

Lauro Tatsuo Kubota

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

337
papers

11,905
citations

60
h-index

86
g-index

354
ext. papers

12,880
ext. citations

5
avg, IF

6.55
L-index

#	Paper	IF	Citations
337	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	7.5	0
336	Wireless Wearable Electrochemical Sensors: A Review 2021 , 8,		2
335	Antigenotoxic potential of the fermentation broth produced by RNC-D. <i>Future Microbiology</i> , 2021 , 16, 471-485	2.9	
334	IL-6 and IL-10 are associated with disease severity and higher comorbidity in adults with COVID-19. <i>Cytokine</i> , 2021 , 143, 155507	4	8
333	Distilling small volumes of crude oil. <i>Fuel</i> , 2021 , 285, 119072	7.1	2
332	Silver Inkjet-Printed Electrode on Paper for Electrochemical Sensing of Paraquat. <i>Chemosensors</i> , 2021 , 9, 61	4	7
331	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	1.7	4
330	Insights into the structure and function of the C-terminus of SGTs (small glutamine-rich TPR-containing proteins): A study of the <i>Aedes aegypti</i> homolog. <i>Biochimie</i> , 2021 , 187, 131-143	4.6	
329	Colloidal chemistry as a guide to design intended dispersions of carbon nanomaterials. <i>Materials Today Chemistry</i> , 2021 , 21, 100526	6.2	1
328	Recent advances in point-of-care biosensors for the diagnosis of neglected tropical diseases. <i>Sensors and Actuators B: Chemical</i> , 2021 , 130821	8.5	1
327	Paper-based electrochemical sensing devices. <i>Comprehensive Analytical Chemistry</i> , 2020 , 89, 91-137	1.9	7
326	Minipotentiostat controlled by smartphone on a micropipette: A versatile, portable, agile and accurate tool for electroanalysis. <i>Electrochimica Acta</i> , 2020 , 341, 136048	6.7	12
325	Charge Storage in Graphene Oxide: Impact of the Cation on Ion Permeability and Interfacial Capacitance. <i>Analytical Chemistry</i> , 2020 , 92, 10300-10307	7.8	2
324	Fabrication of microwell plates and microfluidic devices in polyester films using a cutting printer. <i>Analytica Chimica Acta</i> , 2020 , 1119, 1-10	6.6	6
323	On the structure and function of Sorghum bicolor CHIP (carboxyl terminus of Hsc70-interacting protein): A link between chaperone and proteasome systems. <i>Plant Science</i> , 2020 , 296, 110506	5.3	1
322	Structure, Properties, and Electrochemical Sensing Applications of Graphene-Based Materials. <i>ChemElectroChem</i> , 2020 , 7, 4508-4525	4.3	12
321	Virulence Factors for the Diagnosis of Chagas' Disease. <i>ACS Infectious Diseases</i> , 2019 , 5, 1813-1819	5.5	3

