

Aziz Amine

List of Publications by Year in descending order

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155
papers

8,540
citations

31949

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49868

87
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156
all docs

156
docs citations

156
times ranked

7440
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical Sensors: Voltammetric and Amperometric Electrochemical Sensors. , 2023, , 161-177.		6
2	Development of a Novel Electrochemical Sensor Based on Functionalized Carbon Black for the Detection of Guanine Released from DNA Hydrolysis. <i>Electroanalysis</i> , 2023, 35, .	1.5	3
3	Highly selective and sensitive detection of cadmium ions by horseradish peroxidase enzyme inhibition using a colorimetric microplate reader and smartphone paper-based analytical device. <i>Microchemical Journal</i> , 2022, 172, 106940.	2.3	19
4	Development of a simplified spectrophotometric method for nitrite determination in water samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 267, 120574.	2.0	24
5	Computational approach and ultrasound Probe-Assisted synthesis of magnetic molecularly imprinted polymer for the electrochemical detection of bisphenol A. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2022, 277, 115568.	1.7	18
6	Enzyme inhibition coupled to molecularly imprinted polymers for acetazolamide determination in biological samples. <i>Talanta</i> , 2022, 240, 123195.	2.9	10
7	Biorecognition elements. , 2022, , 41-70.		2
8	Key Advances in MIP-based Sensors Applied for Cancer and Cardiovascular Biomarkers Detection. <i>Current Topics in Medicinal Chemistry</i> , 2022, 22, 529-548.	1.0	7
9	Nanoporous Cauliflower-like Pd-Loaded Functionalized Carbon Nanotubes as an Enzyme-Free Electrocatalyst for Glucose Sensing at Neutral pH: Mechanism Study. <i>Sensors</i> , 2022, 22, 2706.	2.1	12
10	A novel magnetic molecularly imprinted polymer for selective extraction and determination of quercetin in plant samples. <i>Analytica Chimica Acta</i> , 2022, 1203, 339709.	2.6	22
11	An Ultrasensitive and Selective Determination of Cadmium Ions at ppt Level Using an Enzymic Membrane with Colorimetric and Electrochemical Detection. <i>Biosensors</i> , 2022, 12, 310.	2.3	6
12	Development of an optical immunoassay based on peroxidase-mimicking Prussian blue nanoparticles and a label-free electrochemical immunosensor for accurate and sensitive quantification of milk species adulteration. <i>Mikrochimica Acta</i> , 2022, 189, 209.	2.5	5
13	A membrane-less Glucose/O ₂ non-enzymatic fuel cell based on bimetallic Pd-Au nanostructure anode and air-breathing cathode: Towards micro-power applications at neutral pH. <i>Biosensors and Bioelectronics</i> , 2022, 210, 114335.	5.3	9
14	Fast sonochemical molecularly imprinted polymer synthesis for selective electrochemical determination of maleic hydrazide. <i>Microchemical Journal</i> , 2022, 180, 107634.	2.3	12
15	A Proof-of-Concept Electrochemical Cytosensor Based on <i>Chlamydomonas reinhardtii</i> Functionalized Carbon Black Screen-Printed Electrodes: Detection of <i>Escherichia coli</i> in Wastewater as a Case Study. <i>Biosensors</i> , 2022, 12, 401.	2.3	4
16	3D-porous laser-scribed graphene decorated with overoxidized polypyrrole as an electrochemical sensing platform for dopamine. <i>Journal of Electroanalytical Chemistry</i> , 2022, 919, 116529.	1.9	15
17	Molecularly imprinted polymer integrated into paper-based analytical device for smartphone-based detection: Application for sulfamethoxazole. <i>Sensors and Actuators B: Chemical</i> , 2022, 368, 132122.	4.0	24
18	Synthesis techniques of molecularly imprinted polymer composites. , 2021, , 49-91.		15

