CITATION REPORT List of articles citing

Microelectrodes. Definitions, characterization, and applications (Technical report)

DOI: 10.1351/pac200072081483 Pure and Applied Chemistry, 2000, 72, 1483-92.

Source: https://exaly.com/paper-pdf/31913623/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
291	Voltammetric lability of metal complexes at spherical microelectrodes with various radii. <i>Journal of Electroanalytical Chemistry</i> , 2001 , 505, 85-94	4.1	99
290	Steady-state limiting currents at finite conical microelectrodes. <i>Analytical Chemistry</i> , 2002 , 74, 1986-92	7.8	107
289	Gold Nanoparticles as Fine Tuners of Electrochemical Properties of the Electrode/Solution Interface. 2002 , 18, 9947-9952		98
288	Cr(VI) and Ce(III) Inhibition of Oxygen Reduction on Copper. <i>Journal of the Electrochemical Society</i> , 2002 , 149, B47	3.9	56
287	Optimization of the geometry and porosity of microelectrode arrays for sensor design. <i>Analytical Chemistry</i> , 2002 , 74, 5717-25	7.8	73
286	Colloid chemical approach to nanoelectrode ensembles with highly controllable active area fraction. <i>Analytical Chemistry</i> , 2002 , 74, 3599-604	7.8	105
285	Stripping chronopotentiometry at scanned deposition potential (SSCP) <i>Journal of Electroanalytical Chemistry</i> , 2002 , 536, 129-140	4.1	66
284	Stripping chronopotentiometry at scanned deposition potential (SSCP): Part 3. Irreversible electrode reactions. <i>Journal of Electroanalytical Chemistry</i> , 2003 , 556, 93-102	4.1	19
283	A Microelectrode Based Impedance Immunosensor for Detection of E. coli O157:H7 in Foods. 2004 ,		
282	Anodic and cathodic models for interpreting polarisation behaviour of ceramic-coated substrates containing pre-existing coating breaches. 2004 , 39, 143-151		
281	Bead-based immunoassays with microelectrode detection. 2004 , 379, 358-67		34
280	Advantages of the application of programmed currents to microelectrodes. <i>Journal of Electroanalytical Chemistry</i> , 2004 , 569, 185-195	4.1	17
279	The role of electrochemical reactions during electrophoretic particle deposition. 2004 , 278, 146-54		16
278	Molecular assembly of redox-conductive ferrocene-streptavidin conjugatestowards bio-electrochemical devices. <i>Biosensors and Bioelectronics</i> , 2004 , 20, 545-52	11.8	24
277	Voltammetric determination of the geometrical parameters of inlaid microdisks with shields of thickness comparable to the electrode radius. <i>Analytical Chemistry</i> , 2004 , 76, 6575-81	7.8	11
276	Electrochemical and Surface Study of Ferrocenoyl Oligopeptides. 2004, 108, 704-714		43
275	Metal speciation dynamics and bioavailability: bulk depletion effects. 2004 , 38, 2397-405		40

274	Fully Electrical Microarrays. 2005 , 247-277		3
273	The pathways towards the steady state E/t and I/E responses when using an alternating current. Journal of Electroanalytical Chemistry, 2005 , 580, 179-192	4.1	1
272	Enhancement of the sensitivity of electrochemical stripping analysis by evaporative concentration using a super-hydrophobic surface. 2005 , 6, 671-677		17
271	Label-free impedance detection of oligonucleotide hybridisation on interdigitated ultramicroelectrodes using electrochemical redox probes. <i>Biosensors and Bioelectronics</i> , 2005 , 21, 645-5	4 ^{1.8}	70
270	Steady State Reciprocal Derivative Chronopotentiometry with Programmed Currents at Microelectrodes. <i>Electroanalysis</i> , 2005 , 17, 674-684	3	12
269	Microelectrode Applications of Pulsed Electrochemical Detection. <i>Electroanalysis</i> , 2005 , 17, 1141-1152	3	24
268	Electroanalytical method for determination of the pesticide dichlorvos using gold-disk microelectrodes. 2005 , 382, 1720-5		19
267	On-line coupling of a microelectrode array equipped poly(dimethylsiloxane) microchip with an integrated graphite electrospray emitter for electrospray ionisation mass spectrometry. <i>Lab on A Chip</i> , 2005 , 5, 1008-16	7.2	31
266	Metal speciation dynamics in colloidal ligand dispersions. 2005 , 21, 8635-42		43
265	The Application of Microelectrodes for the Measurements of Trace Metals in Water. 2005 , 38, 2281-230	0	38
264	Electrochemical microfluidic biosensor for the detection of nucleic acid sequences. <i>Lab on A Chip</i> , 2006 , 6, 414-21	7.2	108
263	Behavior of a Microelectrode with a Concentrated Enzyme-Immobilized Layer. 2006 ,		
262	Electrochemical properties of carbon nanotube (CNT) film electrodes prepared by controllable adsorption of CNTs onto an alkanethiol monolayer self-assembled on gold electrodes. <i>Analytical Chemistry</i> , 2006 , 78, 2651-7	7.8	93
261	Nanografting: modeling and simulation. 2006 , 128, 11563-73		21
260	DNA hybridization detection on electrical microarrays using coulostatic pulse technique. <i>Biosensors and Bioelectronics</i> , 2006 , 22, 744-51	11.8	21
259	Custom-designed high-density conformal planar multielectrode arrays for brain slice electrophysiology. 2006 , 152, 116-29		41
258	Exploration of the global antioxidant capacity of the stratum corneum by cyclic voltammetry. 2006 , 40, 162-7		18
257	Metal speciation dynamics in colloidal ligand dispersions. Part 2: Electrochemical lability. <i>Journal of Electroanalytical Chemistry</i> , 2006 , 587, 284-292	4.1	10

