Roland De Marco

List of Publications by Citations

133 papers	4,363 citations	34 h-index	61 g-index
137 ext. papers	4,872 ext. citations	6 avg, IF	5.41 L-index

#	Paper	IF	Citations
133	Atomically Dispersed Transition Metals on Carbon Nanotubes with Ultrahigh Loading for Selective Electrochemical Carbon Dioxide Reduction. *Advanced Materials*, **2018**, 30, e1706287	24	352
132	Development of a Structure-Activity Relationship for Oil Field Corrosion Inhibitors. *Journal of the Electrochemical Society*, **1999**, 146, 1751-1756	3.9	232
131	Ion-Selective Electrode Potentiometry in Environmental Analysis. *Electroanalysis*, **2007**, 19, 1987-2001	3	191
130	Impedance spectroscopy: Over 35 years of electrochemical sensor optimization. *Electrochimica Acta* , **2006**, 51, 6217-6229	6.7	188
129	The role of biosensors in the detection of emerging infectious diseases. *Analyst, The*, **2006**, 131, 1079-90	5	143
128	Surface modification of carbon fuels for direct carbon fuel cells. *Journal of Power Sources*, **2009**, 186, 1-9	8.9	125
127	High activity electrocatalysts from metal–organic framework-carbon nanotube templates for the oxygen reduction reaction. *Carbon*, **2015**, 82, 417-424	10.4	121
126	Evaluation of raw coals as fuels for direct carbon fuel cells. *Journal of Power Sources*, **2010**, 195, 4051-4058	8.9	120
125	Elimination of undesirable water layers in solid-contact polymeric ion-selective electrodes. *Analytical Chemistry*, **2008**, 80, 6731-40	7.8	112
124	Iron Single Atoms on Graphene as Nonprecious Metal Catalysts for High-Temperature Polymer Electrolyte Membrane Fuel Cells. *Advanced Science*, **2019**, 6, 1802066	13.6	107
123	Tuning the Electron Localization of Gold Enables the Control of Nitrogen-to-Ammonia Fixation. *Angewandte Chemie - International Edition*, **2019**, 58, 18604-18609	16.4	102
122	Lithium insertion into manganese dioxide electrode in MnO2/Zn aqueous battery: Part I. A preliminary study. *Journal of Power Sources*, **2004**, 130, 254-259	8.9	97
121	Factors That Determine the Performance of Carbon Fuels in the Direct Carbon Fuel Cell. *Industrial & Engineering Chemistry Research*, **2008**, 47, 9670-9677	3.9	96
120	Evidence of a water layer in solid-contact polymeric ion sensors. *Physical Chemistry Chemical Physics* , **2008**, 10, 73-6	3.6	79
119	The influence of microstructure on the corrosion rate of various carbon steels. *Journal of Applied Electrochemistry*, **2005**, 35, 139-149	2.6	78
118	Tuning the electrocrystallization parameters of semiconducting Co[TCNQ]2-based materials to yield either single nanowires or crystalline thin films. *Journal of the American Chemical Society*, **2007** , 129, 2369-82	16.4	73
117	Modification of coal as a fuel for the direct carbon fuel cell. *Journal of Physical Chemistry A*, **2010**, 114, 3855-62	2.8	65