320	Electron transfer in superlattice films based on self-assembled DNA-Gold nanoparticle. <i>Electrochimica Acta</i> , 2019 , 318, 931-936	6.7	3
319	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	7.9	63
318	TIMPZ: An Exquisite Building Block for Metal/Hydrogen Coordination Polymers. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2291-2294	2.3	
317	Sensitive Colorimetric Assay Based on Peroxidase-Like Activity of CeO ₂ Nanoparticles Supported on SBA-15 Mesoporous Silica to Determination of H ₂ O ₂ . <i>ChemistrySelect</i> , 2019 , 4, 2160-2167	1.8	3
316	Emerging Considerations for the Future Development of Electrochemical Paper-Based Analytical Devices. <i>ChemElectroChem</i> , 2019 , 6, 10-30	4.3	50
315	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	6.2	23
314	Electrochemical sensing based on DNA nanotechnology. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 118, 597-605	14.6	22
313	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 ⁹	7.9	2
312	Electrochemical behavior of self-assembled DNA-gold nanoparticle lattice films. <i>Electrochemistry Communications</i> , 2018 , 90, 51-55	5.1	5
311	Insight into the Electro-Oxidation Mechanism of Glucose and Other Carbohydrates by CuO-Based Electrodes. <i>Analytical Chemistry</i> , 2018 , 90, 3357-3365	7.8	40
310	Direct Toner Printing: A Versatile Technology for Easy Fabrication of Flexible Miniaturized Electrodes. <i>Electroanalysis</i> , 2018 , 30, 345-352	3	3
309	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	9.3	57
308	A novel approach for electroanalytical determinations employing discharge of pseudocapacitor by electroactive species. <i>Analytica Chimica Acta</i> , 2018 , 1006, 1-9	6.6	4
307	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	8.5	17
306	A simple, sensitive and reduced cost paper-based device with low quantity of chemicals for the early diagnosis of Plasmodium falciparum malaria using an enzyme-based colorimetric assay. <i>Sensors and Actuators B: Chemical</i> , 2018 , 255, 2113-2120	8.5	22
305	Gravity-assisted distillation on a chip: Fabrication, characterization, and applications. <i>Analytica Chimica Acta</i> , 2018 , 1033, 128-136	6.6	6
304	Dielectric barrier discharge plasma treatment of modified SU-8 for biosensing applications. <i>Biomedical Optics Express</i> , 2018 , 9, 2168-2175	3.5	9
303	Development of a semigraphitic sulfur-doped ordered mesoporous carbon material for electroanalytical applications. <i>Sensors and Actuators B: Chemical</i> , 2018 , 257, 347-353	8.5	17

302	Supramolecular DNA origami nanostructures for use in bioanalytical applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 108, 88-97	14.6	17
301	Phenol based redox mediators in electroanalysis. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 827, 230-252	2.2	9
300	Electrochemical Biosensors in Point-of-Care Devices: Recent Advances and Future Trends. <i>ChemElectroChem</i> , 2017 , 4, 778-794	4.3	155
299	Versatile and low cost spectroelectrochemical cell for in situ study of electrode surfaces. <i>Electrochimica Acta</i> , 2017 , 232, 150-155	6.7	10
298	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	10.4	51
297	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	4.8	42
296	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	3.2	1
295	InP Nanowire Biosensor with Tailored Biofunctionalization: Ultrasensitive and Highly Selective Disease Biomarker Detection. <i>Nano Letters</i> , 2017 , 17, 5938-5949	11.5	73
294	Photoelectrochemical immunodiagnosis of canine leishmaniasis using cadmium-sulfide-sensitized zinc oxide modified with synthetic peptides. <i>Electrochemistry Communications</i> , 2017 , 82, 75-79	5.1	9
293	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	9.3	61
292	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	2.7	8
291	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	6.7	17
290	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	3.7	67
289	Sensitive Electroanalytical Detection on GCE: the Case of Lipoic Acid and its Interaction with N-acetylcysteine and Glutathione. <i>Electroanalysis</i> , 2016 , 28, 2818-2826	3	4
288	Nanostructured cupric oxide electrode: An alternative to amperometric detection of carbohydrates in anion-exchange chromatography. <i>Analytica Chimica Acta</i> , 2016 , 906, 89-97	6.6	7
287	Integrated, paper-based potentiometric electronic tongue for the analysis of beer and wine. <i>Analytica Chimica Acta</i> , 2016 , 918, 60-8	6.6	55
286	Evaluation of enzyme immobilization methods for paper-based devices--A glucose oxidase study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 117, 551-9	3.5	58
285	Multifunctional catalytic platform for peroxidase mimicking, enzyme immobilization and biosensing. <i>Biosensors and Bioelectronics</i> , 2016 , 77, 746-51	11.8	31

