>Electrophoresis</i> , 2003, 24, 1016-1024.	1.3	8
197	On-Line Monitoring of Cell Growth and Cytotoxicity Using Electric Cell-Substrate Impedance Sensing (ECIS). <i>Biotechnology Progress</i> , 2003, 19, 1000-1005.	1.3	186
198	Chiral analysis of neurotransmitters using cyclodextrin-modified capillary electrophoresis equipped with microfabricated interdigitated electrodes. <i>Journal of Chromatography A</i> , 2003, 1003, 167-178.	1.8	20

#	ARTICLE	IF	CITATIONS
199	Picoamperometric Detection of Glucose at Ultrasmall Platinum-Based Biosensors: Preparation and Characterization. <i>Analytical Chemistry</i> , 2003, 75, 3308-3315.	3.2	105
200	Fabrication and Characterization of Gold Nanoparticles by Femtosecond Laser Ablation in an Aqueous Solution of Cyclodextrins. <i>Journal of Physical Chemistry B</i> , 2003, 107, 4527-4531.	1.2	232
201	Control of the Size and Distribution of Gold Nanoparticles by Unmodified Cyclodextrins. <i>Chemistry of Materials</i> , 2003, 15, 4172-4180.	3.2	164
202	Multi-layer Si-Based Surface Plasmon Resonance Structure for Absorption Sensing. <i>Analytical Letters</i> , 2003, 36, 3261-3270.	1.0	6
203	Silicon-based surface plasmon resonance sensing with two surface plasmon polariton modes. <i>Applied Optics</i> , 2003, 42, 6905.	2.1	52
204	Properties and sensing characteristics of surface-plasmon resonance in infrared light. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2003, 20, 1644.	0.8	84
205	New Strategy for Preparing Thin Gold Films on Modified Glass Surfaces by Electroless Deposition. <i>Langmuir</i> , 2003, 19, 3958-3965.	1.6	127
206	More Recent Progress in the Preparation of Au Nanostructures, Properties, and Applications. <i>Analytical Letters</i> , 2003, 36, 3097-3118.	1.0	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. <i>Analytical Letters</i> , 2003, 36, 3147-3164.	1.0	21
209	Femtosecond laser ablation of gold in aqueous biocompatible solutions to produce colloidal gold nanoparticles. , 2003, , .		4
210	Assessment of Cytotoxicity Using Electric Cell-Substrate Impedance Sensing: Concentration and Time Response Function Approach. <i>Analytical Chemistry</i> , 2002, 74, 5748-5753.	3.2	164
211	Structure Characterization of Porous Silicon Layers Based on a Theoretical Analysis. <i>Langmuir</i> , 2002, 18, 4165-4170.	1.6	5
212	An In-Depth Analysis of Electric Cell-Substrate Impedance Sensing To Study the Attachment and Spreading of Mammalian Cells. <i>Analytical Chemistry</i> , 2002, 74, 1333-1339.	3.2	129
213	Characterization of two novel yeast strains used in mediated biosensors for wastewater. <i>Canadian Journal of Microbiology</i> , 2002, 48, 418-426.	0.8	6
214	Monitoring Motility, Spreading, and Mortality of Adherent Insect Cells Using an Impedance Sensor. <i>Analytical Chemistry</i> , 2001, 73, 1844-1848.	3.2	111
215	Development of Rotating Electrochemical Detectors for Capillary Electrophoresis. <i>Analytical Chemistry</i> , 2001, 73, 2536-2540.	3.2	11
216	Mediated microbial biosensor using a novel yeast strain for wastewater BOD measurement. <i>Applied Microbiology and Biotechnology</i> , 2001, 56, 550-554.	1.7	58

#	ARTICLE	IF	CITATIONS
217	Derivatization, stabilization and detection of biogenic amines by cyclodextrin-modified capillary electrophoresisâ€“laser-induced fluorescence detection. <i>Journal of Chromatography A</i> , 2001, 926, 309-317.	1.8	63
218	In-line coupling capillary electrochromatography with amperometric detection for analysis of explosive compounds. <i>Electrophoresis</i> , 2000, 21, 1395-1404.	1.3	51
219	Electrochemical Detectors Prepared by Electroless Deposition for Microfabricated Electrophoresis Chips. <i>Analytical Chemistry</i> , 2000, 72, 4677-4682.	3.2	158
220	A Flow Injection (FI) Biosensor System for Pentachlorophenol (PCP) Using a Substrate Recycling Scheme. <i>Environmental Science & Technology</i> , 2000, 34, 3291-3295.	4.6	5