116	A Universal Seeding Strategy to Synthesize Single Atom Catalysts on 2D Materials for Electrocatalytic Applications. *Advanced Functional Materials*, **2020**, 30, 1906157	15.6	60
115	A study of the adsorption properties of commercial carbon dioxide corrosion inhibitor formulations. *Journal of Applied Electrochemistry*, **2001**, 31, 1221-1226	2.6	54
114	Efficient BiVO Photoanodes by Postsynthetic Treatment: Remarkable Improvements in Photoelectrochemical Performance from Facile Borate Modification. *Angewandte Chemie - International Edition*, **2019**, 58, 19027-19033	16.4	51
113	Determination of phosphate in hydroponic nutrient solutions using flow injection potentiometry and a cobalt-wire phosphate ion-selective electrode. *Talanta*, **2003**, 60, 1215-21	6.2	48
112	Flow-injection Potentiometric Detection of Phosphates Using aMetallic Cobalt Wire Ion-selective Electrode. *Analytical Communications*, **1997**, 34, 93-95		47
111	Enhanced oxygen reduction at Pd catalytic nanoparticles dispersed onto heteropolytungstate-assembled poly(diallyldimethylammonium)-functionalized carbon nanotubes. *Physical Chemistry Chemical Physics*, **2011**, 13, 4400-10	3.6	44
110	Graphitic Carbon Nanofibers Synthesized by the Chemical Vapor Deposition (CVD) Method and Their Electrochemical Performances in Supercapacitors. *Energy & Fuels*, **2008**, 22, 4139-4145	4.1	42
109	Response of the jalpaite membrane copper(II) ion-selective electrode in marine waters. *Electroanalysis*, **1997**, 9, 330-334	3	40
108	Flow injection potentiometric determination of phosphate in waste waters and fertilisers using a cobalt wire ion-selective electrode. *Analyst, The*, **1998**, 123, 1635-1640	5	40
107	Evidence for a surface confined ion-to-electron transduction reaction in solid-contact ion-selective electrodes based on poly(3-octylthiophene). *Analytical Chemistry*, **2013**, 85, 10495-502	7.8	39
106	Lithium insertion into manganese dioxide electrode in MnO2/Zn aqueous battery: Part II. Comparison of the behavior of EMD and battery grade MnO2 in Zn|MnO2|aqueous LiOH electrolyte. *Journal of Power Sources*, **2004**, 138, 319-322	8.9	38
105	An In Situ Synchrotron Radiation Grazing Incidence X-Ray Diffraction Study of Carbon Dioxide Corrosion. *Journal of the Electrochemical Society*, **2005**, 152, B389	3.9	38
104	PEDOT(PSS) as Solid Contact for Ion-Selective Electrodes: The Influence of the PEDOT(PSS) Film Thickness on the Equilibration Times. *Analytical Chemistry*, **2017**, 89, 3508-3516	7.8	37
103	Direct measurement of Cu(II)aq in seawater at pH 8 with the jalpaite ion-selective electrode. *Marine Chemistry*, **1998**, 61, 173-184	3.7	37
102	An in situ electrochemical impedance spectroscopy/synchrotron radiation grazing incidence X-ray diffraction study of the influence of acetate on the carbon dioxide corrosion of mild steel. *Electrochimica Acta*, **2007**, 52, 3746-3750	6.7	36
101	Lithium insertion into manganese dioxide electrode in MnO2/Zn aqueous battery. *Journal of Power Sources*, **2006**, 153, 165-169	8.9	36
100	Electrochemically substituted metal phthalocyanines, e-MPc (M = Co, Ni), as highly active and selective catalysts for CO2 reduction. *Journal of Materials Chemistry A*, **2018**, 6, 1370-1375	13	34
99	Calibration of a chalcogenide glass membrane ion-selective electrode for the determination of free Fe3+ in seawater: I. Measurements in UV photooxidised seawater. *Marine Chemistry*, **2000**, 68, 283-294	3.7	34

98	In Situ Techniques for Developing Robust Li‐S Batteries. *Small Methods*, **2018**, 2, 1800133	12.8	33
97	Anhydrous phosphoric Acid functionalized sintered mesoporous silica nanocomposite proton exchange membranes for fuel cells. *ACS Applied Materials & Interfaces*, **2013**, 5, 11240-8	9.5	33
96	Response of Copper(II) Ion-Selective Electrodes in Seawater. *Analytical Chemistry*, **1994**, 66, 3202-3207	7.8	33
95	Atomically Dispersed Bimetallic FeNi Catalysts as Highly Efficient Bifunctional Catalysts for Reversible Oxygen Evolution and Oxygen Reduction Reactions. *ChemElectroChem*, **2019**, 6, 3478-3487	4.3	32
94	A multi-technique surface study of the mercury(II) chalcogenide ion-selective electrode in saline media. *Analyst, The*, **2003**, 128, 742-9	5	32
93	Coulometric sodium chloride removal system with Nafion membrane for seawater sample treatment. *Analytical Chemistry*, **2012**, 84, 6158-65	7.8	31
92	Thin layer coulometric determination of nitrate in fresh waters. *Analytica Chimica Acta*, **2012**, 744, 39-44	6.6	30
91	Carbon Nanofibers Synthesized by Catalytic Decomposition of Methane and Their Electrochemical Performance in a Direct Carbon Fuel Cell. *Energy & Fuels*, **2009**, 23, 3721-3731	4.1	30
90	High CO tolerance of new SiO2 doped phosphoric acid/polybenzimidazole polymer electrolyte membrane fuel cells at high temperatures of 200–250 °C. *International Journal of Hydrogen Energy*, **2018**, 43, 22487-22499	6.7	30
89	In Situ Formed Phosphoric Acid/Phosphosilicate Nanoclusters in the Exceptional Enhancement of Durability of Polybenzimidazole Membrane Fuel Cells at Elevated High Temperatures. *Journal of the Electrochemical Society*, **2017**, 164, F1615-F1625	3.9	29
88	Calibration of the Hg chalcogenide glass membrane ion-selective electrode in seawater media. *Talanta*, **1999**, 49, 385-91	6.2	29
87	Phosphoric acid functionalized pre-sintered meso-silica for high temperature proton exchange membrane fuel cells. *Chemical Communications*, **2013**, 49, 4655-7	5.8	28
86	Surface studies of the copper/silver sulfide based ion-selective electrode membrane. *Analytical Chemistry*, **1992**, 64, 594-598	7.8	28
85	Synchrotron radiation/Fourier transform-infrared microspectroscopy study of undesirable water inclusions in solid-contact polymeric ion-selective electrodes. *Analytical Chemistry*, **2010**, 82, 6203-7	7.8	27
84	Correlation between proton conductivity, thermal stability and structural symmetries in novel HPW-meso-silica nanocomposite membranes and their performance in direct methanol fuel cells. *Journal of Membrane Science*, **2012**, 397-398, 92-101	9.6	26
83	Water uptake in the hydrophilic poly(3,4-ethylenedioxythiophene):poly(styrene sulfonate) solid-contact of all-solid-state polymeric ion-selective electrodes. *Analyst, The*, **2011**, 136, 3252-8	5	26
82	Electrochemical impedance spectroscopy and X-ray photoelectron spectroscopy study of the response mechanism of the chalcogenide glass membrane iron(III) ion-selective electrode in saline media. *Analytical Chemistry*, **2000**, 72, 669-79	7.8	26
81	Magnetizing lead-free halide double perovskites. *Science Advances*, **2020**, 6,	14.3	25