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19	Analytical Applications of Molecularly Imprinted Polymer-decorated Magnetic Nanoparticles. , 2021, , 397-428.		7
20	A dual electro-optical biosensor based on Chlamydomonas reinhardtii immobilised on paper-based nanomodified screen-printed electrodes for herbicide monitoring. Journal of Nanobiotechnology, 2021, 19, 145.	4.2	18
21	Molecularly imprinted polymers based on polydopamine: Assessment of non-specific adsorption. Microchemical Journal, 2021, 164, 106043.	2.3	28
22	Molecularly Imprinted Polymers Combined with Electrochemical Sensors for Food Contaminants Analysis. Molecules, 2021, 26, 4607.	1.7	61
23	Screening study of enzymatic inhibition of medicinal plants for the treatment of diabetes using a glucometer biosensor approach and optical method. Journal of Herbal Medicine, 2021, 28, 100441.	1.0	5
24	Smartphone-based competitive immunoassay for quantitative on-site detection of meat adulteration. Talanta, 2021, 230, 122346.	2.9	38
25	The Kinetic and Analytical Aspects of Enzyme Competitive Inhibition: Sensing of Tyrosinase Inhibitors. Biosensors, 2021, 11, 322.	2.3	5
26	Solid-phase extraction combined with a spectrophotometric method for determination of Bisphenol-A in water samples using magnetic molecularly imprinted polymer. Microchemical Journal, 2021, 168, 106496.	2.3	38
27	Fast microwave-assisted synthesis of magnetic molecularly imprinted polymer for sulfamethoxazole. Talanta, 2021, 232, 122430.	2.9	28
28	An ELIME assay for hepatitis A virus detection. Talanta, 2021, 234, 122672.	2.9	5
29	Laser scribed graphene: A novel platform for highly sensitive detection of electroactive biomolecules. Biosensors and Bioelectronics, 2020, 168, 112509.	5.3	49
30	Electrochemical sensors and biosensors using laser-derived graphene: A comprehensive review. Biosensors and Bioelectronics, 2020, 168, 112565.	5.3	113
31	Electrochemical Biosensors for Detection of MicroRNA as a Cancer Biomarker: Pros and Cons. Biosensors, 2020, 10, 186.	2.3	68
32	Applications of Chitosan in Molecularly and Ion Imprinted Polymers. Chemistry Africa, 2020, 3, 513-533.	1.2	36
33	Recent Advances in Electrochemical Monitoring of Chromium. Sensors, 2020, 20, 5153.	2.1	29
34	Green nanomaterials fostering agrifood sustainability. TrAC - Trends in Analytical Chemistry, 2020, 125, 115840.	5.8	62
35	A sensitive colorimetric immunoassay based on poly(dopamine) modified magnetic nanoparticles for meat authentication. LWT - Food Science and Technology, 2020, 122, 109045.	2.5	24
36	Carbon black as an outstanding and affordable nanomaterial for electrochemical (bio)sensor design. Biosensors and Bioelectronics, 2020, 156, 112033.	5.3	177

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37	Carbon black nanoparticles to sense algae oxygen evolution for herbicides detection: Atrazine as a case study. <i>Biosensors and Bioelectronics</i> , 2020, 159, 112203.	5.3	30
38	Nanobiosensors for Bioclinical Applications: Pros and Cons. <i>Nanotechnology in the Life Sciences</i> , 2020, , 117-149.	0.4	6
39	Study of solvent effect on the synthesis of magnetic molecularly imprinted polymers based on ultrasound probe: Application for sulfonamide detection. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104670.	3.8	45
40	Inside the different types of carbon black as nanomodifiers for screen-printed electrodes. <i>Electrochimica Acta</i> , 2019, 317, 673-683.	2.6	70
41	Current advances in electrochemical genosensors for detecting microRNA cancer markers. <i>Current Opinion in Electrochemistry</i> , 2019, 16, 96-105.	2.5	42
42	A Highly Sensitive Electrochemical Biosensor Based on Carbon Black and Gold Nanoparticles Modified Pencil Graphite Electrode for microRNA-21 Detection. <i>Chemistry Africa</i> , 2019, 2, 291-300.	1.2	30
43	Fast route for the synthesis of decorated nanostructured magnetic molecularly imprinted polymers using an ultrasound probe. <i>Ultrasonics Sonochemistry</i> , 2019, 53, 226-236.	3.8	32
44	A novel platform based on graphene nanoribbons/protein capped Au-Cu bimetallic nanoclusters: Application to the sensitive electrochemical determination of bisphenol A. <i>Microchemical Journal</i> , 2019, 145, 242-251.	2.3	54
45	Recent Advances in Electrochemical Sensors Based on Molecularly Imprinted Polymers and Nanomaterials. <i>Electroanalysis</i> , 2019, 31, 188-201.	1.5	124
46	Enzyme immunoassay (ELISA/immunosensor) for a sensitive detection of pork adulteration in meat. <i>Food Chemistry</i> , 2018, 255, 380-389.	4.2	83
47	Feasibility Assessment of Synchronous Fluorescence Spectral Fusion by Application to Argan Oil for Adulteration Analysis. <i>Applied Spectroscopy</i> , 2018, 72, 432-441.	1.2	17
48	Smartphone-based colorimetric determination of sulfadiazine and sulfasalazine in pharmaceutical and veterinary formulations. <i>Instrumentation Science and Technology</i> , 2018, 46, 656-675.	0.9	22
49	Mini-review: Recent Advances in Electrochemical Determination of Sulfonamides. <i>Analytical Letters</i> , 2018, 51, 424-441.	1.0	42
50	Spectrophotometric and Electrochemical Determination of MicroRNA-155 Using Sandwich Hybridization Magnetic Beads. <i>Analytical Letters</i> , 2018, 51, 411-423.	1.0	19
51	Impedimetric genosensor for miRNA-34a detection in cell lysates using polypyrrole. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 1007-1014.	1.2	19
52	Highly sensitive and selective non-enzymatic monosaccharide and disaccharide sugar sensing based on carbon paste electrodes modified with perforated NiO nanosheets. <i>New Journal of Chemistry</i> , 2018, 42, 964-973.	1.4	26
53	Fabrication and characterization of highly sensitive and selective sensors based on porous NiO nanodisks. <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 604-615.	4.0	85
54	Amperometry. , 2018, , .		12

