

# Lauro Tatsuo Kubota

## List of Publications by Year in descending order

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347  
papers

14,270  
citations

15504

65  
h-index

38395

95  
g-index

354  
all docs

354  
docs citations

354  
times ranked

14012  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical point-of-care devices for monitoring waterborne pathogens: Protozoa, bacteria, and viruses – An overview. <i>Case Studies in Chemical and Environmental Engineering</i> , 2022, 5, 100182.	6.1	7
2	A copper-based metal-organic framework/reduced graphene oxide-modified electrode for electrochemical detection of paraquat. <i>Mikrochimica Acta</i> , 2022, 189, .	5.0	11
3	Distilling small volumes of crude oil. <i>Fuel</i> , 2021, 285, 119072.	6.4	8
4	Silver Inkjet-Printed Electrode on Paper for Electrochemical Sensing of Paraquat. <i>Chemosensors</i> , 2021, 9, 61.	3.6	21
5	Wireless Wearable Electrochemical Sensors: A Review. <i>Brazilian Journal of Analytical Chemistry</i> , 2021, 8, .	0.5	6
6	Antigenotoxic potential of the fermentation broth produced by <i>Paenibacillus polymyxa</i> RNC-D in vitro. <i>Future Microbiology</i> , 2021, 16, 471-485.	2.0	0
7	IL-6 and IL-10 are associated with disease severity and higher comorbidity in adults with COVID-19. <i>Cytokine</i> , 2021, 143, 155507.	3.2	30
8	Evaluation of PAMAM Dendrimers (G3, G4, and G5) in the Construction of a SPR-based Immunosensor for Cardiac Troponin T. <i>Analytical Sciences</i> , 2021, 37, 1007-1013.	1.6	11
9	Insights into the structure and function of the C-terminus of SGTs (small glutamine-rich) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50	2.6	1
10	Colloidal chemistry as a guide to design intended dispersions of carbon nanomaterials. <i>Materials Today Chemistry</i> , 2021, 21, 100526.	3.5	7
11	Recent advances in point-of-care biosensors for the diagnosis of neglected tropical diseases. <i>Sensors and Actuators B: Chemical</i> , 2021, 349, 130821.	7.8	12
12	Structure, Properties, and Electrochemical Sensing Applications of Graphene-Based Materials. <i>ChemElectroChem</i> , 2020, 7, 4508-4525.	3.4	34
13	Trends in Electrochemical Sensing. <i>ChemElectroChem</i> , 2020, 7, 3684-3685.	3.4	13
14	Paper-based electrochemical sensing devices. <i>Comprehensive Analytical Chemistry</i> , 2020, 89, 91-137.	1.3	23
15	Minipotentiostat controlled by smartphone on a micropipette: A versatile, portable, agile and accurate tool for electroanalysis. <i>Electrochimica Acta</i> , 2020, 341, 136048.	5.2	23
16	Charge Storage in Graphene Oxide: Impact of the Cation on Ion Permeability and Interfacial Capacitance. <i>Analytical Chemistry</i> , 2020, 92, 10300-10307.	6.5	7
17	Fabrication of microwell plates and microfluidic devices in polyester films using a cutting printer. <i>Analytica Chimica Acta</i> , 2020, 1119, 1-10.	5.4	19
18	On the structure and function of Sorghum bicolor CHIP (carboxyl terminus of Hsc70-interacting) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 6	3.6	2