256	Planar electrochemical sensors for biomedical applications. 2006 , 28, 934-43		37
255	Microchip Capillary Electrophoresis-Electrochemistry with Rigid Graphite-Epoxy Composite Detector. <i>Electroanalysis</i> , 2006 , 18, 207-210	3	12
254	Study of the Electrochemical Behavior and Sensitive Detection of Pesticides Using Microelectrodes Allied to Square-Wave Voltammetry. <i>Electroanalysis</i> , 2006 , 18, 862-872	3	46
253	Atomic Force Microscopy Characterization of a Microcontact Printed, Self-Assembled Thiol Monolayer for Use in Biosensors. 2006 , 39, 1721-1734		15
252	Nanoelectrode Ensembles Using Carbon Nanopipettes. 2006 , 9, H43		8
251	Nanofabrication of electrode arrays by electron-beam and nanoimprint lithographies. <i>Lab on A Chip</i> , 2006 , 6, 1020-5	7.2	95
250	Microfabricated needle-type sensors for pO/sub 2/, pCO/sub 2/, and pH. <i>IEEE Sensors Journal</i> , 2006 , 6, 11-18	4	14
249	Chapter 8 Voltammetric sensors for the determination of antioxidant properties in dermatology and cosmetics. 2007 , 49, 163-180		2
248	Nanowire Integrated Microelectrode Arrays for Neuroelectronic Applications. 2007,		
247	Macroporous ultramicroelectrodes for improved electroanalytical measurements. <i>Analytical Chemistry</i> , 2007 , 79, 533-9	7.8	133
247		7.8	133
	Chemistry, 2007 , 79, 533-9	7.8	
246	Chemistry, 2007, 79, 533-9 Classical Experiments. 2007, 431-469	7.8	11
246 245	Chemistry, 2007, 79, 533-9 Classical Experiments. 2007, 431-469 Applications of microelectrodes to problems in chemical oceanography. 2007, 107, 590-600	7.8 3.8	11
246 245 244	Classical Experiments. 2007, 431-469 Applications of microelectrodes to problems in chemical oceanography. 2007, 107, 590-600 Nanowire integrated microelectrode arrays for lab-on-a-chip applications. 2007, Carbon-based Composite Electrodes: Preparation, Characterization and Application in		35
246 245 244 243	Classical Experiments. 2007, 431-469 Applications of microelectrodes to problems in chemical oceanography. 2007, 107, 590-600 Nanowire integrated microelectrode arrays for lab-on-a-chip applications. 2007, Carbon-based Composite Electrodes: Preparation, Characterization and Application in Electroanalysis. Sensors, 2007, 7, 2626-2635		35
246 245 244 243	Classical Experiments. 2007, 431-469 Applications of microelectrodes to problems in chemical oceanography. 2007, 107, 590-600 Nanowire integrated microelectrode arrays for lab-on-a-chip applications. 2007, Carbon-based Composite Electrodes: Preparation, Characterization and Application in Electroanalysis. Sensors, 2007, 7, 2626-2635 Single-cell microelectrochemistry. 2007, 46, 8760-77		11 35 20 141

(2008-2007)

238	Enzyme electrode formed by evaporative concentration and its performance characterization. <i>Biosensors and Bioelectronics</i> , 2007 , 22, 3154-60	11.8	8
237	Conical recessed gold microelectrode arrays produced during photolithographic methods: Characterisation and causes. <i>Electrochemistry Communications</i> , 2007 , 9, 879-885	5.1	20
236	Heat-transference of toner masks onto conductive substrates: A rapid and easy way to produce microelectrode ensembles. <i>Electrochemistry Communications</i> , 2007 , 9, 1091-1096	5.1	10
235	Characterization of ultramicroelectrode arrays combining electrochemical techniques and optical microscopy imaging. <i>Electrochimica Acta</i> , 2007 , 53, 729-736	6.7	29
234	The use of microelectrodes with AGNES. Journal of Electroanalytical Chemistry, 2007, 606, 134-140	4.1	21
233	Fabrication of microsensors using unmodified office inkjet printers. <i>Sensors and Actuators B: Chemical</i> , 2007 , 123, 749-756	8.5	32
232	Optimized carbon nanotube fiber microelectrodes as potential analytical tools. 2007 , 389, 499-505		33
231	Adsorptive stripping chronopotentiometry (AdSCP). Part 1: Fundamental features. <i>Journal of Electroanalytical Chemistry</i> , 2007 , 610, 9-16	4.1	9
230	A comparison of diffusion-limited currents at microelectrodes of various geometries for EC? reactions. <i>Electrochimica Acta</i> , 2008 , 53, 3566-3578	6.7	18
229	Electroconductive and photocurrent generation properties of self-assembled monolayers formed by functionalized, conformationally-constrained peptides on gold electrodes. 2008 , 14, 184-91		30
228	Advanced electrodes with nanostructured surfaces for electrochemical microsensors. 2008, 205, 1435-	1438	5
227	The development of a membrane-covered microelectrode array gas sensor for oxygen and carbon dioxide measurement. <i>Sensors and Actuators B: Chemical</i> , 2008 , 135, 224-229	8.5	10
226	Characteristics of new composite- and classical potentiometric sensors for the determination of pioglitazone in some pharmaceutical formulations. 2008 , 48, 57-61		26
225	Scanning electrochemical microscopy (SECM) as a tool in biosensor research. 2008 , 109, 455-92		13
224	Underpotential deposition-anodic stripping voltammetric detection of copper at gold nanoparticle-modified ultramicroelectrode arrays. 2008 , 42, 4877-82		41
223	The dependence of spectral impedance on disc microelectrode radius. 2008, 55, 1457-60		30
222	Electrical/electrochemical impedance for rapid detection of foodborne pathogenic bacteria. 2008 , 26, 135-50		399
221	Nanoelectronic interface for lab-on-a-chip devices. 2008 , 2, 55-61		3