284	Recent Trends in Field-Effect Transistors-Based Immunosensors. <i>Chemosensors</i> , 2016 , 4, 20	4	60
283	Flow in a Paper-based Bioactive Channel – Study on Electrochemical Detection of Glucose and Uric Acid. <i>Electroanalysis</i> , 2016 , 28, 2245-2252	3	14
282	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	6.7	22
281	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	6.2	24
280	Modulation of Electrochemical Properties of Graphene Oxide by Photochemical Reduction Using UV-Light Emitting Diodes. <i>ChemistrySelect</i> , 2016 , 1, 1168-1175	1.8	11
279	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	4.3	14
278	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	8.5	23
277	Development and evaluation of a SPR-based immunosensor for detection of anti-Trypanosoma cruzi antibodies in human serum. <i>Sensors and Actuators B: Chemical</i> , 2015 , 212, 287-296	8.5	16
276	Synthetic 1,2,3-triazole-linked glycoconjugates bind with high affinity to human galectin-3. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 3414-25	3.4	23
275	An integrated platform for gas-diffusion separation and electrochemical determination of ethanol on fermentation broths. <i>Analytica Chimica Acta</i> , 2015 , 875, 33-40	6.6	9
274	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	2.6	4
273	SPR analysis of the interaction between a recombinant protein of unknown function in Leishmania infantum immobilised on dendrimers and antibodies of the visceral leishmaniasis: A potential use in immunodiagnosis. <i>Biosensors and Bioelectronics</i> , 2015 , 70, 275-81	11.8	29
272	Microemulsification-based method: analysis of ethanol in fermentation broth of sugar cane. <i>Analytical Methods</i> , 2015 , 7, 10061-10066	3.2	4
271	Copper phthalocyanine modified SiO ₂ /C electrode as a biomimetic electrocatalyst for 4-aminophenol in the development of an amperometric sensor. <i>RSC Advances</i> , 2015 , 5, 87043-87050	3.7	12
270	Microemulsification-Based Method: Analysis of Monoethylene Glycol in Samples Related to Natural Gas Processing. <i>Energy & Fuels</i> , 2015 , 29, 5649-5654	4.1	4
269	Ultrasensitive biosensor for detection of organophosphorus pesticides based on a macrocycle complex/carbon nanotubes composite and 1-methyl-3-octylimidazolium tetrafluoroborate as binder compound. <i>Analytical Sciences</i> , 2015 , 31, 29-35	1.7	12
268	Cation-Dependent Stabilization of Electrogenerated Naphthalene Diimide Dianions in Porous Polymer Thin Films and Their Application to Electrical Energy Storage. <i>Angewandte Chemie</i> , 2015 , 127, 13423-13427	3.6	8
267	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, 13225-9	16.4	68

266	Paper-Based Electronic Tongue. <i>Electroanalysis</i> , 2015 , 27, 2357-2362	3	21
265	Triboelectric effect as a new strategy for sealing and controlling the flow in paper-based devices. <i>Lab on A Chip</i> , 2015 , 15, 1651-5	7.2	38
264	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	3.5	53
263	Self-Assembly of Peptide Nanostructures onto an Electrode Surface for Nonenzymatic Oxygen Sensing. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 1038-1046	3.8	19
262	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, 782-90	2.8	12
261	Low cost, simple three dimensional electrochemical paper-based analytical device for determination of p-nitrophenol. <i>Electrochimica Acta</i> , 2014 , 130, 771-777	6.7	116
260	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	3	8
259	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	8.5	55
258	Reusable, robust, and accurate laser-generated photonic nanosensor. <i>Nano Letters</i> , 2014 , 14, 3587-93	11.5	87
257	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	14
256	Critical View on graphene oxide production and its transfer to surfaces aiming electrochemical applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2014 , 14, 6478-96	1.3	6
255	Simple on-plastic/paper inkjet-printed solid-state Ag/AgCl pseudoreference electrode. <i>Analytical Chemistry</i> , 2014 , 86, 10531-4	7.8	65
254	Polyaniline nanofibers-graphene oxide nanoplatelets composite thin film electrodes for electrochemical capacitors. <i>RSC Advances</i> , 2014 , 4, 34168-34178	3.7	29
253	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	6.7	12
252	Microfluidic paper-based devices for bioanalytical applications. <i>Bioanalysis</i> , 2014 , 6, 89-106	2.1	80
251	Electrochemical Detection of Nitrite in Meat and Water Samples Using a Mesoporous Carbon Ceramic SiO ₂ /C Electrode Modified with In Situ Generated Manganese(II) Phthalocyanine. <i>Electroanalysis</i> , 2014 , 26, 541-547	3	30
250	Microemulsification: an approach for analytical determinations. <i>Analytical Chemistry</i> , 2014 , 86, 9082-90	7.8	13
249	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, 202-9	11.8	72