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19	Emerging Considerations for the Future Development of Electrochemical Paper-Based Analytical Devices. <i>ChemElectroChem</i> , 2019, 6, 10-30.	3.4	70
20	A brief review on the strategy of developing SPR-based biosensors for application to the diagnosis of neglected tropical diseases. <i>Talanta</i> , 2019, 205, 120122.	5.5	49
21	Electrochemical sensing based on DNA nanotechnology. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 597-605.	11.4	38
22	<i>Trypanosoma cruzi</i> Virulence Factors for the Diagnosis of Chagas™ Disease. <i>ACS Infectious Diseases</i> , 2019, 5, 1813-1819.	3.8	10
23	Electron transfer in superlattice films based on self-assembled DNA-Gold nanoparticle. <i>Electrochimica Acta</i> , 2019, 318, 931-936.	5.2	5
24	Fabrication and electrochemical evaluation of micro-supercapacitors prepared by direct laser writing on free-standing graphite oxide paper. <i>Energy</i> , 2019, 179, 676-684.	8.8	82
25	TIMPZ: An Exquisite Building Block for Metal/Hydrogen Coordination Polymers. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2291-2294.	2.0	1
26	Sensitive Colorimetric Assay Based on Peroxidase-Like Activity of CeO <sub>2</sub> Nanoparticles Supported on SBA-15 Mesoporous Silica to Determination of H <sub>2</sub> O <sub>2</sub> . <i>ChemistrySelect</i> , 2019, 4, 2160-2167.	1.5	4
27	Studies on the effect of the J-domain on the substrate binding domain (SBD) of Hsp70 using a chimeric human J-SBD polypeptide. <i>International Journal of Biological Macromolecules</i> , 2019, 124, 111-120.	7.5	3
28	BrJAC: Eight Years Contributing to Analytical Chemistry. <i>Brazilian Journal of Analytical Chemistry</i> , 2019, 5, 1-1.	0.5	0
29	Electrochemical behavior of self-assembled DNA-gold nanoparticle lattice films. <i>Electrochemistry Communications</i> , 2018, 90, 51-55.	4.7	7
30	Insight into the Electro-Oxidation Mechanism of Glucose and Other Carbohydrates by CuO-Based Electrodes. <i>Analytical Chemistry</i> , 2018, 90, 3357-3365.	6.5	64
31	Direct Toner Printing: A Versatile Technology for Easy Fabrication of Flexible Miniaturized Electrodes. <i>Electroanalysis</i> , 2018, 30, 345-352.	2.9	8
32	Microwave-assisted synthesis of palladium nanoparticles intercalated nitrogen doped reduced graphene oxide and their electrocatalytic activity for direct-ethanol fuel cells. <i>Journal of Colloid and Interface Science</i> , 2018, 515, 160-171.	9.4	91
33	A novel approach for electroanalytical determinations employing discharge of pseudocapacitor by electroactive species. <i>Analytica Chimica Acta</i> , 2018, 1006, 1-9.	5.4	5
34	Visible LED light driven photoelectroanalytical detection of antibodies of visceral leishmaniasis based on electrodeposited CdS film sensitized with Au nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2018, 256, 682-690.	7.8	19
35	A simple, sensitive and reduced cost paper-based device with low quantity of chemicals for the early diagnosis of <i>Plasmodium falciparum</i> malaria using an enzyme-based colorimetric assay. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 2113-2120.	7.8	30
36	Development of a semigraphitic sulfur-doped ordered mesoporous carbon material for electroanalytical applications. <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 347-353.	7.8	22

