Aziz Amine

List of Publications by Year
in descending order

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155 papers	8,540 citations	31976 53 h-index	49909 87 g-index
156 all docs	156 docs citations	156 times ranked	7440 citing authors

#	Article	IF	Citations
1	Enzyme inhibition-based biosensors for food safety and environmental monitoring. Biosensors and Bioelectronics, 2006, 21, 1405-1423.	10.1	528
2	Carbon Nanotube Purification:Â Preparation and Characterization of Carbon Nanotube Paste Electrodes. Analytical Chemistry, 2003, 75, 5413-5421.	6.5	524
3	Prussian Blue based screen printed biosensors with improved characteristics of long-term lifetime and pH stability. Biosensors and Bioelectronics, 2003, 18, 165-174.	10.1	314
4	Construction and Analytical Characterization of Prussian Blue-Based Carbon Paste Electrodes and Their Assembly as Oxidase Enzyme Sensors. Analytical Chemistry, 2001, 73, 2529-2535.	6.5	227
5	Detection of carbamic and organophosphorous pesticides in water samples using a cholinesterase biosensor based on Prussian Blue-modified screen-printed electrode. Analytica Chimica Acta, 2006, 580, 155-162.	5.4	226
6	Recent advances in biosensors based on enzyme inhibition. Biosensors and Bioelectronics, 2016, 76, 180-194.	10.1	180
7	Carbon black as an outstanding and affordable nanomaterial for electrochemical (bio)sensor design. Biosensors and Bioelectronics, 2020, 156, 112033.	10.1	177
8	Bismuth-modified electrodes for lead detection. TrAC - Trends in Analytical Chemistry, 2010, 29, 1295-1304.	11.4	141
9	Biosensors based on cholinesterase inhibition for insecticides, nerve agents and aflatoxin B1 detection (review). Mikrochimica Acta, 2010, 170, 193-214.	5.0	140
10	New electrochemical sensors for detection of nitrites and nitrates. Journal of Electroanalytical Chemistry, 2001, 509, 66-72.	3.8	137
11	Molecularly Imprinted Polymer-Decorated Magnetite Nanoparticles for Selective Sulfonamide Detection. Analytical Chemistry, 2016, 88, 3578-3584.	6.5	137
12	Enzymatic determination of BPA by means of tyrosinase immobilized on different carbon carriers. Biosensors and Bioelectronics, 2007, 23, 60-65.	10.1	131
13	Ultrasound assisted magnetic imprinted polymer combined sensor based on carbon black and gold nanoparticles for selective and sensitive electrochemical detection of Bisphenol A. Sensors and Actuators B: Chemical, 2018, 276, 304-312.	7.8	124
14	Recent Advances in Electrochemical Sensors Based on Molecularly Imprinted Polymers and Nanomaterials. Electroanalysis, 2019, 31, 188-201.	2.9	124
15	Prussian Blue and enzyme bulk-modified screen-printed electrodes for hydrogen peroxide and glucose determination with improved storage and operational stability. Analytica Chimica Acta, 2003, 485, 111-120.	5.4	121
16	Carbon nanotubes as electrode materials for the assembling of new electrochemical biosensors. Sensors and Actuators B: Chemical, 2004, 100, 117-125.	7.8	119
17	Electrochemical sensors and biosensors using laser-derived graphene: A comprehensive review. Biosensors and Bioelectronics, 2020, 168, 112565.	10.1	113
18	High performance electrochemical sensor based on modified screen-printed electrodes with cost-effective dispersion of nanostructured carbon black. Electrochemistry Communications, 2010, 12, 346-350.	4.7	111

#	Article	IF	Citations
19	Carbon Blackâ€Modified Screenâ€Printed Electrodes as Electroanalytical Tools. Electroanalysis, 2012, 24, 743-751.	2.9	111
20	Synthesis and electrochemical characterization of nanostructured magnetic molecularly imprinted polymers for 17-Î²-Estradiol determination. Sensors and Actuators B: Chemical, 2017, 241, 698-705.	7.8	111