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55	Comparison between Modified and Unmodified Carbon Paste Electrodes for Hexavalent Chromium Determination. <i>Electroanalysis</i> , 2018, 30, 2750-2759.	1.5	21
56	How to extend range linearity in enzyme inhibition-based biosensing assays. <i>Talanta</i> , 2018, 189, 365-369.	2.9	3
57	Recent Advances in Electrochemical Biosensors Based on Enzyme Inhibition for Clinical and Pharmaceutical Applications. <i>Sensors</i> , 2018, 18, 164.	2.1	100
58	Ultrasound assisted magnetic imprinted polymer combined sensor based on carbon black and gold nanoparticles for selective and sensitive electrochemical detection of Bisphenol A. <i>Sensors and Actuators B: Chemical</i> , 2018, 276, 304-312.	4.0	124
59	Label-free electrochemical sensor based on spore-imprinted polymer for <i>Bacillus cereus</i> spore detection. <i>Sensors and Actuators B: Chemical</i> , 2018, 276, 114-120.	4.0	58
60	Electroanalytical determination of Bisphenol A: Investigation of electrode surface fouling using various carbon materials. <i>Journal of Electroanalytical Chemistry</i> , 2017, 789, 58-66.	1.9	53
61	Electrocatalytic reduction of nitrite and bromate and their highly sensitive determination on carbon paste electrode modified with new copper Schiff base complex. <i>Journal of Electroanalytical Chemistry</i> , 2017, 797, 31-36.	1.9	27
62	Indirect competitive electrochemical immunosensor for hepatitis A virus antigen detection. <i>Journal of Electroanalytical Chemistry</i> , 2017, 799, 213-221.	1.9	25
63	A sensitive method for the determination of Sulfonamides in seawater samples by Solid Phase Extraction and UV-Visible spectrophotometry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 181, 276-285.	2.0	72
64	Electrochemical DNA sandwich biosensor based on enzyme amplified microRNA-21 detection and gold nanoparticles. <i>Bioelectrochemistry</i> , 2017, 116, 17-23.	2.4	78
65	Chronoamperometric Biosensor for Protease Activity Assay and Inhibitor Screening. <i>Electroanalysis</i> , 2017, 29, 2395-2400.	1.5	5
66	Synthesis and electrochemical characterization of nanostructured magnetic molecularly imprinted polymers for 17- β -Estradiol determination. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 698-705.	4.0	111
67	Investigation of sulfonamides inhibition of carbonic anhydrase enzyme using multiphotometric and electrochemical techniques. <i>Enzyme and Microbial Technology</i> , 2017, 96, 23-29.	1.6	19
68	A novel method for sensitive microRNA detection: Electropolymerization based doping. <i>Biosensors and Bioelectronics</i> , 2017, 92, 770-778.	5.3	61
69	Development of an electrochemical label-free biosensor for microRNA-125a detection using pencil graphite electrode modified with different carbon nanomaterials. <i>Journal of Electroanalytical Chemistry</i> , 2017, 806, 75-81.	1.9	47
70	Electrochemical Characterization of Carbon Solid-like Paste Electrode Assembled Using Different Carbon Nanoparticles. <i>Electroanalysis</i> , 2016, 28, 1044-1051.	1.5	19
71	Label-free Electrochemical Impedance Detection of Rotavirus Based on Immobilized Antibodies on Gold Sononanoparticles. <i>Electroanalysis</i> , 2016, 28, 1839-1846.	1.5	15
72	Molecularly Imprinted Polymer-Decorated Magnetite Nanoparticles for Selective Sulfonamide Detection. <i>Analytical Chemistry</i> , 2016, 88, 3578-3584.	3.2	137