220	Magnet-assisted assembly of 1-dimensional hollow PtCo nanomaterials on an electrode surface. 2008 , 18, 923	30
219	Scanning Electrochemical Imprinting Microscopy: A Tool for Surface Patterning. <i>Journal of the Electrochemical Society</i> , 2008 , 155, D203	27
218	Impact of ligand protonation on higher-order metal complexation kinetics in aqueous systems. 2008 , 112, 2563-71	7
217	Metal speciation dynamics in monodisperse soft colloidal ligand suspensions. 2008 , 112, 7137-51	20
216	Inkjet-printed thiol self-assembled monolayer structures on gold: quality control and microarray electrode fabrication. 2008 , 24, 9110-7	18
215	Very high density sensing arrays. 2008 , 108, 614-37	176
214	Towards multifunctional microelectrode arrays. <i>Analyst, The</i> , 2008 , 133, 1060-3	4
213	Microelectrochemical Systems. 2008,	
212	??????????????~. 2008 , 59, 876-881	1
211	Electrochemical techniques and sensors for ocean research. 2009 , 5, 697-710	17
210	High Pressure and Temperature Electrochemical Cell Design for Corrosion Research: Part I. 2009 , 19, 3-20	2
209	Optimization of an electrochemical DNA assay by using a 48-electrode array and redox amplification studies by means of scanning electrochemical microscopy. 2009 , 10, 1193-9	25
208	Microfabricated Amperometric Cells for Multicomponent Analysis. <i>Electroanalysis</i> , 2009 , 21, 1944-1954 3	6
207	Gold nanoparticle-modified ultramicroelectrode arrays for biosensing: a comparative assessment. 2009 , 75, 176-81	32
206	New oxygen evolution anodes for metal electrowinning: MnO2 composite electrodes. <i>Journal of Applied Electrochemistry</i> , 2009 , 39, 1835-1848	37
205	Development of a voltammetric electronic tongue for discrimination of edible oils. 2009 , 395, 1135-43	64
204	Evaporative concentration of a microdroplet for highly sensitive detection of trace heavy metal ions in real samples. 2009 , 4, 365-371	3
203	Characterization and fabrication of disposable screen printed microelectrodes. <i>Electrochemistry Communications</i> , 2009 , 11, 1377-1380	52

(2010-2009)

202	Carbon paste-based ion-selective dual function microelectrodes for SECM measurements. <i>Electrochimica Acta</i> , 2009 , 54, 3225-3232	6.7	14
201	Interdigitated array microelectrodes based impedance biosensors for detection of bacterial cells. <i>Biosensors and Bioelectronics</i> , 2009 , 24, 2951-60	11.8	262
200	Diffusion of molecules in ionic liquids/organic solvent mixtures. Example of the reversible reduction of O2 to superoxide. 2009 , 113, 2019-23		41
199	Metal speciation dynamics in soft colloidal ligand suspensions. Electrostatic and site distribution aspects. 2009 , 113, 2275-93		21
198	Short term copper toxicity on Microcystis aeruginosa and Chlorella vulgaris using flow cytometry. 2009 , 94, 255-64		76
197	Carbon Composite Electrodes Applied for Electrochemical Sensors. 2009 , 179-189		3
196	Electrochemical immunochip sensor for aflatoxin M1 detection. <i>Analytical Chemistry</i> , 2009 , 81, 5291-8	7.8	76
195	Sensors for Environment, Health and Security. 2009 ,		5
194	Electrochemical Gas Sensors. 2009 ,		
193	Microelectrodes for Electroanalytical Chemistry. 2010,		
193 192	Microelectrodes for Electroanalytical Chemistry. 2010, Redox cycling effect on the surface-enhanced Raman scattering signal of crystal violet molecules at nanostructured interdigitated array electrodes. 2010, 26, 19-24		9
	Redox cycling effect on the surface-enhanced Raman scattering signal of crystal violet molecules at		9
192	Redox cycling effect on the surface-enhanced Raman scattering signal of crystal violet molecules at nanostructured interdigitated array electrodes. 2010 , 26, 19-24		9
192 191	Redox cycling effect on the surface-enhanced Raman scattering signal of crystal violet molecules at nanostructured interdigitated array electrodes. 2010 , 26, 19-24 Modified Nanoparticles as Nanoelectrocatalysts and Amplifying Sensors. 2010 , 297-318	11.8	
192 191 190	Redox cycling effect on the surface-enhanced Raman scattering signal of crystal violet molecules at nanostructured interdigitated array electrodes. 2010, 26, 19-24 Modified Nanoparticles as Nanoelectrocatalysts and Amplifying Sensors. 2010, 297-318 Bio-sensing using recessed gold-filled capillary amperometric electrodes. 2010, 398, 1687-94 A single carbon fiber microelectrode with branching carbon nanotubes for bioelectrochemical	11.8	10
192 191 190	Redox cycling effect on the surface-enhanced Raman scattering signal of crystal violet molecules at nanostructured interdigitated array electrodes. 2010, 26, 19-24 Modified Nanoparticles as Nanoelectrocatalysts and Amplifying Sensors. 2010, 297-318 Bio-sensing using recessed gold-filled capillary amperometric electrodes. 2010, 398, 1687-94 A single carbon fiber microelectrode with branching carbon nanotubes for bioelectrochemical processes. <i>Biosensors and Bioelectronics</i> , 2010, 25, 2343-50	11.8	10
192 191 190 189	Redox cycling effect on the surface-enhanced Raman scattering signal of crystal violet molecules at nanostructured interdigitated array electrodes. 2010, 26, 19-24 Modified Nanoparticles as Nanoelectrocatalysts and Amplifying Sensors. 2010, 297-318 Bio-sensing using recessed gold-filled capillary amperometric electrodes. 2010, 398, 1687-94 A single carbon fiber microelectrode with branching carbon nanotubes for bioelectrochemical processes. <i>Biosensors and Bioelectronics</i> , 2010, 25, 2343-50 Functionalized nanopipettes: toward label-free, single cell biosensors. 2010, 1, 177-185 New oxygen evolution anodes for metal electrowinning: investigation of local physicochemical processes on composite electrodes with conductive atomic force microscopy and scanning		10 44 70