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37	Supramolecular DNA origami nanostructures for use in bioanalytical applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 108, 88-97.	11.4	23
38	Phenol based redox mediators in electroanalysis. <i>Journal of Electroanalytical Chemistry</i> , 2018, 827, 230-252.	3.8	18
39	Gravity-assisted distillation on a chip: Fabrication, characterization, and applications. <i>Analytica Chimica Acta</i> , 2018, 1033, 128-136.	5.4	8
40	Dielectric barrier discharge plasma treatment of modified SU-8 for biosensing applications. <i>Biomedical Optics Express</i> , 2018, 9, 2168.	2.9	14
41	Electrochemical Biosensors in Point-of-Care Devices: Recent Advances and Future Trends. <i>ChemElectroChem</i> , 2017, 4, 778-794.	3.4	230
42	Versatile and low cost spectroelectrochemical cell for in situ study of electrode surfaces. <i>Electrochimica Acta</i> , 2017, 232, 150-155.	5.2	12
43	Controlled density of defects assisted perforated structure in reduced graphene oxide nanosheets-palladium hybrids for enhanced ethanol electro-oxidation. <i>Carbon</i> , 2017, 117, 137-146.	10.3	65
44	Electropolymerization of ferulic acid on multi-walled carbon nanotubes modified glassy carbon electrode as a versatile platform for NADH, dopamine and epinephrine separate detection. <i>Microchemical Journal</i> , 2017, 133, 460-467.	4.5	65
45	Intervening factors in the performance of a naked-eye microemulsification-based method and improvements in analytical frequency. <i>Analytical Methods</i> , 2017, 9, 3347-3355.	2.7	1
46	InP Nanowire Biosensor with Tailored Biofunctionalization: Ultrasensitive and Highly Selective Disease Biomarker Detection. <i>Nano Letters</i> , 2017, 17, 5938-5949.	9.1	111
47	Photoelectrochemical immunodiagnosis of canine leishmaniasis using cadmium-sulfide-sensitized zinc oxide modified with synthetic peptides. <i>Electrochemistry Communications</i> , 2017, 82, 75-79.	4.7	9
48	Direct laser writing of micro-supercapacitors on thick graphite oxide films and their electrochemical properties in different liquid inorganic electrolytes. <i>Journal of Colloid and Interface Science</i> , 2017, 507, 271-278.	9.4	72
49	Synthesis, structural and magnetic characterization of a copper(II) complex of 2,6-di(1H-imidazol-2-yl)pyridine and its application in copper-mediated polymerization catalysis. <i>Inorganica Chimica Acta</i> , 2017, 466, 456-463.	2.4	11
50	Recent Trends in Field-Effect Transistors-Based Immunosensors. <i>Chemosensors</i> , 2016, 4, 20.	3.6	78
51	Flow in a Paper-based Bioactive Channel – Study on Electrochemical Detection of Glucose and Uric Acid. <i>Electroanalysis</i> , 2016, 28, 2245-2252.	2.9	17
52	Synthesis of Surface Molecularly Imprinted Poly(methacrylic acid-hemin) on Carbon Nanotubes for the Voltammetric Simultaneous Determination of Antioxidants from Lipid Matrices and Biodiesel. <i>Electrochimica Acta</i> , 2016, 212, 322-332.	5.2	33
53	Application of a nanostructured platform and imprinted sol-gel film for determination of chlorogenic acid in food samples. <i>Talanta</i> , 2016, 156-157, 119-125.	5.5	29
54	Modulation of Electrochemical Properties of Graphene Oxide by Photochemical Reduction Using UV-Light Emitting Diodes. <i>ChemistrySelect</i> , 2016, 1, 1168-1175.	1.5	13