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73	A novel amperometric inhibition biosensor based on HRP and gold sononanoparticles immobilised onto Sonogel-Carbon electrode for the determination of sulphides. <i>International Journal of Environmental Analytical Chemistry</i> , 2016, 96, 515-529.	1.8	7
74	Voltammetric determination of sulfonamides using paste electrodes based on various carbon nanomaterials. <i>Mikrochimica Acta</i> , 2016, 183, 2169-2176.	2.5	48
75	Screen-printed electrode modified with carbon black and chitosan: a novel platform for acetylcholinesterase biosensor development. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 7299-7309.	1.9	38
76	Amperometric biosensor based on prussian blue and nafion modified screen-printed electrode for screening of potential xanthine oxidase inhibitors from medicinal plants. <i>Enzyme and Microbial Technology</i> , 2016, 85, 57-63.	1.6	26
77	Rapid and label-free detection of ochratoxin A and aflatoxin B1 using an optical portable instrument. <i>Talanta</i> , 2016, 150, 440-448.	2.9	26
78	Recent advances in biosensors based on enzyme inhibition. <i>Biosensors and Bioelectronics</i> , 2016, 76, 180-194.	5.3	180
79	Comparison of Cobalt Hexacyanoferrate and Poly(Neutral Red) Modified Carbon Film Electrodes for the Amperometric Detection of Heavy Metals Based on Glucose Oxidase Enzyme Inhibition. <i>Analytical Letters</i> , 2015, 48, 659-671.	1.0	6
80	Phosphate Detection through a Cost-Effective Carbon Black Nanoparticle-Modified Screen-Printed Electrode Embedded in a Continuous Flow System. <i>Environmental Science & Technology</i> , 2015, 49, 7934-7939.	4.6	92
81	A Choline Oxidase Amperometric Bioassay for the Detection of Mustard Agents Based on Screen-Printed Electrodes Modified with Prussian Blue Nanoparticles. <i>Sensors</i> , 2015, 15, 4353-4367.	2.1	13
82	Screen-printed electrode modified with carbon black nanoparticles for phosphate detection by measuring the electroactive phosphomolybdate complex. <i>Talanta</i> , 2015, 141, 267-272.	2.9	87
83	Screen-printed biosensor modified with carbon black nanoparticles for the determination of paraoxon based on the inhibition of butyrylcholinesterase. <i>Mikrochimica Acta</i> , 2015, 182, 643-651.	2.5	88
84	Amperometric inhibition biosensors based on horseradish peroxidase and gold sononanoparticles immobilized onto different electrodes for cyanide measurements. <i>Bioelectrochemistry</i> , 2015, 101, 84-91.	2.4	53
85	Analytical aspects of enzyme reversible inhibition. <i>Talanta</i> , 2014, 118, 368-374.	2.9	32
86	Poly(neutral red) based hydrogen peroxide biosensor for chromium determination by inhibition measurements. <i>Journal of Hazardous Materials</i> , 2014, 279, 348-355.	6.5	46
87	Formulation d'une huile d'olive de bonne qualité. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , 2014, 21, D507.	0.6	1
88	Carbon Nanotube, Carbon Black and Copper Nanoparticle Modified Screen Printed Electrodes for Amino Acid Determination. <i>Electroanalysis</i> , 2013, 25, 903-913.	1.5	34
89	Virgin olive oil ortho-phenols electroanalytical quantification. <i>Talanta</i> , 2013, 105, 179-186.	2.9	35
90	Amperometric Biosensor Based on Tyrosinase Immobilized on to a Carbon Black Paste Electrode for Phenol Determination in Olive Oil. <i>Analytical Letters</i> , 2013, 46, 2705-2726.	1.0	45