21	Acetylcholinesterase biosensor based on self-assembled monolayer-modified gold-screen printed electrodes for organophosphorus insecticide detection. Sensors and Actuators B: Chemical, 2013, 179, 201-208.	7.8	110
22	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. Mikrochimica Acta, 2010, 170, 299-305.	5.0	104
23	Characterisation of Prussian blue modified screen-printed electrodes for thiol detection. Journal of Electroanalytical Chemistry, 2004, 563, 229-237.	3.8	102
24	Recent Advances in Electrochemical Biosensors Based on Enzyme Inhibition for Clinical and Pharmaceutical Applications. Sensors, 2018, 18, 164.	3.8	100
25	Hg2+ detection by measuring thiol groups with a highly sensitive screen-printed electrode modified with a nanostructured carbon black film. Electrochimica Acta, 2011, 56, 4209-4215.	5.2	93
26	Phosphate Detection through a Cost-Effective Carbon Black Nanoparticle-Modified Screen-Printed Electrode Embedded in a Continuous Flow System. Environmental Science & Technology, 2015, 49, 7934-7939.	10.0	92
27	Development of a bio-electrochemical assay for AFB1 detection in olive oil. Biosensors and Bioelectronics, 2009, 24, 1962-1968.	10.1	89
28	Screen-printed biosensor modified with carbon black nanoparticles for the determination of paraoxon based on the inhibition of butyrylcholinesterase. Mikrochimica Acta, 2015, 182, 643-651.	5.0	88
29	Fast, sensitive and cost-effective detection of nerve agents in the gas phase using a portable instrument and an electrochemical biosensor. Analytical and Bioanalytical Chemistry, 2007, 388, 1049-1057.	3.7	87
30	Screen-printed electrode modified with carbon black nanoparticles for phosphate detection by measuring the electroactive phosphomolybdate complex. Talanta, 2015, 141, 267-272.	5.5	87
31	Surface chemistry effects on the performance of an electrochemical DNA sensor. Bioelectrochemistry, 2009, 76, 208-213.	4.6	86
32	Fabrication and characterization of highly sensitive and selective sensors based on porous NiO nanodisks. Sensors and Actuators B: Chemical, 2018, 259, 604-615.	7.8	85
33	Investigation of amperometric detection of phosphate. Talanta, 2004, 63, 567-574.	5.5	83
34	Enzyme immunoassay (ELISA/immunosensor) for a sensitive detection of pork adulteration in meat. Food Chemistry, 2018, 255, 380-389.	8.2	83
35	Enzymatic Spectrophotometric Method for Aflatoxin B Detection Based on Acetylcholinesterase Inhibition. Analytical Chemistry, 2007, 79, 3409-3415.	6.5	80
36	Electrochemical DNA sandwich biosensor based on enzyme amplified microRNA-21 detection and gold nanoparticles. Bioelectrochemistry, 2017, 116, 17-23.	4.6	78

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37	Mercuryâ€“enzyme inhibition assays with an amperometric sucrose biosensor based on a trienzymatic-clay matrix. Analytica Chimica Acta, 2005, 543, 143-149.	5.4	72
38	A sensitive method for the determination of Sulfonamides in seawater samples by Solid Phase Extraction and UVâ€“Visible spectrophotometry. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 181, 276-285.	3.9	72
39	Inside the different types of carbon black as nanomodifiers for screen-printed electrodes. Electrochimica Acta, 2019, 317, 673-683.	5.2	70
40	Phosphate, Nitrate, and Sulfate Biosensors. Analytical Letters, 2004, 37, 1-19.	1.8	69
41	Glucose oxidase enzyme inhibition sensors for heavy metals at carbon film electrodes modified with cobalt or copper hexacyanoferrate. Sensors and Actuators B: Chemical, 2013, 178, 270-278.	7.8	68
42	Electrochemical Biosensors for Detection of MicroRNA as a Cancer Biomarker: Pros and Cons. Biosensors, 2020, 10, 186.	4.7	68