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55	Fabrication of interdigitated micro-supercapacitor devices by direct laser writing onto ultra-thin, flexible and free-standing graphite oxide films. <i>RSC Advances</i> , 2016, 6, 84769-84776.	3.6	77
56	Sensitive Electroanalytical Detection on GCE: the Case of Lipoic Acid and its Interaction with <i>N</i> -acetylcysteine and Glutathione. <i>Electroanalysis</i> , 2016, 28, 2818-2826.	2.9	5
57	Nanostructured cupric oxide electrode: An alternative to amperometric detection of carbohydrates in anion-exchange chromatography. <i>Analytica Chimica Acta</i> , 2016, 906, 89-97.	5.4	12
58	Integrated, paper-based potentiometric electronic tongue for the analysis of beer and wine. <i>Analytica Chimica Acta</i> , 2016, 918, 60-68.	5.4	70
59	Evaluation of enzyme immobilization methods for paper-based devices—A glucose oxidase study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 117, 551-559.	2.8	69
60	Multifunctional catalytic platform for peroxidase mimicking, enzyme immobilization and biosensing. <i>Biosensors and Bioelectronics</i> , 2016, 77, 746-751.	10.1	35
61	Tuning the electrochemical reduction of graphene oxide: structural correlations towards the electrooxidation of nicotinamide adenine dinucleotide hydride. <i>Electrochimica Acta</i> , 2016, 197, 194-199.	5.2	23
62	Ultrasensitive Biosensor for Detection of Organophosphorus Pesticides Based on a Macrocyclic Complex/Carbon Nanotubes Composite and 1-Methyl-3-octylimidazolium Tetrafluoroborate as Binder Compound. <i>Analytical Sciences</i> , 2015, 31, 29-35.	1.6	14
63	Cation-Dependent Stabilization of Electrogenerated Naphthalene Diimide Dianions in Porous Polymer Thin Films and Their Application to Electrical Energy Storage. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13225-13229.	13.8	86
64	Paper-Based Electronic Tongue. <i>Electroanalysis</i> , 2015, 27, 2357-2362.	2.9	28
65	Triboelectric effect as a new strategy for sealing and controlling the flow in paper-based devices. <i>Lab on a Chip</i> , 2015, 15, 1651-1655.	6.0	43
66	Electrochemical detection of dengue virus NS1 protein with a poly(allylamine)/carbon nanotube layered immunoelectrode. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 194-200.	3.2	70
67	Self-Assembly of Peptide Nanostructures onto an Electrode Surface for Nonenzymatic Oxygen Sensing. <i>Journal of Physical Chemistry C</i> , 2015, 119, 1038-1046.	3.1	22
68	Electrochemical Oxidation of Glassy Carbon Provides Similar Electrochemical Response as Graphene Oxide Prepared by Tour or Hummers Routes. <i>ChemElectroChem</i> , 2015, 2, 761-767.	3.4	25
69	Highly sensitive p-nitrophenol determination employing a new sensor based on N-Methylphenazonium methyl sulfate and graphene: Analysis in natural and treated waters. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 740-749.	7.8	26
70	Development and evaluation of a SPR-based immunosensor for detection of anti- <i>Trypanosoma cruzi</i> antibodies in human serum. <i>Sensors and Actuators B: Chemical</i> , 2015, 212, 287-296.	7.8	19
71	Synthetic 1,2,3-triazole-linked glycoconjugates bind with high affinity to human galectin-3. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 3414-3425.	3.0	26
72	An integrated platform for gas-diffusion separation and electrochemical determination of ethanol on fermentation broths. <i>Analytica Chimica Acta</i> , 2015, 875, 33-40.	5.4	11