184	Microelectrochemistry of copper in NaCl solution: Comparison between conventional microelectrode and microelectrochemical cell. <i>Electrochemistry Communications</i> , 2010 , 12, 1230-1232	5.1	21
183	Characterization of metal-supported Al2O3 thin films by scanning electrochemical microscopy. 2010 , 518, 3625-3631		18
182	Ultramicroelectrode array based sensors: a promising analytical tool for environmental monitoring. <i>Sensors</i> , 2010 , 10, 475-90	3.8	35
181	Sonochemically fabricated microelectrode arrays for use as sensing platforms. <i>Sensors</i> , 2010 , 10, 5090-	1328	6
180	Simultaneous detection of reactive oxygen and nitrogen species released by a single macrophage by triple potential-step chronoamperometry. <i>Analytical Chemistry</i> , 2010 , 82, 1411-9	7.8	78
179	Study of Heterogeneous Electron Transfer on the Graphene/Self-Assembled Monolayer Modified Gold Electrode by Electrochemical Approaches. 2010 , 114, 14243-14250		66
178	Dynamic features of speciation analysis by adsorptive stripping techniques. 2010 , 7, 242		3
177	Soft microelectrode linear array for scanning electrochemical microscopy. <i>Analytical Chemistry</i> , 2010 , 82, 10037-44	7.8	37
176	Electrochemical Tailoring of Catalyst Nanoparticles for CNT Spatial-Dimension Control. <i>Journal of the Electrochemical Society</i> , 2010 , 157, K47	3.9	9
175	Application of microelectrode voltammetry to study the properties of surfactant solutions: alkyltrimethylammonium bromides. 2010 , 114, 857-62		17
174	Difference between ultramicroelectrodes and microelectrodes: influence of natural convection. <i>Analytical Chemistry</i> , 2010 , 82, 6933-9	7.8	63
173	The development and characterisation of square microfabricated electrode systems. <i>Analyst, The</i> , 2010 , 135, 1058-65	5	23
172	Mass transport effects in CO bulk electrooxidation on Pt nanoparticles supported on vertically aligned carbon nanofilaments. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 15207-16	3.6	13
171	Cyclic Voltammetry of the EC? Mechanism at Hemispherical Particles and Their Arrays: The Split Wave. 2011 , 115, 11204-11215		48
170	Accurate Simulations of Electric Double Layer Capacitance of Ultramicroelectrodes. 2011 , 115, 16711-1	6719	191
169	Biological scanning electrochemical microscopy and its application to live cell studies. <i>Analytical Chemistry</i> , 2011 , 83, 1485-92	7.8	63
168	Cathodic preconcentration of f-elements on a mercury film carbon fiber disk microelectrode. <i>Analytical Chemistry</i> , 2011 , 83, 4788-93	7.8	6
167	Progress of Interdigitated Array Microelectrodes Based Impedance Immunosensor. <i>Chinese Journal of Analytical Chemistry</i> , 2011 , 39, 1601-1610	1.6	11

(2011-2011)

166	Applications of nanoscale carbon-based materials in heavy metal sensing and detection. <i>Analyst, The,</i> 2011 , 136, 4383-91	5	92
165	Polarographic and voltammetric determination of genotoxic 2-aminofluoren-9-one at mercury electrodes. 2011 , 76, 1775-1790		3
164	Fabrication of a NCD microelectrode array for amperometric detection with micrometer spatial resolution. 2011 , 20, 793-797		12
163	Simultaneous electrochemical determination of arsenic, copper, lead and mercury in unpolluted fresh waters using a vibrating gold microwire electrode. <i>Analytica Chimica Acta</i> , 2011 , 703, 1-7	6.6	106
162	Seeing big with scanning electrochemical microscopy. <i>Analytical Chemistry</i> , 2011 , 83, 1493-9	7.8	55
161	Crystallic silver amalgama novel electrode material. <i>Analyst, The</i> , 2011 , 136, 3656-62	5	32
160	Fabrication and Electrochemical Characterization of Micro- and Nanoelectrode Arrays for Sensor Applications. <i>Journal of Physics: Conference Series</i> , 2011 , 307, 012052	0.3	11
159	Versatile fabrication of self-assembled metallic nanoparticle arrays. 2011 , 21, 18431		14
158	Microelectrodes for voltammetry personal historical perspective. <i>Journal of Solid State Electrochemistry</i> , 2011 , 15, 1703-1710	2.6	4
157	Electrochemical sensing in solution B rigins, applications and future perspectives. <i>Journal of Solid State Electrochemistry</i> , 2011 , 15, 1487-1494	2.6	36
156	Studies of Edge Effects with Shroud-Modified Electrodes. <i>Electroanalysis</i> , 2011 , 23, 1543-1547	3	5
155	Some important combinations of detection techniques for electrophoresis in capillaries and on chips with emphasis on electrochemical principles. 2011 , 32, 795-810		28
154	Disposable lithographically fabricated bismuth microelectrode arrays for stripping voltammetric detection of trace metals. <i>Electrochemistry Communications</i> , 2011 , 13, 391-395	5.1	41
153	Microelectrode arrays for electroanalytical sensing: Comparison of electroplating and electron-beam metallisation. <i>Electrochemistry Communications</i> , 2011 , 13, 414-417	5.1	6
152	A new interdigitated array microelectrode-oxide-silicon sensor with label-free, high sensitivity and specificity for fast bacteria detection. <i>Sensors and Actuators B: Chemical</i> , 2011 , 156, 578-587	8.5	29
151	Amalgam Electrodes in Organic Electrochemistry. 2011 , 15, 2957-2969		61
150	Electrochemistry of Pesticides and its Analytical Applications. 2011 , 15, 2923-2935		41
149	Template-Assisted Fabrication and Characterization of Nanostructured Copper Electrode for Adenine Detection. 2011 , 7, 984-994		1

148	Boron Doped Diamond Microelectrodes and Microelectrode Arrays in Organic Electrochemistry. 2011 , 15, 3014-3028		55
147	Multichannel boron doped nanocrystalline diamond ultramicroelectrode arrays: design, fabrication and characterization. <i>Sensors</i> , 2012 , 12, 7669-81	3.8	35
146	3D-ordered layers of vertically aligned carbon nanofilaments as a model approach to study electrocatalysis on nanomaterials. <i>Electrochimica Acta</i> , 2012 , 84, 174-186	6.7	16
145	Electrochemical Methods. 2012 , 371-457		4
144	Design, fabrication, and test of a sensor array for perspective biosensing in chronic pathologies. 2012 ,		21
143	A rapid electrochemical procedure for the detection of Hg(0) produced by mercuric-reductase: application for monitoring Hg-resistant bacteria activity. 2012 , 46, 10675-81		15
142	Microfabricated disposable lab-on-a-chip sensors with integrated bismuth microelectrode arrays for voltammetric determination of trace metals. <i>Analytica Chimica Acta</i> , 2012 , 710, 1-8	6.6	32
141	Recent developments and applications of screen-printed electrodes in environmental assaysa review. <i>Analytica Chimica Acta</i> , 2012 , 734, 31-44	6.6	351
140	Development of polyaniline microarray electrodes for cadmium analysis. 2012 , 66,		3
139	Nanotechnology to Improve Detection Sensitivity for Electrochemical Microdevices. 2012 , 257-279		
138	Microelectrodes. 2012 , 1		
137	Amperometric Biosensors. 2012 , 1-83		28
136	Assessment of the electrochemical microcell geometry by local electrochemical impedance spectroscopy of copper corrosion. <i>Electrochimica Acta</i> , 2012 , 62, 276-281	6.7	13
135	A planar, solid-state amperometric sensor for nitrogen dioxide, employing an ionic liquid electrolyte contained in a polymeric matrix. <i>Sensors and Actuators B: Chemical</i> , 2012 , 161, 811-817	8.5	29
134	Electrochemical Performance of Self-Assembled Monolayer Gold Nanoparticle-Modified Ultramicroelectrode Array Architectures. <i>Electroanalysis</i> , 2012 , 24, 635-642	3	8
133	Applications of Nanomaterials in Sensors and Diagnostics. 2013,		24
132	Toxicity detection of sodium nitrite, borax and aluminum potassium sulfate using electrochemical method. 2013 , 25, 785-90		12
131	Recent advances in high resolution scanning electrochemical microscopy of living cellsa review. <i>Analytica Chimica Acta</i> , 2013 , 775, 1-13	6.6	85