43	Novel planar glucose biosensors for continuous monitoring use. Biosensors and Bioelectronics, 2005, 20, 1993-2000.	10.1	66
44	Cyanide Determination Using an Amperometric Biosensor Based on Cytochrome Oxidase Inhibition. Analytical Chemistry, 1995, 67, 2822-2827.	6.5	65
45	Electroanalytical Characterization of Carbon Black Nanomaterial Paste Electrode: Development of Highly Sensitive Tyrosinase Biosensor for Catechol Detection. Analytical Letters, 2010, 43, 1688-1702.	1.8	64
46	Carbon Paste Electrode Bulk-Modified with the Conducting Polymer Poly(1,8-Diaminonaphthalene): Application to Lead Determination. Mikrochimica Acta, 2003, 143, 195-204.	5.0	62
47	Green nanomaterials fostering agrifood sustainability. TrAC - Trends in Analytical Chemistry, 2020, 125, 115840.	11.4	62
48	Electroanalytical Study of Prussian Blue Modified Glassy Carbon Paste Electrodes. Electroanalysis, 2003, 15, 1204-1211.	2.9	61
49	A probe for NADH and H2O2 amperometric detection at low applied potential for oxidase and dehydrogenase based biosensor applications. Biosensors and Bioelectronics, 2007, 22, 854-862.	10.1	61
50	A novel method for sensitive microRNA detection: Electropolymerization based doping. Biosensors and Bioelectronics, 2017, 92, 770-778.	10.1	61
51	Molecularly Imprinted Polymers Combined with Electrochemical Sensors for Food Contaminants Analysis. Molecules, 2021, 26, 4607.	3.8	61
52	Electrocatalytic oxidation of thiocholine at chemically modified cobalt hexacyanoferrate screen-printed electrodes. Journal of Electroanalytical Chemistry, 2009, 626, 66-74.	3.8	59
53	Label-free electrochemical sensor based on spore-imprinted polymer for Bacillus cereus spore detection. Sensors and Actuators B: Chemical, 2018, 276, 114-120.	7.8	58
54	A novel platform based on graphene nanoribbons/protein capped Au-Cu bimetallic nanoclusters: Application to the sensitive electrochemical determination of bisphenol A. Microchemical Journal, 2019, 145, 242-251.	4.5	54

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55	Amperometric inhibition biosensors based on horseradish peroxidase and gold sononanoparticles immobilized onto different electrodes for cyanide measurements. Bioelectrochemistry, 2015, 101, 84-91.	4.6	53
56	Electroanalytical determination of Bisphenol A: Investigation of electrode surface fouling using various carbon materials. Journal of Electroanalytical Chemistry, 2017, 789, 58-66.	3.8	53
57	Laser scribed graphene: A novel platform for highly sensitive detection of electroactive biomolecules. Biosensors and Bioelectronics, 2020, 168, 112509.	10.1	49
58	Voltammetric determination of sulfonamides using paste electrodes based on various carbon nanomaterials. Mikrochimica Acta, 2016, 183, 2169-2176.	5.0	48
59	Lead Determination by Anodic Stripping Voltammetry Using ap-Phenylenediamine Modified Carbon Paste Electrode. Electroanalysis, 2005, 17, 685-693.	2.9	47
60	Amperometric biosensor based on Prussian Blue-modified screen-printed electrode for lipase activity and triacylglycerol determination. Analytica Chimica Acta, 2007, 594, 1-8.	5.4	47
61	Development of an electrochemical label-free biosensor for microRNA-125a detection using pencil graphite electrode modified with different carbon nanomaterials. Journal of Electroanalytical Chemistry, 2017, 806, 75-81.	3.8	47
62	Part I: A comparative study of bismuth-modified screen-printed electrodes for lead detection. Analytica Chimica Acta, 2011, 707, 171-177.	5.4	46
63	Poly(neutral red) based hydrogen peroxide biosensor for chromium determination by inhibition measurements. Journal of Hazardous Materials, 2014, 279, 348-355.	12.4	46