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73	Electrocatalytic activity of activated niclosamide on multi-walled carbon nanotubes glassy carbon electrode toward NADH oxidation. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 2819-2829.	2.5	5
74	SPR analysis of the interaction between a recombinant protein of unknown function in <i>Leishmania infantum</i> immobilised on dendrimers and antibodies of the visceral leishmaniasis: A potential use in immunodiagnosis. <i>Biosensors and Bioelectronics</i> , 2015, 70, 275-281.	10.1	36
75	Microemulsification-based method: analysis of ethanol in fermentation broth of sugar cane. <i>Analytical Methods</i> , 2015, 7, 10061-10066.	2.7	5
76	Copper phthalocyanine modified SiO <sub>2</sub> /C electrode as a biomimetic electrocatalyst for 4-aminophenol in the development of an amperometric sensor. <i>RSC Advances</i> , 2015, 5, 87043-87050.	3.6	14
77	Microemulsification-Based Method: Analysis of Monoethylene Glycol in Samples Related to Natural Gas Processing. <i>Energy &amp; Fuels</i> , 2015, 29, 5649-5654.	5.1	5
78	Using QCM and SPR for the Kinetic Evaluation of the Binding Between A New Recombinant Chimeric Protein and Specific Antibodies of the Visceral Leishmaniasis. <i>Current Protein and Peptide Science</i> , 2015, 16, 782-790.	1.4	15
79	Development of a Selective and Sensitive Sensor for Urate Determination Based on Tris(1,10-phenantroline)copper(II) Bis(tetracyanoquinodimethanide) Adsorbed on Carbon Nanotubes. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	1
80	Low cost, simple three dimensional electrochemical paper-based analytical device for determination of p-nitrophenol. <i>Electrochimica Acta</i> , 2014, 130, 771-777.	5.2	137
81	A Novel Sensor Based on Manganese azo-Macrocycle/Carbon Nanotubes to Perform the Oxidation and Reduction Processes of Two Diphenol Isomers. <i>Electroanalysis</i> , 2014, 26, 602-611.	2.9	9
82	Selective determination of caffeic acid in wines with electrochemical sensor based on molecularly imprinted siloxanes. <i>Sensors and Actuators B: Chemical</i> , 2014, 193, 238-246.	7.8	70
83	Reusable, Robust, and Accurate Laser-Generated Photonic Nanosensor. <i>Nano Letters</i> , 2014, 14, 3587-3593.	9.1	103
84	Application of Blind Source Separation Methods to Ion-Selective Electrode Arrays in Flow-Injection Analysis. <i>IEEE Sensors Journal</i> , 2014, 14, 2228-2229.	4.7	18
85	Critical View on Graphene Oxide Production and Its Transfer to Surfaces Aiming Electrochemical Applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 6478-6496.	0.9	7
86	Simple On-Plastic/Paper Inkjet-Printed Solid-State Ag/AgCl Pseudoreference Electrode. <i>Analytical Chemistry</i> , 2014, 86, 10531-10534.	6.5	82
87	Polyaniline nanofibers-graphene oxide nanoplatelets composite thin film electrodes for electrochemical capacitors. <i>RSC Advances</i> , 2014, 4, 34168-34178.	3.6	33
88	Preparation of copper sphere segment void templates for electrochemical SERS and their use to study the interaction of amino acids with copper under potentiostatic control. <i>Electrochimica Acta</i> , 2014, 144, 400-405.	5.2	14
89	Microfluidic paper-based devices for bioanalytical applications. <i>Bioanalysis</i> , 2014, 6, 89-106.	1.5	90
90	Electrochemical Detection of Nitrite in Meat and Water Samples Using a Mesoporous Carbon Ceramic SiO <sub>2</sub> /C Electrode Modified with In Situ Generated Manganese(II) Phthalocyanine. <i>Electroanalysis</i> , 2014, 26, 541-547.	2.9	36

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91	Microemulsification: An Approach for Analytical Determinations. <i>Analytical Chemistry</i> , 2014, 86, 9082-9090.	6.5	19
92	(Bio)Analytical research in Latin America. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 7561-7562.	3.7	1
93	A very low potential electrochemical detection of l-cysteine based on a glassy carbon electrode modified with multi-walled carbon nanotubes/gold nanorods. <i>Biosensors and Bioelectronics</i> , 2013, 50, 202-209.	10.1	86
94	Measuring the antioxidant capacity of blood plasma using potentiometry. <i>Analytical Biochemistry</i> , 2013, 441, 109-114.	2.4	14
95	Modified electrode using multi-walled carbon nanotubes and a metallopolymer for amperometric detection of l-cysteine. <i>Electrochimica Acta</i> , 2013, 113, 332-339.	5.2	24
96	DNA and graphene as a new efficient platform for entrapment of methylene blue (MB): Studies of the electrocatalytic oxidation of $\beta$ -nicotinamide adenine dinucleotide. <i>Electrochimica Acta</i> , 2013, 111, 543-551.	5.2	17
97	Highly Sensitive and Selective Basal Plane Pyrolytic Graphite Electrode Modified with 1,4-Naphthoquinone/MWCNT for Simultaneous Determination of Dopamine, Ascorbate and Urate. <i>Electroanalysis</i> , 2013, 25, 723-731.	2.9	18
98	An o-aminobenzoic acid film-based immunoelectrode for detection of the cardiac troponin T in human serum. <i>Biochemical Engineering Journal</i> , 2013, 71, 97-104.	3.6	25
99	In situ activated nanostructured platform for oxidized glutathione biosensing. <i>Electrochimica Acta</i> , 2013, 90, 309-316.	5.2	10
100	Preparation and electrochemical behavior of the CA/TiO <sub>2</sub> /Sb <sub>2</sub> O <sub>5</sub> composite electrode modified with p-benzoquinone. <i>Journal of Electroanalytical Chemistry</i> , 2013, 690, 74-82.	3.8	6
101	Development of a label-free immunosensor based on surface plasmon resonance technique for the detection of anti- <i>Leishmania infantum</i> antibodies in canine serum. <i>Biosensors and Bioelectronics</i> , 2013, 46, 22-29.	10.1	58
102	Development of a disposable and highly sensitive paper-based immunosensor for early diagnosis of Asian soybean rust. <i>Biosensors and Bioelectronics</i> , 2013, 45, 123-128.	10.1	35
103	One-step synthesis of polymer core-shell particles with a carboxylated ruthenium complex: a potential tool for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2013, 1, 2236.	5.8	10
104	Sensing approaches on paper-based devices: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 7573-7595.	3.7	437
105	Construction and Electrochemical Characterization of Microelectrodes for Improved Sensitivity in Paper-Based Analytical Devices. <i>Analytical Chemistry</i> , 2013, 85, 5233-5239.	6.5	78
106	Voltammetric method optimized by multi-response assays for the simultaneous measurements of uric acid and acetaminophen in urine in the presence of surfactant using MWCNT paste electrode. <i>Journal of Electroanalytical Chemistry</i> , 2013, 696, 52-58.	3.8	42
107	A new approach for paper-based analytical devices with electrochemical detection based on graphite pencil electrodes. <i>Sensors and Actuators B: Chemical</i> , 2013, 177, 224-230.	7.8	116
108	Dissolved O <sub>2</sub> sensor based on cobalt(II) phthalocyanine immobilized in situ on electrically conducting carbon ceramic mesoporous SiO <sub>2</sub> /C material. <i>Sensors and Actuators B: Chemical</i> , 2013, 177, 231-238.	7.8	22