221	Micromachined Electrophoresis Chips with Electrochemical Detectors for Analysis of Explosive Compounds in Soil and Groundwater. <i>Environmental Science & Technology</i> , 2000, 34, 3046-3050.	4.6	68
222	Adaptive Control at Low Glucose Concentration of HEK-293 Cell Serum-Free Cultures. <i>Biotechnology Progress</i> , 1999, 15, 608-616.	1.3	50
223	Determination of explosives in soil and ground water by liquid chromatographyâ€“amperometric detection. <i>Journal of Chromatography A</i> , 1999, 844, 97-110.	1.8	56
224	Derivatization of resin acids with a fluorescent label for cyclodextrin-modified electrophoretic separation. <i>Journal of Chromatography A</i> , 1999, 849, 255-266.	1.8	14
225	Nonaqueous capillary electrophoresis equipped with amperometric detection for analysis of chlorinated phenolic compounds. <i>Journal of Chromatography A</i> , 1999, 864, 323-333.	1.8	23
226	Separation of resin acids using cyclodextrin-modified capillary electrophoresis. <i>Electrophoresis</i> , 1999, 20, 1546-1554.	1.3	10
227	Utilization of TiO ₂ deposited on glass plates for removal of metals from aqueous wastes. <i>Chemosphere</i> , 1999, 38, 865-874.	4.2	30
228	Development of Electrokinetic Capillary Electrophoresis Equipped with Amperometric Detection for Analysis of Explosive Compounds. <i>Analytical Chemistry</i> , 1999, 71, 873-878.	3.2	73
229	Substrate Recycling Scheme for Tetrachloro-p-benzoquinone Using Bilirubin Oxidase and NADH:â€“% Application for Pentachlorophenol Assay. <i>Environmental Science & Technology</i> , 1999, 33, 796-800.	4.6	8
230	Mixed-mode capillary electrokinetic separation of positional explosive isomers using sodium dodecyl sulfate and negative- β -cyclodextrin derivatives. <i>Journal of Chromatography A</i> , 1998, 811, 225-232.	1.8	28
231	Mixed-mode separation of polycyclic aromatic hydrocarbons (PAHs) in electrokinetic chromatography. <i>Electrophoresis</i> , 1998, 19, 723-730.	1.3	16
232	The combined effect of acetonitrile and urea on the separation of polycyclic aromatic hydrocarbons using sodium dioctyl sulfosuccinate in electrokinetic chromatography. <i>Electrophoresis</i> , 1998, 19, 1461-1467.	1.3	12
233	A Biosensor System for Chlorophenols Using Chloroperoxidase and a Glucose Oxidase Based Amperometric Electrode. <i>Electroanalysis</i> , 1998, 10, 7-11.	1.5	25
234	Mytilus edulis Adhesive Protein (MAP) as an Enzyme Immobilization Matrix in the Fabrication of Enzyme-Based Electrodes. <i>Electroanalysis</i> , 1998, 10, 1193-1199.	1.5	14

#	ARTICLE	IF	CITATIONS
235	Capillary electrophoresis applied to kinetic studies of photocatalytic oxidation of substituted anilines. <i>Chemosphere</i> , 1998, 36, 3137-3147.	4.2	14
236	Applicability of micellar electrokinetic chromatography to kinetic studies of photocatalytic oxidation of dibenzo-p-dioxin. <i>Chemosphere</i> , 1998, 36, 3113-3117.	4.2	8
237	Optimization and Characterization of a Flow Injection Electrochemical System for Pentachlorophenol Assay. <i>Analytical Chemistry</i> , 1998, 70, 4134-4139.	3.2	19
238	Oxidation using [bis(trifluoroacetoxy)]iodobenzene: a new and potentially practical approach to detection of polychlorinated phenols. <i>Chemical Communications</i> , 1997, , 1197-1198.	2.2	11
239	A Combined Chemical and Electrochemical Approach Using Bis(trifluoroacetoxy)iodobenzene and Glucose Oxidase for the Detection of Chlorinated Phenols. <i>Analytical Chemistry</i> , 1997, 69, 4324-4330.	3.2	37
240	Applicability of Capillary Electrophoresis with Amperometric Detection to Study Degradation of Chlorophenols in Contaminated Soil. <i>Environmental Science & Technology</i> , 1997, 31, 1794-1800.	4.6	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. <i>Analytical Chemistry</i> , 1997, 69, 1726-1731.	3.2	95
