

Maria Goreti Ferreira Sales

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.

178
papers

3,393
citations

33
h-index

45
g-index

189
ext. papers

4,041
ext. citations

6.2
avg, IF

5.97
L-index

#	Paper	IF	Citations
178	An all-in-one approach for self-powered sensing: A methanol fuel cell modified with a molecularly imprinted polymer for cancer biomarker detection. <i>Journal of Electroanalytical Chemistry</i> , 2022 , 906, 116009	4.1	0
177	Flexible sensing devices integrating molecularly-imprinted polymers for the detection of 3-nitrotyrosine biomarker. <i>Biosensors and Bioelectronics: X</i> , 2022 , 10, 100107	2.9	1
176	The modulatory role of internet-supported mindfulness-based cognitive therapy on extracellular vesicles and psychological distress in people who have had cancer: a protocol for a two-armed randomized controlled study.. <i>Trials</i> , 2022 , 23, 118	2.8	0
175	Paper-based aptasensor for colorimetric detection of osteopontin.. <i>Analytica Chimica Acta</i> , 2022 , 1198, 339557	6.6	0
174	Biosensors: concept and importance in point-of-care disease diagnosis 2022 , 59-84		0
173	Poly(Thionine)-Modified Screen-Printed Electrodes for CA 19-9 Detection and Its Properties in Raman Spectroscopy. <i>Chemosensors</i> , 2022 , 10, 92	4	1
172	Cellulose-based hydrogel on quantum dots with molecularly imprinted polymers for the detection of CA19-9 protein cancer biomarker.. <i>Mikrochimica Acta</i> , 2022 , 189, 134	5.8	2
171	Potentiometric Biosensor Based on Artificial Antibodies for an Alzheimer Biomarker Detection. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 3625	2.6	1
170	PEDOT-graphene counter-electrode for solar and improved artificial light conversion in regular, bifacial and FTO-less cobalt mediated DSSCs. <i>Electrochimica Acta</i> , 2022 , 412, 140140	6.7	0
169	Recent advances in virus imprinted polymers. <i>Biosensors and Bioelectronics: X</i> , 2022 , 10, 100131	2.9	2
168	A molecularly imprinted photonic polymer based on an inverse opal structure for sensing D-dimer at the point-of-care.. <i>Talanta</i> , 2022 , 243, 123387	6.2	0
167	Carbon Electrodes with Gold Nanoparticles for the Electrochemical Detection of miRNA 21-5p. <i>Chemosensors</i> , 2022 , 10, 189	4	1
166	Laser-Induced Graphene on Paper toward Efficient Fabrication of Flexible, Planar Electrodes for Electrochemical Sensing. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2101502	4.6	6
165	Paper-Based Biosensors for COVID-19: A Review of Innovative Tools for Controlling the Pandemic. <i>ACS Omega</i> , 2021 , 6, 29268-29290	3.9	9
164	Secreted Extracellular Vesicle Molecular Cargo as a Novel Liquid Biopsy Diagnostics of Central Nervous System Diseases. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	7
163	Imprinted Fluorescent Cellulose Membranes for the On-Site Detection of Myoglobin in Biological Media.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 4224-4235	4.1	7
162	Molecular Imprinting on Nanozymes for Sensing Applications. <i>Biosensors</i> , 2021 , 11,	5.9	3