64	Amperometric Biosensor Based on Tyrosinase Immobilized on to a Carbon Black Paste Electrode for Phenol Determination in Olive Oil. Analytical Letters, 2013, 46, 2705-2726.	1.8	45
65	Study of solvent effect on the synthesis of magnetic molecularly imprinted polymers based on ultrasound probe: Application for sulfonamide detection. Ultrasonics Sonochemistry, 2019, 58, 104670.	8.2	45
66	Glutathione amperometric detection based on a thiolâ€“disulfide exchange reaction. Analytica Chimica Acta, 2006, 558, 164-170.	5.4	43
67	Mini-review: Recent Advances in Electrochemical Determination of Sulfonamides. Analytical Letters, 2018, 51, 424-441.	1.8	42
68	Current advances in electrochemical genosensors for detecting microRNA cancer markers. Current Opinion in Electrochemistry, 2019, 16, 96-105.	4.8	42
69	Extraction and Detection of Pesticides by Cholinesterase Inhibition in a Twoâ€Phase System: a Strategy to Avoid Heavy Metal Interference. Analytical Letters, 2005, 38, 1703-1719.	1.8	41
70	Reversible Enzyme Inhibitionâ€“Based Biosensors: Applications and Analytical Improvement Through Diagnostic Inhibition. Analytical Letters, 2009, 42, 1258-1293.	1.8	40
71	Screen-printed electrode modified with carbon black and chitosan: a novel platform for acetylcholinesterase biosensor development. Analytical and Bioanalytical Chemistry, 2016, 408, 7299-7309.	3.7	38
72	Smartphone-based competitive immunoassay for quantitative on-site detection of meat adulteration. Talanta, 2021, 230, 122346.	5.5	38

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73	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.	4.5	38
74	Amperometric Nitric Oxide Sensors: a Comparative Study. Electroanalysis, 1998, 10, 1010-1016.	2.9	37
75	Part two: Analytical optimisation of a procedure for lead detection in milk by means of bismuth-modified screen-printed electrodes. Analytica Chimica Acta, 2012, 736, 92-99.	5.4	36
76	Applications of Chitosan in Molecularly and Ion Imprinted Polymers. Chemistry Africa, 2020, 3, 513-533.	2.4	36
77	Virgin olive oil ortho-phenolsâ€"electroanalytical quantification. Talanta, 2013, 105, 179-186.	5.5	35
78	Carbon Nanotube, Carbon Black and Copper Nanoparticle Modified Screen Printed Electrodes for Amino Acid Determination. Electroanalysis, 2013, 25, 903-913.	2.9	34
79	Determination of mercury(II), methylmercury and ethylmercury in the ng/ml range with an electrochemical enzyme glucose probe. Mikrochimica Acta, 1995, 121, 183-190.	5.0	32
80	Prussian Blue Modified Carbon Nanotube Paste Electrodes: A Comparative Study and a Biochemical Application. Analytical Letters, 2003, 36, 1921-1938.	1.8	32
81	Analytical aspects of enzyme reversible inhibition. Talanta, 2014, 118, 368-374.	5.5	32
82	Fast route for the synthesis of decorated nanostructured magnetic molecularly imprinted polymers using an ultrasound probe. Ultrasonics Sonochemistry, 2019, 53, 226-236.	8.2	32
83	Determination of mercury(ii) by invertase enzyme inhibition coupled with batch injection analysis. Analyst, The, 2002, 127, 1088-1093.	3.5	31
84	A Highly Sensitive Electrochemical Biosensor Based on Carbon Black and Gold Nanoparticles Modified Pencil Graphite Electrode for microRNA-21 Detection. Chemistry Africa, 2019, 2, 291-300.	2.4	30
85	Carbon black nanoparticles to sense algae oxygen evolution for herbicides detection: Atrazine as a case study. Biosensors and Bioelectronics, 2020, 159, 112203.	10.1	30
86	Recent Advances in Electrochemical Monitoring of Chromium. Sensors, 2020, 20, 5153.	3.8	29
87	Fibrinogenâ€Coated Bismuth Film Electrodes for Voltammetric Analysis of Lead and Cadmium using the Batch Injection Analysis. Analytical Letters, 2007, 40, 349-368.	1.8	28