130	Microelectrode arrays based on carbon nanomaterials: emerging electrochemical sensors for biological and environmental applications. 2013 , 3, 18698		24
129	High-throughput scanning electrochemical microscopy brushing of strongly tilted and curved surfaces. <i>Electrochimica Acta</i> , 2013 , 110, 30-41	6.7	23
128	Arrays of microelectrodes: technologies for environmental investigations. 2013, 15, 1477-89		14
127	A systematic study of the influence of nanoelectrode dimensions on electrode performance and the implications for electroanalysis and sensing. 2013 , 164, 295-314		22
126	Hybrid platinum nanoparticle ensemble for the electrocatalytic oxidation of H2O2: Toward nanostructured biosensor design. <i>Electrochemistry Communications</i> , 2013 , 28, 118-121	5.1	6
125	Stripping voltammetry at micro-interface arrays: a review. <i>Analytica Chimica Acta</i> , 2013 , 769, 10-21	6.6	57
124	Direct separation of faradaic and double layer charging current in potential step voltammetry. <i>Talanta</i> , 2013 , 116, 575-80	6.2	14
123	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
122	Electroanalytical applications of screen printed microelectrode arrays. <i>Sensors and Actuators B: Chemical</i> , 2013 , 181, 454-462	8.5	36
121	Surface activation of gold electrodes using electrochemical conditioning. 2013,		1
121	Surface activation of gold electrodes using electrochemical conditioning. 2013, Elaboration of integrated microelectrodes for the detection of antioxidant species. Sensors and Actuators B: Chemical, 2013, 177, 350-356	8.5	18
	Elaboration of integrated microelectrodes for the detection of antioxidant species. Sensors and	8.5	
120	Elaboration of integrated microelectrodes for the detection of antioxidant species. <i>Sensors and Actuators B: Chemical</i> , 2013 , 177, 350-356 Simultaneous/selective detection of dopamine and ascorbic acid at synthetic		18
120	Elaboration of integrated microelectrodes for the detection of antioxidant species. <i>Sensors and Actuators B: Chemical</i> , 2013 , 177, 350-356 Simultaneous/selective detection of dopamine and ascorbic acid at synthetic zeolite-modified/graphite-epoxy composite macro/quasi-microelectrodes. <i>Sensors</i> , 2013 , 13, 7296-307 Microelectrode arrays with overlapped diffusion layers as electroanalytical detectors: theory and	3.8	18
120 119 118	Elaboration of integrated microelectrodes for the detection of antioxidant species. <i>Sensors and Actuators B: Chemical</i> , 2013 , 177, 350-356 Simultaneous/selective detection of dopamine and ascorbic acid at synthetic zeolite-modified/graphite-epoxy composite macro/quasi-microelectrodes. <i>Sensors</i> , 2013 , 13, 7296-307 Microelectrode arrays with overlapped diffusion layers as electroanalytical detectors: theory and basic applications. <i>Sensors</i> , 2013 , 13, 13659-84 Micro-drilling of polymer tubular ultramicroelectrode arrays for electrochemical sensors. <i>Sensors</i> ,	3.8	18 13 25
120 119 118	Elaboration of integrated microelectrodes for the detection of antioxidant species. <i>Sensors and Actuators B: Chemical</i> , 2013 , 177, 350-356 Simultaneous/selective detection of dopamine and ascorbic acid at synthetic zeolite-modified/graphite-epoxy composite macro/quasi-microelectrodes. <i>Sensors</i> , 2013 , 13, 7296-307 Microelectrode arrays with overlapped diffusion layers as electroanalytical detectors: theory and basic applications. <i>Sensors</i> , 2013 , 13, 13659-84 Micro-drilling of polymer tubular ultramicroelectrode arrays for electrochemical sensors. <i>Sensors</i> , 2013 , 13, 6319-33 Smart voltammetric procedure in an automatic trace metal monitoring system for expanding the	3.8	18 13 25 4
120 119 118 117 116	Elaboration of integrated microelectrodes for the detection of antioxidant species. Sensors and Actuators B: Chemical, 2013, 177, 350-356 Simultaneous/selective detection of dopamine and ascorbic acid at synthetic zeolite-modified/graphite-epoxy composite macro/quasi-microelectrodes. Sensors, 2013, 13, 7296-307 Microelectrode arrays with overlapped diffusion layers as electroanalytical detectors: theory and basic applications. Sensors, 2013, 13, 13659-84 Micro-drilling of polymer tubular ultramicroelectrode arrays for electrochemical sensors. Sensors, 2013, 13, 6319-33 Smart voltammetric procedure in an automatic trace metal monitoring system for expanding the measurement range of a gold-band microelectrode array. 2013, 24, 045801 Nanoscale electrode arrays produced with microscale lithographic techniques for use in biomedical	3.8	18 13 25 4

Stripping voltammetric detection of trace heavy metals using gold ultramicroelectrode arrays. **2014**,