161	Electrochemistry-Assisted Surface Plasmon Resonance Biosensor for Detection of CA 15-3. <i>Analytical Chemistry</i> , 2021 , 93, 7815-7824	7.8	5
160	Development of an electrochemical biosensor for Galectin-3 detection in point-of-care. <i>Microchemical Journal</i> , 2021 , 164, 105992	4.8	7
159	Plastic Antibody of Polypyrrole/Multiwall Carbon Nanotubes on Screen-Printed Electrodes for Cystatin C Detection. <i>Biosensors</i> , 2021 , 11,	5.9	3
158	SERS and electrochemical impedance spectroscopy immunoassay for carcinoembryonic antigen. <i>Electrochimica Acta</i> , 2021 , 366, 137377	6.7	7
157	Fabrication and modification of homemade paper-based electrode systems. <i>Talanta</i> , 2021 , 224, 121861	6.2	6
156	A passive direct methanol fuel cell as transducer of an electrochemical sensor, applied to the detection of carcinoembryonic antigen. <i>Biosensors and Bioelectronics</i> , 2021 , 175, 112877	11.8	21
155	Innovative screen-printed electrodes on cork composite substrates applied to sulfadiazine electrochemical sensing. <i>Journal of Electroanalytical Chemistry</i> , 2021 , 880, 114922	4.1	5
154	Employing bacteria machinery for antibiotic detection: Using DNA gyrase for ciprofloxacin detection. <i>Chemical Engineering Journal</i> , 2021 , 409, 128135	14.7	6
153	Selection of a new peptide homing SK-BR-3 breast cancer cells. <i>Chemical Biology and Drug Design</i> , 2021 , 97, 893-903	2.9	
152	Electrochemical Point-of Care (PoC) Determination of Interleukin-6 (IL-6) Using a Pyrrole (Py) Molecularly Imprinted Polymer (MIP) on a Carbon-Screen Printed Electrode (C-SPE). <i>Analytical Letters</i> , 2021 , 54, 2611-2623	2.2	7
151	Electrochemical immunosensor for detection of CA 15-3 biomarker in point-of-care. <i>Sensing and Bio-Sensing Research</i> , 2021 , 33, 100445	3.3	3
150	Bottom-up microwave-assisted seed-mediated synthesis of gold nanoparticles onto nanocellulose to boost stability and high performance for SERS applications. <i>Applied Surface Science</i> , 2021 , 561, 150060	6.7	6
149	Rational selection of hidden epitopes for a molecularly imprinted electrochemical sensor in the recognition of heat-denatured dengue NS1 protein. <i>Biosensors and Bioelectronics</i> , 2021 , 191, 113419	11.8	6
148	Highly sensitive electrochemical immunosensor using a protein-polyvinylidene fluoride nanocomposite for human thyroglobulin. <i>Bioelectrochemistry</i> , 2021 , 142, 107888	5.6	2
147	Paper-Based Platform with an In Situ Molecularly Imprinted Polymer for β Amyloid. <i>ACS Omega</i> , 2020 , 5, 12057-12066	3.9	12
146	Paper-based (bio)sensor for label-free detection of 3-nitrotyrosine in human urine samples using molecular imprinted polymer. <i>Sensing and Bio-Sensing Research</i> , 2020 , 28, 100333	3.3	18
145	A biomimetic photonic crystal sensor for label-free detection of urinary venous thromboembolism biomarker. <i>Sensors and Actuators B: Chemical</i> , 2020 , 312, 127947	8.5	12
144	Laser-Induced Graphene-Based Platforms for Dual Biorecognition of Molecules. <i>ACS Applied Nano Materials</i> , 2020 , 3, 2795-2803	5.6	27

143	In-situ production of Histamine-imprinted polymeric materials for electrochemical monitoring of fish. <i>Sensors and Actuators B: Chemical</i> , 2020 , 311, 127902	8.5	13
142	A cellulose-based colour test-strip for equipment-free drug detection on-site: application to sulfadiazine in aquatic environment. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	1
141	Electrochemistry-assisted surface plasmon resonance detection of miRNA-145 at femtomolar level. <i>Sensors and Actuators B: Chemical</i> , 2020 , 316, 128129	8.5	8
140	Label-free quantum dot conjugates for human protein IL-2 based on molecularly imprinted polymers. <i>Sensors and Actuators B: Chemical</i> , 2020 , 304, 127343	8.5	19
139	Molecularly Imprinted Solid Phase Extraction Aiding the Analysis of Disease Biomarkers. <i>Critical Reviews in Analytical Chemistry</i> , 2020 , 1-16	5.2	2
138	Nanocellulose- based biosensor for colorimetric detection of glucose. <i>Sensing and Bio-Sensing Research</i> , 2020 , 29, 100368	3.3	11
137	Photonics in nature and bioinspired designs: sustainable approaches for a colourful world. <i>Nanoscale Advances</i> , 2020 , 2, 5106-5129	5.1	14
136	Coupling gold nanoparticles to Dye-Sensitized Solar Cells for an increased efficiency. <i>Electrochimica Acta</i> , 2019 , 300, 102-112	6.7	9
135	Avoiding the Interference of Doxorubicin with MTT Measurements on the MCF-7 Breast Cancer Cell Line. <i>Methods and Protocols</i> , 2019 , 2,	2.5	7
134	Self-powered and self-signalled autonomous electrochemical biosensor applied to carcinoembryonic antigen determination. <i>Biosensors and Bioelectronics</i> , 2019 , 140, 111320	11.8	13
133	An impedimetric molecularly-imprinted biosensor for Interleukin-1 α determination, prepared by in-situ electropolymerization on carbon screen-printed electrodes. <i>Bioelectrochemistry</i> , 2019 , 130, 107287	5.6	22
132	Photovoltaics, plasmonics, plastic antibodies and electrochromism combined for a novel generation of self-powered and self-signalled electrochemical biomimetic sensors. <i>Biosensors and Bioelectronics</i> , 2019 , 137, 72-81	11.8	5
131	Carcinoembryonic antigen imprinting by electropolymerization on a common conductive glass support and its determination in serum samples. <i>Sensors and Actuators B: Chemical</i> , 2019 , 287, 53-63	8.5	14
130	Dye-Sensitized Solar Cells for Efficient Solar and Artificial Light Conversion. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 13464-13470	8.3	15
129	Molecularly imprinted polymer SPE sensor for analysis of CA-125 on serum. <i>Analytica Chimica Acta</i> , 2019 , 1082, 126-135	6.6	40
128	Biosensors for Rapid Detection of Breast Cancer Biomarkers 2019 , 71-103		7
127	Dual biorecognition by combining molecularly-imprinted polymer and antibody in SERS detection. Application to carcinoembryonic antigen. <i>Biosensors and Bioelectronics</i> , 2019 , 146, 111761	11.8	39
126	Enzymatic Self-powered Biosensing Devices 2019 , 505-519		1