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91	Carbon Black-Modified Electrodes as Sensitive Tools for the Electrochemical Detection of Nitrite and Nitrate. <i>Electroanalysis</i> , 2013, 25, 2289-2297.	1.5	13
92	Glucose oxidase enzyme inhibition sensors for heavy metals at carbon film electrodes modified with cobalt or copper hexacyanoferrate. <i>Sensors and Actuators B: Chemical</i> , 2013, 178, 270-278.	4.0	68
93	Acetylcholinesterase biosensor based on self-assembled monolayer-modified gold-screen printed electrodes for organophosphorus insecticide detection. <i>Sensors and Actuators B: Chemical</i> , 2013, 179, 201-208.	4.0	110
94	Biosensors Based on Enzyme Inhibition. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2013, 140, 299-326.	0.6	13
95	Determination of Pesticides Based on Their Inhibitory Action on Acetylcholinesterase Using a 2-Phase System. <i>Analytical Letters</i> , 2013, 46, 1419-1429.	1.0	0
96	Part two: Analytical optimisation of a procedure for lead detection in milk by means of bismuth-modified screen-printed electrodes. <i>Analytica Chimica Acta</i> , 2012, 736, 92-99.	2.6	36
97	Electrochemical Characterization of and Stripping Voltammetry at Screen Printed Electrodes Modified with Different Brands of Multiwall Carbon Nanotubes and Bismuth Films. <i>Analytical Letters</i> , 2012, 45, 395-407.	1.0	28
98	Carbon Black-Modified Screen-Printed Electrodes as Electroanalytical Tools. <i>Electroanalysis</i> , 2012, 24, 743-751.	1.5	111
99	Voltammetric Sensing of Amino Acids in the Presence of Cu(II) in Acidic and Alkaline Solutions. <i>Electroanalysis</i> , 2012, 24, 1047-1055.	1.5	3
100	Part I: A comparative study of bismuth-modified screen-printed electrodes for lead detection. <i>Analytica Chimica Acta</i> , 2011, 707, 171-177.	2.6	46
101	Hg ²⁺ detection by measuring thiol groups with a highly sensitive screen-printed electrode modified with a nanostructured carbon black film. <i>Electrochimica Acta</i> , 2011, 56, 4209-4215.	2.6	93
102	A Rapid Enzymatic Method for Aflatoxin B Detection. <i>Methods in Molecular Biology</i> , 2011, 739, 217-235.	0.4	12
103	An Amperometric Sensor for the Selective Determination of Ortho-Diphenols in Olive Oil. <i>Lecture Notes in Electrical Engineering</i> , 2011, , 361-365.	0.3	1
104	Biosensors based on cholinesterase inhibition for insecticides, nerve agents and aflatoxin B1 detection (review). <i>Mikrochimica Acta</i> , 2010, 170, 193-214.	2.5	140
105	Stripping voltammetric determination of mercury(II) and lead(II) using screen-printed electrodes modified with gold films, and metal ion preconcentration with thiol-modified magnetic particles. <i>Mikrochimica Acta</i> , 2010, 170, 299-305.	2.5	104
106	The Fourth International Workshop on Biosensors for Food Safety and Environmental Monitoring. <i>Mikrochimica Acta</i> , 2010, 170, 191-192.	2.5	0
107	High performance electrochemical sensor based on modified screen-printed electrodes with cost-effective dispersion of nanostructured carbon black. <i>Electrochemistry Communications</i> , 2010, 12, 346-350.	2.3	111
108	Bismuth-modified electrodes for lead detection. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 1295-1304.	5.8	141