111	From Macroelectrodes to Microelectrodes: Theory and Electrode Properties. 2014 , 373-401		4
110	Sensor Arrays: Arrays of Micro- and Nanoelectrodes. 2014 , 583-613		1
109	Implementation and Characterization of a Fully Miniaturized Biosensor for Endotoxin Detection Based on Electrochemical Techniques. <i>IEEE Sensors Journal</i> , 2014 , 14, 270-277	4	8
108	The use of cylindrical micro-wire electrodes for nano-impact experiments; facilitating the sub-picomolar detection of single nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2014 , 200, 47-52	8.5	66
107	Facilitated Li+ ion transfer across the water/1,2-dichloroethane interface by the solvation effect. 2014 , 50, 1015-7		20
106	Recent advancements in nanoelectrodes and nanopipettes used in combined scanning electrochemical microscopy techniques. <i>Analyst, The</i> , 2014 , 139, 336-52	5	95
105	Smartphone based portable bacteria pre-concentrating microfluidic sensor and impedance sensing system. <i>Sensors and Actuators B: Chemical</i> , 2014 , 193, 653-659	8.5	122
104	Enhancing the sensitivity of potential step voltammetry using chemometric resolution. <i>Analyst, The</i> , 2014 , 139, 1016-22	5	12
103	Improved electrochemical detection of a transthyretin synthetic peptide in the nanomolar range with a two-electrode system integrated in a glass/PDMS microchip. <i>Lab on A Chip</i> , 2014 , 14, 2800-5	7.2	15
102	From Microelectrodes to Scanning Electrochemical Microscopy. 2014 , 223-244		
101	Three-dimensional carbon interdigitated electrode arrays for redox-amplification. <i>Analytical Chemistry</i> , 2014 , 86, 2963-71	7.8	38
100	Towards to the improvement of the analytical response in voltammetric sensors based on rigid composites. <i>Journal of Electroanalytical Chemistry</i> , 2014 , 733, 69-76	4.1	10
99	The Handbook of Graphene Electrochemistry. 2014 ,		123
98	Perfect additivity of microinterface arrays for liquid-liquid measurements: Application to cadmium ions quantification. <i>Electrochimica Acta</i> , 2014 , 120, 212-218	6.7	9
97	Nanomaterials for Electrochemical Sensing and Biosensing. 2014 , 1-45		
96	Morphological and Electrical Properties of Silicon Dioxide-Based Interdigitated Electrode Arrays. 2015 , 1109, 253-256		1
95	Efficient and Rapid Detection of Salmonella Using Microfluidic Impedance Based Sensing. 2015 , 2015, 1-8		29

94	Electrochemical Monitoring of the Pharmacological Activity of Natural Products. 2015, 59-84		2
93	Interplay of Different Reaction Pathways in the Pulsed Galvanostatic Deposition of Zinc Oxide. <i>Electrochimica Acta</i> , 2015 , 169, 367-375	6.7	8
92	. 2015 , 24, 1346-1354		8
91	Transient study of the oxygen reduction reaction on reduced Pt and Pt alloys microelectrodes: evidence for the reduction of pre-adsorbed oxygen species linked to dissolved oxygen. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 30005-12	3.6	28
90	Ultramicroelectrode Voltammetry and Scanning Electrochemical Microscopy in Room Temperature Ionic Liquids. 2015 , 113-141		1
89	Electrochemistry in Ionic Liquids. 2015,		6
88	Improvement of the detection limit for biosensors: Advances on the optimization of biocomposite composition. <i>Microchemical Journal</i> , 2015 , 119, 66-74	4.8	8
87	Diffusion-controlled electrochemical growth of porous zinc oxide on microstructured electrode band arrays. <i>Journal of Applied Electrochemistry</i> , 2015 , 45, 105-113	2.6	7
86	Boron doped diamond microelectrodes arrays for electrochemical detection in HPLC. <i>Talanta</i> , 2015 , 132, 641-7	6.2	16
85	Microfabricated three-electrode on-chip PDMS device with a vibration motor for stripping voltammetric detection of heavy metal ions. <i>Talanta</i> , 2015 , 132, 321-6	6.2	20
84	Impedance microbiology and microbial screening strategy for detecting pathogens in food. 2015 , 285-3	300	
83	Fast determination of viable bacterial cells in milk samples using impedimetric sensor and a novel calibration method. <i>Electrochimica Acta</i> , 2016 , 198, 249-258	6.7	7
82	Lability of nanoparticulate metal complexes in electrochemical speciation analysis. <i>Journal of Solid State Electrochemistry</i> , 2016 , 20, 3255-3262	2.6	8
81	Band-type microelectrodes for amperometric immunoassays. <i>Analytica Chimica Acta</i> , 2016 , 928, 39-48	6.6	7
80	Band-type microelectrodes for amperometric immunoassays. <i>Analytica Chimica Acta</i> , 2016 , 928, 39-48 Transistor Amplifier as an Electrochemical Transducer with Intuitive Optical Read-out: Improving Its Performance with Simple Electronic Solutions. <i>Electrochimica Acta</i> , 2016 , 216, 147-151	6.6	7
	Transistor Amplifier as an Electrochemical Transducer with Intuitive Optical Read-out: Improving Its		
80	Transistor Amplifier as an Electrochemical Transducer with Intuitive Optical Read-out: Improving Its Performance with Simple Electronic Solutions. <i>Electrochimica Acta</i> , 2016 , 216, 147-151 Electrochemical DNA biosensors based on long-range electron transfer: investigating the efficiency of a fluidic channel microelectrode compared to an ultramicroelectrode in a two-electrode setup.	6.7	4