88	Electrochemical Characterization of and Stripping Voltammetry at Screen Printed Electrodes Modified with Different Brands of Multiwall Carbon Nanotubes and Bismuth Films. Analytical Letters, 2012, 45, 395-407.	1.8	28
89	Molecularly imprinted polymers based on polydopamine: Assessment of non-specific adsorption. Microchemical Journal, 2021, 164, 106043.	4.5	28
90	Fast microwave-assisted synthesis of magnetic molecularly imprinted polymer for sulfamethoxazole. Talanta, 2021, 232, 122430.	5.5	28

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91	Electrocatalytic reduction of nitrite and bromate and their highly sensitive determination on carbon paste electrode modified with new copper Schiff base complex. Journal of Electroanalytical Chemistry, 2017, 797, 31-36.	3.8	27
92	Rapid and Selective Electrochemical Determination of Nitrite in Cured Meat in the Presence of Ascorbic Acid. Mikrochimica Acta, 2004, 147, 51.	5.0	26
93	Amperometric biosensor based on prussian blue and nafion modified screen-printed electrode for screening of potential xanthine oxidase inhibitors from medicinal plants. Enzyme and Microbial Technology, 2016, 85, 57-63.	3.2	26
94	Rapid and label-free detection of ochratoxin A and aflatoxin B1 using an optical portable instrument. Talanta, 2016, 150, 440-448.	5.5	26
95	Highly sensitive and selective non-enzymatic monosaccharide and disaccharide sugar sensing based on carbon paste electrodes modified with perforated NiO nanosheets. New Journal of Chemistry, 2018, 42, 964-973.	2.8	26
96	Indirect competitive electrochemical immunosensor for hepatitis A virus antigen detection. Journal of Electroanalytical Chemistry, 2017, 799, 213-221.	3.8	25
97	A sensitive colorimetric immunoassay based on poly(dopamine) modified magnetic nanoparticles for meat authentication. LWT - Food Science and Technology, 2020, 122, 109045.	5.2	24
98	Development of a simplified spectrophotometric method for nitrite determination in water samples. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 267, 120574.	3.9	24
99	Molecularly imprinted polymer integrated into paper-based analytical device for smartphone-based detection: Application for sulfamethoxazole. Sensors and Actuators B: Chemical, 2022, 368, 132122.	7.8	24
100	Smartphone-based colorimetric determination of sulfadiazine and sulfasalazine in pharmaceutical and veterinary formulations. Instrumentation Science and Technology, 2018, 46, 656-675.	1.8	22
101	A novel magnetic molecularly imprinted polymer for selective extraction and determination of quercetin in plant samples. Analytica Chimica Acta, 2022, 1203, 339709.	5.4	22
102	Comparison between Modified and Unmodified Carbon Paste Electrodes for Hexavalent Chromium Determination. Electroanalysis, 2018, 30, 2750-2759.	2.9	21
103	Screen-Printed Electrodes Modified by Bismuth Film for the Determination of Released Lead in Moroccan Ceramics. Analytical Letters, 2009, 42, 1245-1257.	1.8	20
104	An amperometric method for the determination of trace mercury(II) by formation of complexes with l-tyrosine. Analytica Chimica Acta, 2002, 464, 123-133.	5.4	19
105	Electrochemical Characterization of Carbon Solidï£¿like Paste Electrode Assembled Using Different Carbon Nanoparticles. Electroanalysis, 2016, 28, 1044-1051.	2.9	19
106	Investigation of sulfonamides inhibition of carbonic anhydrase enzyme using multiphotometric and electrochemical techniques. Enzyme and Microbial Technology, 2017, 96, 23-29.	3.2	19
107	Spectrophotometric and Electrochemical Determination of MicroRNA-155 Using Sandwich Hybridization Magnetic Beads. Analytical Letters, 2018, 51, 411-423.	1.8	19