243	Developments and applications of biosensors in food analysis. <i>Trends in Biotechnology</i> , 1997, 15, 369-377.	4.9	121
244	An improved enzymatic assay for glucose determination in blood serum using a 1,1-dimethylferricinium dye. <i>Applied Biochemistry and Biotechnology</i> , 1997, 61, 267-276.	1.4	7
245	Amperometric biosensor for diamine using diamine oxidase purified from porcine kidney. <i>Enzyme and Microbial Technology</i> , 1997, 20, 32-38.	1.6	40
246	The effect of cyclodextrin modifiers on electrophoretic separation of aromatic hydrocarbons. <i>Electrophoresis</i> , 1997, 18, 247-252.	1.3	9
247	Sulfobutylether- β -cyclodextrin-mediated capillary electrophoresis for separation of chlorinated and substituted phenols. <i>Electrophoresis</i> , 1997, 18, 1166-1172.	1.3	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. <i>Journal of Chromatography A</i> , 1997, 761, 259-268.	1.8	29
250	Achiral selectivity in cyclodextrin-modified capillary electrophoresis. <i>Journal of Chromatography A</i> , 1997, 792, 431-444.	1.8	48
251	A flow-injection (FI) mediated biosensor for on-line monitoring of lactate in mammalian cell culture. <i>Analytica Chimica Acta</i> , 1997, 351, 159-167.	2.6	10
252	Cyclodextrin-Modified Capillary Electrophoresis: Determination of Polycyclic Aromatic Hydrocarbons in Contaminated Soils. <i>Analytical Chemistry</i> , 1996, 68, 287-292.	3.2	74

#	ARTICLE	IF	CITATIONS
253	A water-soluble tetramethylbenzidine-2-hydroxypropyl- β -cyclodextrin inclusion complex as an efficient mediator for oxidoreductases. <i>Electroanalysis</i> , 1996, 8, 223-228.	1.5	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. <i>Analytica Chimica Acta</i> , 1996, 319, 325-333.	2.6	9
256	An electrocatalytic approach for the measurement of chlorophenols. <i>Analytica Chimica Acta</i> , 1996, 327, 235-242.	2.6	22
257	A coupled enzymatic assay for salicylate and acetylsalicylate using salicylate hydroxylase and tyrosinase. <i>Analytica Chimica Acta</i> , 1996, 335, 169-175.	2.6	22
258	Amperometric Biosensor for Total Histamine, Putrescine and Cadaverine using Diamine Oxidase. <i>Journal of Food Science</i> , 1996, 61, 1012-1016.	1.5	55
259	Enzyme or protein immobilization techniques for applications in biosensor design. <i>Trends in Biotechnology</i> , 1995, 13, 178-185.	4.9	232
260	Enzyme reactions in the presence of cyclodextrins: biosensors and enzyme assays. <i>Trends in Biotechnology</i> , 1995, 13, 457-463.	4.9	28
261	Characterization of interacting ferrocene-cyclodextrin systems and their role in mediated biosensors. <i>Journal of Molecular Recognition</i> , 1995, 8, 132-138.	1.1	13
262	Dual Functionalities of 4-Aminodiphenylamine in Enzymatic Assay and Mediated Biosensor Construction. <i>Analytical Biochemistry</i> , 1995, 231, 393-399.	1.1	21
263	Control of selectivity and electroactivity on underoxidized polypyrrole film electrodes. <i>Electroanalysis</i> , 1995, 7, 633-638.	1.5	7
264	A regenerable pseudo-reagentless glucose biosensor based on Nafion polymer and 1,1'-dimethylferricinium mediator. <i>Analytica Chimica Acta</i> , 1995, 310, 419-427.	2.6	43
265	Inclusion complexation of tetrathiafulvalene in cyclodextrins and bioelectroanalysis of the glucose-glucose oxidase reaction. <i>Chemical Engineering Science</i> , 1995, 50, 1867-1876.	1.9	24
266	Enzymatic oxidation of water-soluble cyclodextrin-polynuclear aromatic hydrocarbon inclusion complexes, using lignin peroxidase. <i>Enzyme and Microbial Technology</i> , 1995, 17, 607-614.	1.6	19
267	Separation of PAHs by Capillary Electrophoresis with Laser-Induced Fluorescence Detection Using Mixtures of Neutral and Anionic .beta.-Cyclodextrins. <i>Analytical Chemistry</i> , 1995, 67, 3004-3010.	3.2	75