76	The oxygen reduction reaction (ORR) on reduced metals: evidence for a unique relationship between the coverage of adsorbed oxygen species and adsorption energy. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 10218-23	3.6	15
75	Electrochemical Real-Time Analysis of Bacterial Biofilm Adhesion and Development by Means of Thin-Film Biosensors. <i>IEEE Sensors Journal</i> , 2016 , 16, 1856-1864	4	8
74	Screen-printed disposable electrodes: Pharmaceutical applications and recent developments. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 82, 1-11	14.6	102
73	Screen-Printing Electrochemical Architectures. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2016 ,	0.4	6
72	Selective electrocatalysis of reduced graphene oxide towards hydrogen peroxide aiming oxidases-based biosensing: Caution while interpreting. <i>Electrochimica Acta</i> , 2017 , 223, 1-7	6.7	5
71	Micro/nanoelectrochemical probe and chip devices for evaluation of three-dimensional cultured cells. <i>Analyst, The</i> , 2017 , 142, 4343-4354	5	27
70	Electrochemical Biosensors. <i>Bioanalysis</i> , 2017 , 27-66	0.5	
69	Portable Lock-in Amplifier-Based Electrochemical Method to Measure an Array of 64 Sensors for Point-of-Care Applications. <i>Analytical Chemistry</i> , 2017 , 89, 8731-8737	7.8	7
68	Multi-element determination of metals and metalloids in waters and wastewaters, at trace concentration level, using electroanalytical stripping methods with environmentally friendly mercury free-electrodes: A review. <i>Talanta</i> , 2017 , 175, 53-68	6.2	34
67	A facile method for fabricating carbon fiber-based gold ultramicroelectrodes with different shapes using flame etching and electrochemical deposition. <i>Journal of Electroanalytical Chemistry</i> , 2017 , 799, 525-530	4.1	8
66	Electrochemical Characterization of the Microfabricated Electrochemical Sensor-Array System. <i>Electroanalysis</i> , 2017 , 29, 249-258	3	3
65	Paper microchip with a graphene-modified silver nano-composite electrode for electrical sensing of microbial pathogens. <i>Nanoscale</i> , 2017 , 9, 1852-1861	7.7	48
64	Analysis of planar interdigitated electrode system used in impedance measurements of liquid materials. 2017 ,		0
63	Scalable fabrication and application of nanoscale IDE-arrays as multi-electrode platform for label-free biosensing. <i>Sensors and Actuators B: Chemical</i> , 2018 , 265, 115-125	8.5	10
62	Enhancement of mass transfer coefficient towards carbon nanotube nanoelectrode array. <i>Sensors and Actuators B: Chemical</i> , 2018 , 260, 1052-1058	8.5	8
61	Nanostructured molecularly imprinted polymers for protein chemosensing. <i>Biosensors and Bioelectronics</i> , 2018 , 102, 17-26	11.8	101
60	Zonal selectivity by sensitivity modulation in linear tetrapolar impedance sensors. <i>Sensors and Actuators B: Chemical</i> , 2018 , 255, 1268-1275	8.5	2
59	Preparation, performance, and application of a stable, sensitive and cost-effective microelectrode array. <i>Talanta</i> , 2018 , 188, 245-250	6.2	4

(2020-2018)

58	Influence of the Microchannel Height on the Impedance of a Flow Electrochemical Cell with Planar Interdigitated Electrodes. <i>Journal of Physics: Conference Series</i> , 2018 , 944, 012065	0.3	1
57	Peptide modified paper based impedimetric immunoassay with nanocomposite electrodes as a point-of-care testing of Alpha-fetoprotein in human serum. <i>Biosensors and Bioelectronics</i> , 2018 , 117, 748-757	11.8	24
56	Controlled Electrodeposition of Zinc Oxide on Conductive Meshes and Foams Enabling Its Use as Secondary Anode. <i>Journal of the Electrochemical Society</i> , 2018 , 165, D461-D466	3.9	13
55	Carbon nanotube band electrodes for electrochemical sensors. <i>Electrochemistry Communications</i> , 2018 , 86, 135-139	5.1	13
54	Band Electrodes in Sensing Applications: Response Characteristics and Band Fabrication Methods. <i>ACS Sensors</i> , 2019 , 4, 2250-2266	9.2	17
53	Evaluation of the Electrochemically Active Surface Area of Microelectrodes by Capacitive and Faradaic Currents. <i>ChemElectroChem</i> , 2019 , 6, 4411-4417	4.3	7
52	Impedimetric transducers based on interdigitated electrode arrays for bacterial detection - A review. <i>Analytica Chimica Acta</i> , 2019 , 1088, 1-19	6.6	36
51	Design and numerical analysis of interdigitated radiating-strips electrode for uniform 3D dielectrophoretic patterning of liver cells. <i>Microsystem Technologies</i> , 2019 , 25, 3037-3045	1.7	1
50	A gold coated polystyrene ring microarray formed by two-step patterning: construction of an advanced microelectrode for voltammetric sensing. <i>Mikrochimica Acta</i> , 2019 , 186, 349	5.8	3
49	A review of microfabricated electrochemical biosensors for DNA detection. <i>Biosensors and Bioelectronics</i> , 2019 , 134, 57-67	11.8	76
48	Electrochemical measurement of the size of microband electrodes: A theoretical study. <i>Journal of Electroanalytical Chemistry</i> , 2019 , 840, 279-284	4.1	7
47	Area-selective electrodeposition of micro islands for CuInSe2-based photovoltaics. <i>Results in Physics</i> , 2019 , 12, 2136-2140	3.7	5
47		3.7	5
	Physics, 2019, 12, 2136-2140 Cu(I) Coordination Complex Precursor for Randomized CuO Microarray Loaded on Carbon Nanofiber with Excellent Electrocatalytic Performance for Electrochemical Glucose Detection.		
46	Physics, 2019, 12, 2136-2140 Cu(I) Coordination Complex Precursor for Randomized CuO Microarray Loaded on Carbon Nanofiber with Excellent Electrocatalytic Performance for Electrochemical Glucose Detection. Sensors, 2019, 19, Tailorable nanostructured mercury/gold amalgam electrode arrays with varied surface areas and	3.8	4
46 45	Physics, 2019, 12, 2136-2140 Cu(I) Coordination Complex Precursor for Randomized CuO Microarray Loaded on Carbon Nanofiber with Excellent Electrocatalytic Performance for Electrochemical Glucose Detection. Sensors, 2019, 19, Tailorable nanostructured mercury/gold amalgam electrode arrays with varied surface areas and compositions. Sensors and Actuators B: Chemical, 2020, 302, 127175 Miniaturisation of a peptide-based electrochemical protease activity sensor using platinum	3.8	4 0
46 45 44	Cu(I) Coordination Complex Precursor for Randomized CuO Microarray Loaded on Carbon Nanofiber with Excellent Electrocatalytic Performance for Electrochemical Glucose Detection. Sensors, 2019, 19, Tailorable nanostructured mercury/gold amalgam electrode arrays with varied surface areas and compositions. Sensors and Actuators B: Chemical, 2020, 302, 127175 Miniaturisation of a peptide-based electrochemical protease activity sensor using platinum microelectrodes. Analyst, The, 2020, 145, 975-982 Detection of dairy fouling by cyclic voltammetry and square wave voltammetry. Food Science and	3.8 8.5 5	4 o