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109	Electroanalytical Characterization of Carbon Black Nanomaterial Paste Electrode: Development of Highly Sensitive Tyrosinase Biosensor for Catechol Detection. <i>Analytical Letters</i> , 2010, 43, 1688-1702.	1.0	64
110	Screen-Printed Electrodes Modified by Bismuth Film for the Determination of Released Lead in Moroccan Ceramics. <i>Analytical Letters</i> , 2009, 42, 1245-1257.	1.0	20
111	Surface chemistry effects on the performance of an electrochemical DNA sensor. <i>Bioelectrochemistry</i> , 2009, 76, 208-213.	2.4	86
112	Development of a bio-electrochemical assay for AFB1 detection in olive oil. <i>Biosensors and Bioelectronics</i> , 2009, 24, 1962-1968.	5.3	89
113	Electrocatalytic oxidation of thiocholine at chemically modified cobalt hexacyanoferrate screen-printed electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2009, 626, 66-74.	1.9	59
114	Reversible Enzyme Inhibition-Based Biosensors: Applications and Analytical Improvement Through Diagnostic Inhibition. <i>Analytical Letters</i> , 2009, 42, 1258-1293.	1.0	40
115	Third International Workshop on Biosensors for Food Safety and Environmental Monitoring Fez, Morocco, 18-20 October 2007. <i>Mikrochimica Acta</i> , 2008, 163, 147-148.	2.5	2
116	Fibrinogen-Coated Bismuth Film Electrodes for Voltammetric Analysis of Lead and Cadmium using the Batch Injection Analysis. <i>Analytical Letters</i> , 2007, 40, 349-368.	1.0	28
117	Procedure 20 Determination of methyl mercury in fish tissue using electrochemical glucose oxidase biosensors based on invertase inhibition. <i>Comprehensive Analytical Chemistry</i> , 2007, 49, e139-e149.	0.7	0
118	Chapter 14 Electrochemical biosensors for heavy metals based on enzyme inhibition. <i>Comprehensive Analytical Chemistry</i> , 2007, 49, 299-310.	0.7	3
119	Enzymatic Spectrophotometric Method for Aflatoxin B Detection Based on Acetylcholinesterase Inhibition. <i>Analytical Chemistry</i> , 2007, 79, 3409-3415.	3.2	80
120	A probe for NADH and H ₂ O ₂ amperometric detection at low applied potential for oxidase and dehydrogenase based biosensor applications. <i>Biosensors and Bioelectronics</i> , 2007, 22, 854-862.	5.3	61
121	Enzymatic determination of BPA by means of tyrosinase immobilized on different carbon carriers. <i>Biosensors and Bioelectronics</i> , 2007, 23, 60-65.	5.3	131
122	Amperometric biosensor based on Prussian Blue-modified screen-printed electrode for lipase activity and triacylglycerol determination. <i>Analytica Chimica Acta</i> , 2007, 594, 1-8.	2.6	47
123	Fast, sensitive and cost-effective detection of nerve agents in the gas phase using a portable instrument and an electrochemical biosensor. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 388, 1049-1057.	1.9	87
124	The Ninth International Symposium on Kinetics in Analytical Chemistry (9th KAC). <i>Analytical and Bioanalytical Chemistry</i> , 2007, 388, 1047-1047.	1.9	0
125	Glutathione amperometric detection based on a thiol-disulfide exchange reaction. <i>Analytica Chimica Acta</i> , 2006, 558, 164-170.	2.6	43
126	Detection of carbamic and organophosphorous pesticides in water samples using a cholinesterase biosensor based on Prussian Blue-modified screen-printed electrode. <i>Analytica Chimica Acta</i> , 2006, 580, 155-162.	2.6	226