125	Autonomous biosensing device merged with photovoltaic technology for cancer biomarker detection. <i>Journal of Electroanalytical Chemistry</i> , 2019 , 855, 113611	4.1	4
124	Molecularly-imprinted chloramphenicol sensor with laser-induced graphene electrodes. <i>Biosensors and Bioelectronics</i> , 2019 , 124-125, 167-175	11.8	91
123	Redox probe-free readings of a Amyloid-42 plastic antibody sensory material assembled on copper@carbon nanotubes. <i>Sensors and Actuators B: Chemical</i> , 2018 , 264, 1-9	8.5	25
122	Disposable electrochemical detection of breast cancer tumour marker CA 15-3 using poly(Toluidine Blue) as imprinted polymer receptor. <i>Biosensors and Bioelectronics</i> , 2018 , 109, 246-254	11.8	52
121	A dye-sensitized solar cell acting as the electrical reading box of an immunosensor: Application to CEA determination. <i>Biosensors and Bioelectronics</i> , 2018 , 107, 94-102	11.8	12
120	Novel electro-polymerized protein-imprinted materials using Eriochrome black T: Application to BSA sensing. <i>Electrochimica Acta</i> , 2018 , 262, 214-225	6.7	16
119	Homemade 3-carbon electrode system for electrochemical sensing: Application to microRNA detection. <i>Microchemical Journal</i> , 2018 , 138, 35-44	4.8	18
118	Biosensor-based selective detection of Zika virus specific antibodies in infected individuals. <i>Biosensors and Bioelectronics</i> , 2018 , 113, 101-107	11.8	51
117	Plastic antibodies tailored on quantum dots for an optical detection of myoglobin down to the femtomolar range. <i>Scientific Reports</i> , 2018 , 8, 4944	4.9	28
116	In-situ generated molecularly imprinted material for chloramphenicol electrochemical sensing in waters down to the nanomolar level. <i>Sensors and Actuators B: Chemical</i> , 2018 , 256, 420-428	8.5	39
115	Wax-printed paper-based device for direct electrochemical detection of 3-nitrotyrosine. <i>Electrochimica Acta</i> , 2018 , 284, 60-68	6.7	30
114	Aptamer-Based Biosensors to Detect Aquatic Phycotoxins and Cyanotoxins. <i>Sensors</i> , 2018 , 18,	3.8	44
113	Antibody Biomimetic Material Made of Pyrrole for CA 15-3 and Its Application as Sensing Material in Ion-Selective Electrodes for Potentiometric Detection. <i>Biosensors</i> , 2018 , 8,	5.9	13
112	Sensing CA 15-3 in point-of-care by electropolymerizing O-phenylenediamine (oPDA) on Au-screen printed electrodes. <i>PLoS ONE</i> , 2018 , 13, e0196656	3.7	25
111	A Planar Electrochromic Device using WO ₃ Nanoparticles and a Modified Paper-Based Electrolyte. <i>Proceedings (mdpi)</i> , 2018 , 2, 1065	0.3	2
110	Biomimetic materials assembled on a photovoltaic cell as a novel biosensing approach to cancer biomarker detection. <i>Scientific Reports</i> , 2018 , 8, 10205	4.9	14
109	Artificial receptors for the electrochemical detection of bacterial flagellar filaments from <i>Proteus mirabilis</i> . <i>Sensors and Actuators B: Chemical</i> , 2017 , 244, 732-741	8.5	18
108	Detecting circulating antibodies by controlled surface modification with specific target proteins: Application to malaria. <i>Biosensors and Bioelectronics</i> , 2017 , 91, 833-841	11.8	24