40	Fabrication of a Novel, Cost-Effective Double-Sided Indium Tin Oxide-Based Nanoribbon Electrode and Its Application of Acute Toxicity Detection in Water. <i>ACS Sensors</i> , 2020 , 5, 3923-3929	9.2	1
39	Introducing a low-cost tool for 3D characterization of pitting corrosion in stainless steel. <i>Journal of Solid State Electrochemistry</i> , 2020 , 24, 1909-1919	2.6	4
38	Voltamperometric test of ephedrine on a gold disc microelectrode. <i>Materials Chemistry and Physics</i> , 2020 , 246, 122792	4.4	3
37	Optimization of Nafion Polymer Electrolyte Membrane Design and Microfabrication. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2020 , 33, 196-201	2.6	3
36	A carbon fiber ultramicroelectrode as a simple tool to direct antioxidant estimation based on caffeic acid oxidation. <i>Analytical Methods</i> , 2020 , 12, 3608-3616	3.2	4
35	Applications of electrochemical sensors and biosensors based on modified screen-printed electrodes: a review. <i>Analytical Methods</i> , 2020 , 12, 1547-1560	3.2	47
34	Microfabricated electrochemical sensing devices. <i>Lab on A Chip</i> , 2020 , 20, 1358-1389	7.2	34
33	Diffusion-limited biosensing of dissolved oxygen by direct electron transfer-type bioelectrocatalysis of multi-copper oxidases immobilized on porous gold microelectrodes. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 860, 113895	4.1	12
32	A study into the species sensitivity of green algae towards imidazolium-based ionic liquids using flow cytometry. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 194, 110392	7	3
31	Focusing on the role of chemometrics to enhance the sensitivity of electroanalytical methods: A review. <i>Sensing and Bio-Sensing Research</i> , 2020 , 28, 100341	3.3	4
30	Diffusion indicator for hemispheroidal and ring ultramicroelectrode geometries for E and EC? reactions. <i>Electrochemistry Communications</i> , 2021 , 128, 107071	5.1	1
29	Nanoelectrode arrays for electroanalysis. <i>Frontiers of Nanoscience</i> , 2021 , 18, 49-86	0.7	O
28	Interpreting Electrochemistry. 2014 , 23-77		26
27	Chapter 1:Advances in Stripping Analysis of Metals. <i>RSC Detection Science</i> , 2015 , 1-18	0.4	3
26	Detection of Heavy-metal lons Based on Evaporative Concentration Using a Super-hydrophobic Surface. <i>IEEJ Transactions on Sensors and Micromachines</i> , 2006 , 126, 356-357	0.2	1
25	Progress of Interdigitated Array Microelectrodes Based Impedance Immunosensor. <i>Chinese Journal of Analytical Chemistry</i> , 2012 , 39, 1601-1610	1.6	1
24	Electrochemical techniques and sensors for ocean research.		5
23	Bismuth Microelectrode Array for Adsorptive Stripping Voltammetry to Detect Lead and Cadmium in Beverage. <i>Chinese Journal of Analytical Chemistry</i> , 2012 , 39, 1748-1752	1.6	

22	Quality Control/Quality Assurance Analysis of Electrochemical Screen-Printed Sensors. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2016 , 35-56	0.4	
21	Nanocomposites: Future Trends and Perspectives Towards Affinity Biosensor. 2017 , 319-359		
20	Bioelektrochemie. 2020 ,		
19	Design of a Drop-in EBI Sensor Probe for Abnormal Tissue Detection in Minimally Invasive Surgery. Journal of Electrical Bioimpedance, 2020 , 11, 87-95	1.5	3
18	Agar-Integrated Three-Dimensional Microelectrodes for On-Chip Impedimetric Monitoring of Bacterial Viability. <i>Methods in Molecular Biology</i> , 2022 , 2393, 447-471	1.4	Ο
17	Portable electrochemical sensing methodologies for on-site detection of pesticide residues in fruits and vegetables. <i>Coordination Chemistry Reviews</i> , 2021 , 453, 214305	23.2	32
16	ReviewMicro/Nanoelectrodes and Their Use in Electrocrystallization: Historical Perspective and Current Trends. <i>Journal of the Electrochemical Society</i> ,	3.9	1
15	Electrical biosensors for virus detection. 2022 , 241-259		
14	An Integrated Multiple Electrochemical miRNA Sensing System Embedded into a Microfluidic Chip <i>Biosensors</i> , 2022 , 12,	5.9	
13	Electrochemical Characterization of Silicon-Based Gold Microband Electrode Array and its Application for Labelless T-2/HT-2 Toxin Immunosensing. <i>Materials Science Forum</i> , 1055, 137-146	0.4	O
12	Carbon nanomaterials-based sensors for water treatment. 2022 , 125-148		
11	Uses of Scanning Electrochemical Microscopy (SECM) for the Characterization with Spatial and Chemical Resolution of Thin Surface Layers and Coating Systems Applied on Metals: A Review. <i>Coatings</i> , 2022 , 12, 637	2.9	O
10	Applications of Miniaturized Electrochemical Biosensors. 2022,		
9	Synthesis of encapsulated ZnO nanowires provide low impedance alternatives for microelectrodes. <i>PLoS ONE</i> , 2022 , 17, e0270164	3.7	
8	Electrochemical characterization and degradation of carbon fibre reinforced polymer in quiescent near neutral chloride media. <i>Npj Materials Degradation</i> , 2022 , 6,	5.7	O
7	Electrochemical stripping analysis. 2022 , 2,		Ο
6	Single-cell scanning photoelectrochemical microscopy using micro-optical-ring electrodes. 2022 , 217, 114658		O
5	Facile preparation of robust and multipurpose microelectrodes based on injected epoxy resin. 2022 , 141454		О

4	Screen-printed electrochemical sensors for environmental monitoring of heavy metal ion detection. 2022 ,	1
3	Voltammetric Techniques. 2011 , 42-109	O
2	Electroanalytical Chemistry,. 2023 , 344-387	0
1	A Novel Eco-Friendly and Highly Sensitive Solid Lead I Iin Microelectrode for Trace U(VI) Determination in Natural Water Samples. 2023 , 23, 2552	О