248	Measuring the antioxidant capacity of blood plasma using potentiometry. <i>Analytical Biochemistry</i> , 2013 , 441, 109-14	3.1	10
247	Modified electrode using multi-walled carbon nanotubes and a metallopolymer for amperometric detection of l-cysteine. <i>Electrochimica Acta</i> , 2013 , 113, 332-339	6.7	23
246	DNA and graphene as a new efficient platform for entrapment of methylene blue (MB): Studies of the electrocatalytic oxidation of Nicotinamide adenine dinucleotide. <i>Electrochimica Acta</i> , 2013 , 111, 543-551	6.7	14
245	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	3	15
244	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	4.2	20
243	In situ activated nanostructured platform for oxidized glutathione biosensing. <i>Electrochimica Acta</i> , 2013 , 90, 309-316	6.7	9
242	Preparation and electrochemical behavior of the CA/TiO ₂ /Sb ₂ O ₅ composite electrode modified with p-benzoquinone. <i>Journal of Electroanalytical Chemistry</i> , 2013 , 690, 74-82	4.1	6
241	Development of a label-free immunosensor based on surface plasmon resonance technique for the detection of anti-Leishmania infantum antibodies in canine serum. <i>Biosensors and Bioelectronics</i> , 2013 , 46, 22-9	11.8	50
240	Development of a disposable and highly sensitive paper-based immunosensor for early diagnosis of Asian soybean rust. <i>Biosensors and Bioelectronics</i> , 2013 , 45, 123-8	11.8	29
239	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, 2236-2244	7.3	10
238	Sensing approaches on paper-based devices: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 7573-95	4.4	356
237	Construction and electrochemical characterization of microelectrodes for improved sensitivity in paper-based analytical devices. <i>Analytical Chemistry</i> , 2013 , 85, 5233-9	7.8	69
236	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	4.1	40
235	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	8.5	99
234	Dissolved O ₂ sensor based on cobalt(II) phthalocyanine immobilized in situ on electrically conducting carbon ceramic mesoporous SiO ₂ /C material. <i>Sensors and Actuators B: Chemical</i> , 2013 , 177, 231-238	8.5	18
233	Immunospot assay based on fluorescent nanoparticles for Dengue fever detection. <i>Biosensors and Bioelectronics</i> , 2013 , 41, 180-5	11.8	39
232	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	1.3	
231	Biosensors for Antioxidant Evaluation in Biological Systems. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2013 , 16, 109-120	1.3	1

230	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	6.7	38
229	Sensing small neurotransmitter-enzyme interaction with nanoporous gated ion-sensitive field effect transistors. <i>Biosensors and Bioelectronics</i> , 2012 , 31, 157-63	11.8	10
228	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	8.5	14
227	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	8.5	44
226	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	8.5	24
225	Enhancement of the detection limit for lateral flow immunoassays: evaluation and comparison of bioconjugates. <i>Journal of Immunological Methods</i> , 2012 , 375, 264-70	2.5	95
224	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	3	25
223	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	2.1	7
222	Separation and electrochemical detection of paracetamol and 4-aminophenol in a paper-based microfluidic device. <i>Analytica Chimica Acta</i> , 2012 , 725, 44-50	6.6	170
221	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	8.5	21
220	A nanostructured piezoelectric immunosensor for detection of human cardiac troponin T. <i>Sensors</i> , 2011 , 11, 10785-97	3.8	31
219	Influence of microwave heating on fluoride, chloride, nitrate and sulfate concentrations in water. <i>Talanta</i> , 2011 , 85, 2707-10	6.2	4
218	Biosensors based on gold nanostructures. <i>Journal of the Brazilian Chemical Society</i> , 2011 , 22, 3-20	1.5	86
217	SiO ₂ /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	6.7	32
216	Efficiency of hydrogels based on natural polysaccharides in the removal of Cd ²⁺ ions from aqueous solutions. <i>Chemical Engineering Journal</i> , 2011 , 168, 68-76	14.7	75
215	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	8.5	55
214	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	3	13
213	Synthesis and Electrochemical Characterization of Poly(2-methoxy-4-vinylphenol) with MWCNTs. <i>Electroanalysis</i> , 2011 , 23, 2562-2568	3	9