268	A cyclodextrin- μ -porphyrin assembly as chemosensor for pentachlorophenol. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 663-664.	2.0	27
269	Bioelectrocatalysis and diffusion kinetics glucose oxidase: Glucose reaction using a water-soluble 1,1'-dimethylferrocene-2-hydroxypropyl- β -cyclodextrin complex. <i>Electroanalysis</i> , 1994, 6, 391-396.	1.5	11
270	Characterization of a mediated amperometric biosensor for hypoxanthine using deflavo xanthine oxidase. <i>Electroanalysis</i> , 1994, 6, 830-837.	1.5	4

#	ARTICLE	IF	CITATIONS
271	Characterization and kinetic studies of a novel dye prepared from the oxidation of a water-soluble 1,1'-dimethylferrocene-2-hydroxypropyl- β -cyclodextrin complex using immobilized bilirubin oxidase. <i>Enzyme and Microbial Technology</i> , 1994, 16, 425-431.	1.6	7
272	Application of a novel 1,1'-dimethylferricinium dye for the determination of uric acid in urine. <i>Applied Biochemistry and Biotechnology</i> , 1994, 44, 91-100.	1.4	2
273	Isolation, purification, and further characterization of an L-phenylalanine oxidase from <i>Morganella morganii</i> . <i>Applied Biochemistry and Biotechnology</i> , 1994, 48, 61-74.	1.4	5
274	A novel assembly of cyclodextrins with 4,4'- β -(21H,23H-porphine-5,10,15,20-tetrayl)tetrakis(benzoic acid) (Tj ETQqO O O rgBT /Ove 2307-2308.	2.0	18
275	Bioelectrocatalysis of a water-soluble tetrathiafulvalene- β -2-hydroxypropyl- β -cyclodextrin complex. <i>Analytica Chimica Acta</i> , 1993, 282, 319-327.	2.6	26
276	Stable mediated amperometric biosensors using a graphite electrode embedded with tetrathiafulvalene in silicone oil. <i>Biosensors and Bioelectronics</i> , 1993, 8, 483-491.	5.3	8
277	An improved FIA biosensor for the determination of aspartame in dietary food products. <i>Applied Biochemistry and Biotechnology</i> , 1993, 38, 189-201.	1.4	10
278	Mediated glucose biosensor based on polyvinylferrocene. <i>Applied Biochemistry and Biotechnology</i> , 1993, 43, 117-132.	1.4	19
279	The potential role of biosensors in the food and drink industries. <i>Biosensors and Bioelectronics</i> , 1991, 6, 547-554.	5.3	66
280	Retention of enzyme by electropolymerized film: A new approach in developing a hypoxanthine biosensor. <i>Biotechnology and Bioengineering</i> , 1991, 37, 729-735.	1.7	24
281	Analyses of Uric Acid in Urine and Reconstituted Serum by Capillary Electrophoresis. <i>Analytical Letters</i> , 1991, 24, 377-389.	1.0	8
282	Affinity Partitioning of Bioproducts. <i>Nature Biotechnology</i> , 1990, 8, 306-307.	9.4	9
283	Development of a piezoelectric immunosensor for the detection of <i>Salmonella typhimurium</i> . <i>Enzyme and Microbial Technology</i> , 1990, 12, 173-177.	1.6	146
284	Biosynthesis of pullulan using immobilized <i>Aureobasidium pullulans</i> cells. <i>Biotechnology and Bioengineering</i> , 1989, 33, 306-312.	1.7	48
285	Development and application of a biosensor for hypoxanthine in fish extract. <i>Analytica Chimica Acta</i> , 1989, 221, 215-222.	2.6	55
286	Microbial inhibition kinetics revisited. <i>Enzyme and Microbial Technology</i> , 1989, 11, 66-73.	1.6	92
287	Substrate inhibition kinetics for microbial growth and synthesis of poly- γ -hydroxybutyric acid by <i>Alcaligenes eutrophus</i> ATCC 17697. <i>Applied Microbiology and Biotechnology</i> , 1989, 30, 11.	1.7	73
288	Oxygen requirement in pullulan fermentation. <i>Applied Microbiology and Biotechnology</i> , 1988, 28, 361-366.	1.7	67

#	ARTICLE	IF	CITATIONS
289	Developments and applications of biosensors. Trends in Biotechnology, 1988, 6, 310-316.	4.9	58
290	Affinity Cross-Flow Filtration for Purifying Biomolecules. Nature Biotechnology, 1987, 5, 564-566.	9.4	28
291	Microbial Enzymes: Production, Purification, and Isolation. Critical Reviews in Biotechnology, 1984, 2, 119-146.	5.1	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