108	Impedimetric genosensor for miRNA-34a detection in cell lysates using polypyrrole. Journal of Solid State Electrochemistry, 2018, 22, 1007-1014.	2.5	19

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109	Highly selective and sensitive detection of cadmium ions by horseradish peroxidase enzyme inhibition using a colorimetric microplate reader and smartphone paper-based analytical device. Microchemical Journal, 2022, 172, 106940.	4.5	19
110	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.	9.1	18
111	Computational approach and ultrasound Probeâ€“Assisted synthesis of magnetic molecularly imprinted polymer for the electrochemical detection of bisphenol A. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2022, 277, 115568.	3.5	18
112	Feasibility Assessment of Synchronous Fluorescence Spectral Fusion by Application to Argan Oil for Adulteration Analysis. Applied Spectroscopy, 2018, 72, 432-441.	2.2	17
113	Labelâ€free Electrochemical Impedance Detection of Rotavirus Based on Immobilized Antibodies on Gold Sononanoparticles. Electroanalysis, 2016, 28, 1839-1846.	2.9	15
114	Synthesis techniques of molecularly imprinted polymer composites. , 2021, , 49-91.		15
115	3D-porous laser-scribed graphene decorated with overoxidized polypyrrole as an electrochemical sensing platform for dopamine. Journal of Electroanalytical Chemistry, 2022, 919, 116529.	3.8	15
116	Carbon Blackâ€Modified Electrodes as Sensitive Tools for the Electrochemical Detection of Nitrite and Nitrate. Electroanalysis, 2013, 25, 2289-2297.	2.9	13
117	Biosensors Based on Enzyme Inhibition. Advances in Biochemical Engineering/Biotechnology, 2013, 140, 299-326.	1.1	13
118	A Choline Oxidase Amperometric Bioassay for the Detection of Mustard Agents Based on Screen-Printed Electrodes Modified with Prussian Blue Nanoparticles. Sensors, 2015, 15, 4353-4367.	3.8	13
119	Amperometry. , 2018, , .		12
120	A Rapid Enzymatic Method for Aflatoxin B Detection. Methods in Molecular Biology, 2011, 739, 217-235.	0.9	12
121	Nanoporous Cauliflower-like Pd-Loaded Functionalized Carbon Nanotubes as an Enzyme-Free Electrocatalyst for Glucose Sensing at Neutral pH: Mechanism Study. Sensors, 2022, 22, 2706.	3.8	12
122	Fast sonochemical molecularly imprinted polymer synthesis for selective electrochemical determination of maleic hydrazide. Microchemical Journal, 2022, 180, 107634.	4.5	12
123	Enzyme inhibition coupled to molecularly imprinted polymers for acetazolamide determination in biological samples. Talanta, 2022, 240, 123195.	5.5	10
124	Development and Application of a Two-Phase Clean-Up System in Food Samples Prior to Fluorescence Analysis of Aflatoxins. Mikrochimica Acta, 2006, 153, 101-108.	5.0	9
125	A membrane-less Glucose/O2 non-enzymatic fuel cell based on bimetallic Pdâ€“Au nanostructure anode and air-breathing cathode: Towards micro-power applications at neutral pH. Biosensors and Bioelectronics, 2022, 210, 114335.	10.1	9
126	Electrochemical Detection of Nitrite Based on Reaction with 2,3â€Diaminonaphthalene. Analytical Letters, 2005, 38, 1943-1955.	1.8	8

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127	A novel amperometric inhibition biosensor based on HRP and gold sononanoparticles immobilised onto Sonogel-Carbon electrode for the determination of sulphides. International Journal of Environmental Analytical Chemistry, 2016, 96, 515-529.	3.3	7
128	Analytical Applications of Molecularly Imprinted Polymer-decorated Magnetic Nanoparticles. , 2021, , 397-428.		7
129	Key Advances in MIP-based Sensors Applied for Cancer and Cardiovascular Biomarkers Detection. Current Topics in Medicinal Chemistry, 2022, 22, 529-548.	2.1	7