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109	Immunospot assay based on fluorescent nanoparticles for Dengue fever detection. <i>Biosensors and Bioelectronics</i> , 2013, 41, 180-185.	10.1	45
110	Electrochemical Approaches Employed for Sensing the Antioxidant Capacity Exhibited by Vegetal Extracts: A Review. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2013, 16, 98-108.	1.1	1
111	Biosensors for Antioxidant Evaluation in Biological Systems. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2013, 16, 109-120.	1.1	1
112	Use of the optical lithography in the development of disposable carbon based electrodes. <i>Acta Scientiarum - Technology</i> , 2013, 35, .	0.4	0
113	Carbon Nanotube Based Sensor for Simultaneous Determination of Acetaminophen and Ascorbic Acid Exploiting Multiple Response Optimization and Measures in the Presence of Surfactant. <i>Electroanalysis</i> , 2012, 24, 2291-2301.	2.9	30
114	Chelidamic Acid as a New Eluent for the Determination of Fe(II) and Fe(III) Species and Other Metals by High Performance Chelation Ion Chromatography. <i>Chromatographia</i> , 2012, 75, 867-873.	1.3	10
115	Separation and electrochemical detection of paracetamol and 4-aminophenol in a paper-based microfluidic device. <i>Analytica Chimica Acta</i> , 2012, 725, 44-50.	5.4	191
116	Novel amperometric sensor based on mesoporous silica chemically modified with ensal copper complexes for selective and sensitive dopamine determination. <i>Sensors and Actuators B: Chemical</i> , 2012, 171-172, 712-718.	7.8	22
117	Construction of a new functional platform by grafting poly(4-vinylpyridine) in multi-walled carbon nanotubes for complexing copper ions aiming the amperometric detection of L-cysteine. <i>Electrochimica Acta</i> , 2012, 71, 150-158.	5.2	44
118	Sensing small neurotransmitter-enzyme interaction with nanoporous gated ion-sensitive field effect transistors. <i>Biosensors and Bioelectronics</i> , 2012, 31, 157-163.	10.1	11
119	A disposable voltammetric immunosensor based on magnetic beads for early diagnosis of soybean rust. <i>Sensors and Actuators B: Chemical</i> , 2012, 166-167, 135-140.	7.8	16
120	Electrochemical sensor based on imprinted sol-gel and nanomaterial for determination of caffeine. <i>Sensors and Actuators B: Chemical</i> , 2012, 166-167, 739-745.	7.8	54
121	Poly-xanthurenic acid modified electrodes: An amperometric sensor for the simultaneous determination of ascorbic and uric acids. <i>Sensors and Actuators B: Chemical</i> , 2012, 168, 289-296.	7.8	27
122	Enhancement of the detection limit for lateral flow immunoassays: Evaluation and comparison of bioconjugates. <i>Journal of Immunological Methods</i> , 2012, 375, 264-270.	1.4	106
123	A Nanostructured Piezoelectric Immunosensor for Detection of Human Cardiac Troponin T. <i>Sensors</i> , 2011, 11, 10785-10797.	3.8	34
124	Influence of microwave heating on fluoride, chloride, nitrate and sulfate concentrations in water. <i>Talanta</i> , 2011, 85, 2707-2710.	5.5	5
125	Biosensors based on gold nanostructures. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 3-20.	0.6	113
126	SiO <sub>2</sub> /C/Cu(II)phthalocyanine as a biomimetic catalyst for dopamine monooxygenase in the development of an amperometric sensor. <i>Electrochimica Acta</i> , 2011, 56, 10116-10121.	5.2	35