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127	Development and Application of a Two-Phase Clean-Up System in Food Samples Prior to Fluorescence Analysis of Aflatoxins. <i>Mikrochimica Acta</i> , 2006, 153, 101-108.	2.5	9
128	Enzyme inhibition-based biosensors for food safety and environmental monitoring. <i>Biosensors and Bioelectronics</i> , 2006, 21, 1405-1423.	5.3	528
129	Novel planar glucose biosensors for continuous monitoring use. <i>Biosensors and Bioelectronics</i> , 2005, 20, 1993-2000.	5.3	66
130	Mercury ²⁺ enzyme inhibition assays with an amperometric sucrose biosensor based on a trienzymatic-clay matrix. <i>Analytica Chimica Acta</i> , 2005, 543, 143-149.	2.6	72
131	Lead Determination by Anodic Stripping Voltammetry Using ap-Phenylenediamine Modified Carbon Paste Electrode. <i>Electroanalysis</i> , 2005, 17, 685-693.	1.5	47
132	Screening of Fish Tissue for Methyl Mercury Using the Enzyme Invertase in a Solvent Interface. <i>Mikrochimica Acta</i> , 2005, 149, 251-257.	2.5	5
133	Electrochemical Detection of Nitrite Based on Reaction with 2,3-Diaminonaphthalene. <i>Analytical Letters</i> , 2005, 38, 1943-1955.	1.0	8
134	Extraction and Detection of Pesticides by Cholinesterase Inhibition in a Two-Phase System: a Strategy to Avoid Heavy Metal Interference. <i>Analytical Letters</i> , 2005, 38, 1703-1719.	1.0	41
135	Rapid and Selective Electrochemical Determination of Nitrite in Cured Meat in the Presence of Ascorbic Acid. <i>Mikrochimica Acta</i> , 2004, 147, 51.	2.5	26
136	Characterisation of Prussian blue modified screen-printed electrodes for thiol detection. <i>Journal of Electroanalytical Chemistry</i> , 2004, 563, 229-237.	1.9	102
137	Carbon nanotubes as electrode materials for the assembling of new electrochemical biosensors. <i>Sensors and Actuators B: Chemical</i> , 2004, 100, 117-125.	4.0	119
138	Phosphate, Nitrate, and Sulfate Biosensors. <i>Analytical Letters</i> , 2004, 37, 1-19.	1.0	69
139	Combination of Gold-Modified Electrode and α -Amyloglucosidase for Simultaneous Determination of Starch and Glucose. <i>Analytical Letters</i> , 2004, 37, 1529-1543.	1.0	6
140	Investigation of amperometric detection of phosphate. <i>Talanta</i> , 2004, 63, 567-574.	2.9	83
141	Carbon Paste Electrode Bulk-Modified with the Conducting Polymer Poly(1,8-Diaminonaphthalene): Application to Lead Determination. <i>Mikrochimica Acta</i> , 2003, 143, 195-204.	2.5	62
142	Electroanalytical Study of Prussian Blue Modified Glassy Carbon Paste Electrodes. <i>Electroanalysis</i> , 2003, 15, 1204-1211.	1.5	61
143	Prussian Blue and enzyme bulk-modified screen-printed electrodes for hydrogen peroxide and glucose determination with improved storage and operational stability. <i>Analytica Chimica Acta</i> , 2003, 485, 111-120.	2.6	121
144	Prussian Blue based screen printed biosensors with improved characteristics of long-term lifetime and pH stability. <i>Biosensors and Bioelectronics</i> , 2003, 18, 165-174.	5.3	314

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145	Carbon Nanotube Purification: Preparation and Characterization of Carbon Nanotube Paste Electrodes. <i>Analytical Chemistry</i> , 2003, 75, 5413-5421.	3.2	524
146	Prussian Blue Modified Carbon Nanotube Paste Electrodes: A Comparative Study and a Biochemical Application. <i>Analytical Letters</i> , 2003, 36, 1921-1938.	1.0	32
147	Determination of mercury(II) by invertase enzyme inhibition coupled with batch injection analysis. <i>Analyst</i> , 2002, 127, 1088-1093.	1.7	31
148	An amperometric method for the determination of trace mercury(II) by formation of complexes with L-tyrosine. <i>Analytica Chimica Acta</i> , 2002, 464, 123-133.	2.6	19
149	Construction and Analytical Characterization of Prussian Blue-Based Carbon Paste Electrodes and Their Assembly as Oxidase Enzyme Sensors. <i>Analytical Chemistry</i> , 2001, 73, 2529-2535.	3.2	227
150	New electrochemical sensors for detection of nitrites and nitrates. <i>Journal of Electroanalytical Chemistry</i> , 2001, 509, 66-72.	1.9	137
151	Amperometric Nitric Oxide Sensors: a Comparative Study. <i>Electroanalysis</i> , 1998, 10, 1010-1016.	1.5	37
152	Investigation of batch measurements with immobilized enzyme reactors and amperometric electrodes. <i>Electroanalysis</i> , 1995, 7, 785-787.	1.5	0
153	Determination of mercury(II), methylmercury and ethylmercury in the ng/ml range with an electrochemical enzyme glucose probe. <i>Mikrochimica Acta</i> , 1995, 121, 183-190.	2.5	32
154	Cyanide Determination Using an Amperometric Biosensor Based on Cytochrome Oxidase Inhibition. <i>Analytical Chemistry</i> , 1995, 67, 2822-2827.	3.2	65
155	Preparation and Characterization of Octadecylamine-Containing Carbon Paste Electrodes. <i>Analytical Chemistry</i> , 1994, 66, 1595-1599.	3.2	6