130	Preparation and Characterization of Octadecylamine-Containing Carbon Paste Electrodes. Analytical Chemistry, 1994, 66, 1595-1599.	6.5	6
131	Combination of Goldâ€Modified Electrode and Î±â€Amyloglucosidase for Simultaneous Determination of Starch and Glucose. Analytical Letters, 2004, 37, 1529-1543.	1.8	6
132	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. Analytical Letters, 2015, 48, 659-671.	1.8	6
133	Chemical Sensors: Voltammetric and Amperometric Electrochemical Sensors. , 2023, , 161-177.		6
134	Nanobiosensors for Bioclinical Applications: Pros and Cons. Nanotechnology in the Life Sciences, 2020, , 117-149.	0.6	6
135	An Ultrasensitive and Selective Determination of Cadmium Ions at ppt Level Using an Enzymic Membrane with Colorimetric and Electrochemical Detection. Biosensors, 2022, 12, 310.	4.7	6
136	Screening of Fish Tissue for Methyl Mercury Using the Enzyme Invertase in a Solvent Interface. Mikrochimica Acta, 2005, 149, 251-257.	5.0	5
137	Chronoamperometric Biosensor for Protease Activity Assay and Inhibitor Screening. Electroanalysis, 2017, 29, 2395-2400.	2.9	5
138	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.	2.0	5
139	The Kinetic and Analytical Aspects of Enzyme Competitive Inhibition: Sensing of Tyrosinase Inhibitors. Biosensors, 2021, 11, 322.	4.7	5
140	An ELIME assay for hepatitis A virus detection. Talanta, 2021, 234, 122672.	5.5	5
141	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. Mikrochimica Acta, 2022, 189, 209.	5.0	5
142	A Proof-of-Concept Electrochemical Cytosensor Based on Chlamydomonas reinhardtii Functionalized Carbon Black Screen-Printed Electrodes: Detection of Escherichia coli in Wastewater as a Case Study. Biosensors, 2022, 12, 401.	4.7	4
143	Chapter 14 Electrochemical biosensors for heavy metals based on enzyme inhibition. Comprehensive Analytical Chemistry, 2007, 49, 299-310.	1.3	3
144	Voltammetric Sensing of Amino Acids in the Presence of Cu(II) in Acidic and Alkaline Solutions. Electroanalysis, 2012, 24, 1047-1055.	2.9	3

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145	How to extend range linearity in enzyme inhibition-based biosensing assays. Talanta, 2018, 189, 365-369.	5.5	3
146	Development of a Novel Electrochemical Sensor Based on Functionalized Carbon Black for the Detection of Guanine Released from DNA Hydrolysis. Electroanalysis, 2023, 35, .	2.9	3
147	Third International Workshop on Biosensors for Food Safety and Environmental Monitoring Fez, Morocco, 18â€“20 October 2007. Mikrochimica Acta, 2008, 163, 147-148.	5.0	2
148	Biorecognition elements. , 2022, , 41-70.		2
149	Formulation dâ€™une huile dâ€™olive de bonne qualitÃ©. OCL - Oilseeds and Fats, Crops and Lipids, 2014, 21, D507.	1.4	1
150	An Amperometric Sensor for the Selective Determination of Ortho-Diphenols in Olive Oil. Lecture Notes in Electrical Engineering, 2011, , 361-365.	0.4	1
151	Investigation of batch measurements with immobilized enzyme reactors and amperometric electrodes. Electroanalysis, 1995, 7, 785-787.	2.9	0
152	Procedure 20 Determination of methyl mercury in fish tissue using electrochemical glucose oxidase biosensors based on invertase inhibition. Comprehensive Analytical Chemistry, 2007, 49, e139-e149.	1.3	0
153	The Ninth International Symposium on Kinetics in Analytical Chemistry (9th KAC). Analytical and Bioanalytical Chemistry, 2007, 388, 1047-1047.	3.7	0
154	The Fourth International Workshop on Biosensors for Food Safety and Environmental Monitoring. Mikrochimica Acta, 2010, 170, 191-192.	5.0	0
155	Determination of Pesticides Based on Their Inhibitory Action on Acetylcholinesterase Using a 2-Phase System. Analytical Letters, 2013, 46, 1419-1429.	1.8	0