107	A saliva molecular imprinted localized surface plasmon resonance biosensor for wine astringency estimation. <i>Food Chemistry</i> , 2017 , 233, 457-466	8.5	29
106	Electrochemical detection of cardiac biomarker myoglobin using polyphenol as imprinted polymer receptor. <i>Analytica Chimica Acta</i> , 2017 , 981, 41-52	6.6	48
105	Novel biomimetic composite material for potentiometric screening of acetylcholine, a neurotransmitter in Alzheimer's disease. <i>Materials Science and Engineering C</i> , 2017 , 79, 541-549	8.3	20
104	New electrochemically-derived plastic antibody on a simple conductive paper support for protein detection: Application to BSA. <i>Sensors and Actuators B: Chemical</i> , 2017 , 243, 1127-1136	8.5	16
103	Autonomous electrochemical biosensors: A new vision to direct methanol fuel cells. <i>Biosensors and Bioelectronics</i> , 2017 , 98, 428-436	11.8	10
102	Paper-Based Sensing Device for Electrochemical Detection of Oxidative Stress Biomarker 8-Hydroxy-2-Deoxyguanosine (8-OHdG) in Point-of-Care. <i>Scientific Reports</i> , 2017 , 7, 14558	4.9	42
101	Smart naturally plastic antibody based on poly(β -cyclodextrin) polymer for β -amyloid-42 soluble oligomer detection. <i>Sensors and Actuators B: Chemical</i> , 2017 , 240, 229-238	8.5	21
100	Imprinting Technology in Electrochemical Biomimetic Sensors. <i>Sensors</i> , 2017 , 17,	3.8	44
99	Conductive Paper with Antibody-Like Film for Electrical Readings of Biomolecules. <i>Scientific Reports</i> , 2016 , 6, 26132	4.9	19
98	8-hydroxy-2-deoxyguanosine (8-OHdG) biomarker detection down to picoMolar level on a plastic antibody film. <i>Biosensors and Bioelectronics</i> , 2016 , 86, 225-234	11.8	29
97	Protein Imprinted Material electrochemical sensor for determination of Annexin A3 in biological samples. <i>Electrochimica Acta</i> , 2016 , 190, 887-893	6.7	10
96	Novel and simple electrochemical biosensor monitoring attomolar levels of miRNA-155 in breast cancer. <i>Biosensors and Bioelectronics</i> , 2016 , 80, 621-630	11.8	113
95	Molecular Imprinting of Complex Matrices at Localized Surface Plasmon Resonance Biosensors for Screening of Global Interactions of Polyphenols and Proteins. <i>ACS Sensors</i> , 2016 , 1, 258-264	9.2	24
94	Protein imprinted materials designed with charged binding sites on screen-printed electrode for microseminoprotein-beta determination in biological samples. <i>Sensors and Actuators B: Chemical</i> , 2016 , 223, 846-852	8.5	5
93	Testing the variability of PSA expression by different human prostate cancer cell lines by means of a new potentiometric device employing molecularly antibody assembled on graphene surface. <i>Materials Science and Engineering C</i> , 2016 , 59, 1069-1078	8.3	14
92	An ultrasensitive human cardiac troponin T graphene screen-printed electrode based on electropolymerized-molecularly imprinted conducting polymer. <i>Biosensors and Bioelectronics</i> , 2016 , 77, 978-85	11.8	78
91	Screen-printed electrode produced by printed-circuit board technology. Application to Cancer Biomarker Detection by means of plastic antibody as sensing material. <i>Sensors and Actuators B: Chemical</i> , 2016 , 223, 927-935	8.5	64
90	Antidepressants detection and quantification in whole blood samples by GC-MS/MS, for forensic purposes. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 128, 496-503	3.5	30