212	Novel electrochemical sensor for the selective recognition of chlorogenic acid. <i>Analytica Chimica Acta</i> , 2011 , 695, 44-50	6.6	42
211	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	10.3	117
210	Flow-based method for epinephrine determination using a solid reactor based on molecularly imprinted poly(FePP-MAA-GDMA). <i>Materials Science and Engineering C</i> , 2011 , 31, 114-119	8.3	28
209	Kinetic studies of HRP adsorption on ds-DNA immobilized on gold electrode surface by EIS and SPR. <i>Journal of the Brazilian Chemical Society</i> , 2010 , 21, 1648-1655	1.5	6
208	Development of an electroactive layer-by-layer assembly based on host-guest supramolecular interactions. <i>Journal of Electroanalytical Chemistry</i> , 2010 , 639, 36-42	4.1	5
207	Electrochemical detection in a paper-based separation device. <i>Analytical Chemistry</i> , 2010 , 82, 1162-5	7.8	183
206	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	3.2	13
205	Dissolved oxygen amperometric sensor based on layer-by-layer assembly using host-guest supramolecular interactions. <i>Analytica Chimica Acta</i> , 2010 , 664, 144-50	6.6	34
204	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	5.8	17
203	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	8.5	23
202	Development of a disposable amperometric biosensor for salicylate based on a plastic electrochemical microcell. <i>Biosensors and Bioelectronics</i> , 2010 , 25, 2200-4	11.8	10
201	Poly-xanthurenic acid as an efficient mediator for the electrocatalytic oxidation of NADH. <i>Electrochemistry Communications</i> , 2010 , 12, 450-454	5.1	36
200	Manganese phthalocyanine as a biomimetic electrocatalyst for phenols in the development of an amperometric sensor. <i>Journal of the Brazilian Chemical Society</i> , 2009 , 20, 1180-1187	1.5	24
199	Giant enhancement of light emission from Au nanocrystals into a porous matrix integrated with silicon platform. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 2592-7	1.3	
198	Modified Carbon Paste Electrode for Kinetic Investigation and Simultaneous Determination of Ascorbic and Uric Acids. <i>Electroanalysis</i> , 2009 , 21, 2311-2320	3	8
197	FAD-modified SiO ₂ /ZrO ₂ /C ceramic electrode for electrocatalytic reduction of bromate and iodate. <i>Journal of Solid State Electrochemistry</i> , 2009 , 13, 377-383	2.6	25
196	Nickel hydroxide electrodes as amperometric detectors for carbohydrates in flow injection analysis and liquid chromatography. <i>Journal of Electroanalytical Chemistry</i> , 2009 , 636, 18-23	4.1	53
195	In situ activated 3,5-dinitrobenzoic acid covalent attached to nanostructured platform for NADH electrooxidation. <i>Electrochimica Acta</i> , 2009 , 54, 6609-6616	6.7	25

194	Electrochemical and spectroscopic evidences of the interaction between DNA and Pt(II)(dppf)-complex. <i>BioMetals</i> , 2009 , 22, 385-92	3.4	4
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10	Use of ruthenium(II)-ethylenedinitro-tetraacetic acid monohydrate ion immobilized on zirconium(IV) oxide coated silica gel surface as an amperometric sensor for oxygen in water. <i>Analytical Proceedings</i> , 1995 , 32, 503-505		19
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