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127	Efficiency of hydrogels based on natural polysaccharides in the removal of Cd <sup>2+</sup> ions from aqueous solutions. <i>Chemical Engineering Journal</i> , 2011, 168, 68-76.	12.7	88
128	A hemin-based molecularly imprinted polymer (MIP) grafted onto a glassy carbon electrode as a selective sensor for 4-aminophenol amperometric. <i>Sensors and Actuators B: Chemical</i> , 2011, 152, 220-225.	7.8	65
129	Development of a Carbon Paste Electrode for Lactate Detection Based on Meldola's Blue Adsorbed on Silica Gel Modified with Niobium Oxide and Lactate Oxidase. <i>Electroanalysis</i> , 2011, 23, 1470-1477.	2.9	15
130	Synthesis and Electrochemical Characterization of Poly(2-methoxy-4-vinylphenol) with MWCNTs. <i>Electroanalysis</i> , 2011, 23, 2562-2568.	2.9	11
131	Novel electrochemical sensor for the selective recognition of chlorogenic acid. <i>Analytica Chimica Acta</i> , 2011, 695, 44-50.	5.4	55
132	Effect of magnetite on the adsorption behavior of Pb(II), Cd(II), and Cu(II) in chitosan-based hydrogels. <i>Desalination</i> , 2011, 275, 187-196.	8.2	150
133	Flow-based method for epinephrine determination using a solid reactor based on molecularly imprinted poly(FePPMAA-EGDMA). <i>Materials Science and Engineering C</i> , 2011, 31, 114-119.	7.3	29
134	A new high-performance chelation ion chromatographic system for the direct determination of trace transition metals in fuel ethanol. <i>Analytical Methods</i> , 2010, 2, 1565.	2.7	14
135	Dissolved oxygen amperometric sensor based on layer-by-layer assembly using host-guest supramolecular interactions. <i>Analytica Chimica Acta</i> , 2010, 664, 144-150.	5.4	42
136	The electrocatalytic activity of a supramolecular assembly of CoTsPc/FeT4MPyP on multi-walled carbon nanotubes towards L-glutathione, and its determination in human erythrocytes. <i>Mikrochimica Acta</i> , 2010, 171, 169-178.	5.0	18
137	An amperometric sensor for L-cysteine based on nanostructured platform modified with 5,5-dithiobis-2-nitrobenzoic acid (DTNB). <i>Sensors and Actuators B: Chemical</i> , 2010, 146, 213-220.	7.8	25
138	Development of a disposable amperometric biosensor for salicylate based on a plastic electrochemical microcell. <i>Biosensors and Bioelectronics</i> , 2010, 25, 2200-2204.	10.1	10
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