89	Plastic antibody for the electrochemical detection of bacterial surface proteins. <i>Sensors and Actuators B: Chemical</i> , 2016 , 233, 697-704	8.5	36
88	Synthesis of molecular biomimetics 2015 , 3-31		1
87	Detection of cardiac biomarker proteins using a disposable based on a molecularly imprinted polymer grafted onto graphite. <i>Mikrochimica Acta</i> , 2015 , 182, 975-983	5.8	21
86	Development of paper-based color test-strip for drug detection in aquatic environment: Application to oxytetracycline. <i>Biosensors and Bioelectronics</i> , 2015 , 65, 54-61	11.8	46
85	Sol-gel-based biosensing applied to medicinal science. <i>Current Topics in Medicinal Chemistry</i> , 2015 , 15, 245-55	3	8
84	Sol-gel chemistry in biosensing devices of electrical transduction: application to CEA cancer biomarker. <i>Current Topics in Medicinal Chemistry</i> , 2015 , 15, 256-61	3	4
83	Novel sensory surface for creatine kinase electrochemical detection. <i>Biosensors and Bioelectronics</i> , 2014 , 56, 217-22	11.8	38
82	Protein-responsive polymers for point-of-care detection of cardiac biomarker. <i>Sensors and Actuators B: Chemical</i> , 2014 , 196, 123-132	8.5	69
81	Disposable immunosensor using a simple method for oriented antibody immobilization for label-free real-time detection of an oxidative stress biomarker implicated in cancer diseases. <i>Biosensors and Bioelectronics</i> , 2014 , 53, 193-9	11.8	41
80	Graphene-based biomimetic materials targeting urine metabolite as potential cancer biomarker: application over different conductive materials for potentiometric transduction. <i>Electrochimica Acta</i> , 2014 , 150, 99-107	6.7	9
79	Chitosan/AuNPs Modified Graphene Electrochemical Sensor for Label-Free Human Chorionic Gonadotropin Detection. <i>Electroanalysis</i> , 2014 , 26, 2591-2598	3	16
78	Backside-surface imprinting as a new strategy to generate specific plastic antibody materials. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 3087-3095	7.3	9
77	Label-free human chorionic gonadotropin detection at picogram levels using oriented antibodies bound to graphene screen-printed electrodes. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 1852-1865	7.3	52
76	Specific label-free and real-time detection of oxidized low density lipoprotein (oxLDL) using an immunosensor with three monoclonal antibodies. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 477-484	7.3	8
75	Sarcosine oxidase composite screen-printed electrode for sarcosine determination in biological samples. <i>Analytica Chimica Acta</i> , 2014 , 850, 26-32	6.6	41
74	New molecularly-imprinted polymer for carnitine and its application as ionophore in potentiometric selective membranes. <i>Materials Science and Engineering C</i> , 2014 , 43, 481-7	8.3	10
73	Multifunctional biosensor based on localized surface plasmon resonance for monitoring small molecule-protein interaction. <i>ACS Nano</i> , 2014 , 8, 7958-67	16.7	53
72	Novel Prostate Specific Antigen plastic antibody designed with charged binding sites for an improved protein binding and its application in a biosensor of potentiometric transduction. <i>Electrochimica Acta</i> , 2014 , 132, 142-150	6.7	42

71	Novel single-wall carbon nanotube screen-printed electrode as an immunosensor for human chorionic gonadotropin. <i>Electrochimica Acta</i> , 2014 , 136, 323-329	6.7	29
70	Electrochemical biosensor based on biomimetic material for myoglobin detection. <i>Electrochimica Acta</i> , 2013 , 107, 481-487	6.7	69
69	New and low cost plastic membrane electrode with low detection limits for sulfadimethoxine determination in aquaculture waters. <i>Journal of Electroanalytical Chemistry</i> , 2013 , 709, 39-45	4.1	12
68	Recycling old screen-printed electrodes with newly designed plastic antibodies on the wall of carbon nanotubes as sensory element for in situ detection of bacterial toxins in water. <i>Sensors and Actuators B: Chemical</i> , 2013 , 189, 21-29	8.5	22
67	A label-free DNA aptamer-based impedance biosensor for the detection of E. coli outer membrane proteins. <i>Sensors and Actuators B: Chemical</i> , 2013 , 181, 766-772	8.5	54
66	Smart plastic antibody material (SPAM) tailored on disposable screen printed electrodes for protein recognition: application to myoglobin detection. <i>Biosensors and Bioelectronics</i> , 2013 , 45, 237-44	11.8	74
65	Novel biosensing device for point-of-care applications with plastic antibodies grown on Au-screen printed electrodes. <i>Sensors and Actuators B: Chemical</i> , 2013 , 182, 733-740	8.5	29
64	Protein-polyphenol interaction on silica beads for astringency tests based on eye, photography or reflectance detection modes. <i>Analytical Methods</i> , 2013 , 5, 2694	3.2	3
63	Host-Tailored Sensors for Leucomalachite Green Potentiometric Measurements. <i>Journal of Chemistry</i> , 2013 , 2013, 1-13	2.3	6
62	Haemoglobin smart plastic antibody material tailored with charged binding sites on silica nanoparticles: its application as an ionophore in potentiometric transduction. <i>RSC Advances</i> , 2013 , 3, 26210	3.7	8
61	Assessing and comparing the total antioxidant capacity of commercial beverages: application to beers, wines, waters and soft drinks using TRAP, TEAC and FRAP methods. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2013 , 16, 22-31	1.3	14
60	Optimizing potentiometric ionophore and electrode design for environmental on-site control of antibiotic drugs: application to sulfamethoxazole. <i>Biosensors and Bioelectronics</i> , 2012 , 35, 319-326	11.8	8
59	Label-free Detection of Microcystin-LR in Waters Using Real-Time Potentiometric Biosensors Based on Single-Walled Carbon Nanotubes Imprinted Polymers. <i>Procedia Engineering</i> , 2012 , 47, 758-761		2
58	SPR based Studies for Pentagalloyl Glucose Binding to α -Amylase. <i>Procedia Engineering</i> , 2012 , 47, 498-501		3
57	Determination of microcystin-LR in waters in the subnanomolar range by sol-gel imprinted polymers on solid contact electrodes. <i>Analyst, The</i> , 2012 , 137, 2437-44	5	9
56	Novel optical PVC probes for on-site detection/determination of fluoroquinolones in a solid/liquid interface: application to the determination of Norfloxacin in aquaculture water. <i>Biosensors and Bioelectronics</i> , 2012 , 36, 199-206	11.8	14
55	Solid contact PVC membrane electrodes based on neutral or charged carriers for the selective reading of anionic sulfamethoxazole and their application to the analysis of aquaculture water. <i>International Journal of Environmental Analytical Chemistry</i> , 2012 , 92, 479-495	1.8	5
54	Surface Imprinting Approach on Screen Printed Electrodes Coated with Carboxylated PVC for Myoglobin detection with Electrochemical Transduction. <i>Procedia Engineering</i> , 2012 , 47, 865-868		10

53	The effect of method, standard and sample components on the total antioxidant capacity of commercial waters assessed by optical conventional assays. <i>Food Chemistry</i> , 2012 , 134, 564-571	8.5	4
52	Removal of ionic metals from wastewaters of COD determinations. <i>International Journal of Environment and Waste Management</i> , 2012 , 10, 177	0.9	
51	Sulfadiazine-selective determination in aquaculture environment: selective potentiometric transduction by neutral or charged ionophores. <i>Talanta</i> , 2011 , 85, 1508-16	6.2	22
50	Molecularly-Imprinted Materials for Potentiometric Transduction: Application to the Antibiotic Enrofloxacin. <i>Analytical Letters</i> , 2011 , 44, 2107-2123	2.2	12
49	Sulphonamide-imprinted sol-gel materials as ionophores in potentiometric transduction. <i>Materials Science and Engineering C</i> , 2011 , 31, 1784-1790	8.3	12
48	Myoglobin-biomimetic electroactive materials made by surface molecular imprinting on silica beads and their use as ionophores in polymeric membranes for potentiometric transduction. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 4760-6	11.8	51
47	Artificial antibodies for troponin T by its imprinting on the surface of multiwalled carbon nanotubes: its use as sensory surfaces. <i>Biosensors and Bioelectronics</i> , 2011 , 28, 243-50	11.8	67
46	Novel LTCC-potentiometric microfluidic device for biparametric analysis of organic compounds carrying plastic antibodies as ionophores: application to sulfamethoxazole and trimethoprim. <i>Biosensors and Bioelectronics</i> , 2011 , 30, 197-203	11.8	26
45	Biomimetic norfloxacin sensors made of molecularly-imprinted materials for potentiometric transduction. <i>Mikrochimica Acta</i> , 2011 , 172, 15-23	5.8	27
44	Disposable solid state probe for optical screening of chlorpromazine. <i>Mikrochimica Acta</i> , 2011 , 175, 323-331	3.1	6
43	Rapid automated method for on-site determination of sulfadiazine in fish farming: a stainless steel veterinary syringe coated with a selective membrane of PVC serving as a potentiometric detector in a flow-injection-analysis system. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 401, 3355-65	4.4	8
42	Selective recognition in potentiometric transduction of amoxicillin by molecularly imprinted materials. <i>European Food Research and Technology</i> , 2011 , 232, 39-50	3.4	14
41	Microcystin-LR detection in water by the Fabry-Pérot interferometer using an optical fibre coated with a sol-gel imprinted sensing membrane. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 3932-7	11.8	31
40	Ciprofloxacin-imprinted polymeric receptors as ionophores for potentiometric transduction. <i>Electrochimica Acta</i> , 2011 , 56, 2017-2023	6.7	21
39	New sensing materials of molecularly-imprinted polymers for the selective recognition of Chlortetracycline. <i>Microchemical Journal</i> , 2011 , 97, 173-181	4.8	35
38	Trimethoprim-selective electrodes with molecularly imprinted polymers acting as ionophores and potentiometric transduction on graphite solid-contact. <i>Microchemical Journal</i> , 2011 , 98, 21-28	4.8	16
37	Biomimetic sensors of molecularly-imprinted polymers for chlorpromazine determination. <i>Materials Science and Engineering C</i> , 2011 , 31, 1121-1128	8.3	22
36	A Solid Binding Matrix/Mimic Receptor-Based Sensor System for Trace Level Determination of Iron Using Potential Measurements. <i>International Journal of Electrochemistry</i> , 2011 , 2011, 1-10	2.4	4

35	Biomimetic Sensor Potentiometric System for Doxycycline Antibiotic Using a Molecularly Imprinted Polymer as an Artificial Recognition Element. <i>Sensor Letters</i> , 2011 , 9, 1654-1660	0.9	11
34	Control and comparison of the antioxidant capacity of beers. <i>Food Research International</i> , 2010 , 43, 1702-1709	49	
33	New biomimetic sensors for the determination of tetracycline in biological samples: Batch and flow mode operations. <i>Analytical Methods</i> , 2010 , 2, 2039	3.2	26
32	Optical cavity fibre sensor for detection of microcystin-LR in water 2010 ,		2
31	Man-tailored biomimetic sensor of molecularly imprinted materials for the potentiometric measurement of oxytetracycline. <i>Biosensors and Bioelectronics</i> , 2010 , 26, 566-74	11.8	48
30	Gold electrode modified by self-assembled monolayers of thiols to determine DNA sequences hybridization. <i>Journal of Chemical Sciences</i> , 2010 , 122, 911-917	1.8	23
29	Sensors for the Detection and Quantification of Bacterial Contamination in Water for Human Use. <i>Advanced Engineering Materials</i> , 2010 , 12, B175-B178	3.5	3
28	New potentiometric sensors based on two competitive recognition sites for determining tetracycline residues using flow-through system. <i>Procedia Engineering</i> , 2010 , 5, 1200-1203		12
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25	Ecotoxicity tests using the green algae <i>Chlorella vulgaris</i> --a useful tool in hazardous effluents management. <i>Journal of Hazardous Materials</i> , 2009 , 167, 179-85	12.8	36
24	Selective sensors for sulfadiazine potentiometric transduction. <i>Procedia Chemistry</i> , 2009 , 1, 1031-1034		1
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22	Sulfadiazine-potentiometric sensors for flow and batch determinations of sulfadiazine in drugs and biological fluids. <i>Analytical Sciences</i> , 2009 , 25, 365-71	1.7	30
21	Rapid determination of tartaric acid in wines. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2009 , 12, 712-22	1.3	1
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19	Flow amperometric determination of carbofuran and fenobucarb. <i>International Journal of Environmental Analytical Chemistry</i> , 2008 , 88, 37-49	1.8	8
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