80	Electrochemical impedance spectroscopy-a simple method for the characterization of polymer inclusion membranes containing aliquat 336. *Membranes*, **2011**, 1, 132-48	3.8	24
79	In situ structural characterization of electrochemical systems using synchrotron-radiation techniques. *TrAC - Trends in Analytical Chemistry*, **2010**, 29, 528-537	14.6	24
78	Surface studies of the silver sulfide ion selective electrode membrane. *Analytical Chemistry*, **1990**, 62, 2339-2346	7.8	24
77	Electrochemical Mechanism of Ferrocene-Based Redox Molecules in Thin Film Membrane Electrodes. *Electrochimica Acta*, **2017**, 238, 357-367	6.7	23
76	The Influence of Diffusion Fluxes on the Detection Limit of the Jalpaite Copper Ion-Selective Electrode. *Electroanalysis*, **2002**, 14, 493-498	3	23
75	Persistence of Carbon Dioxide Corrosion Inhibitors. *Corrosion*, **2002**, 58, 354-363	1.8	23
74	Predicting the Adsorption Properties of Carbon Dioxide Corrosion Inhibitors Using a Structure-Activity Relationship. *Journal of the Electrochemical Society*, **2005**, 152, B1	3.9	22
73	Electrochemical Ion Transfer with Thin Films of Poly(3-octylthiophene). *Analytical Chemistry*, **2016**, 88, 6939-46	7.8	19
72	Ion-Exchange-Induced Selective Etching for the Synthesis of Amino-Functionalized Hollow Mesoporous Silica for Elevated-High-Temperature Fuel Cells. *ACS Applied Materials & Interfaces*, **2017**, 9, 31922-31930	9.5	19
71	Continuous flow analysis of iron (III) in seawater using a chalcogenide glass ion-selective electrode. *Laboratory Robotics and Automation*, **1999**, 11, 284-288		19
70	Evidence of double layer/capacitive charging in carbon nanomaterial-based solid contact polymeric ion-selective electrodes. *Chemical Communications*, **2016**, 52, 9703-6	5.8	19
69	Ferrocene self assembled monolayer as a redox mediator for triggering ion transfer across nanometer-sized membranes. *Electrochimica Acta*, **2019**, 315, 84-93	6.7	18
68	Continuous flow methods for evaluating the response of a copper ion selective electrode to total and free copper in seawater. *Journal of Environmental Monitoring*, **1999**, 1, 483-7		18
67	Electrochemical Impedance Spectroscopy Study of the Response Mechanism of the Jalpaite CuII Ion-Selective Electrode in Seawater. *Analytical Chemistry*, **1998**, 70, 4683-4689	7.8	17
66	Efficient BiVO4 Photoanodes by Postsynthetic Treatment: Remarkable Improvements in Photoelectrochemical Performance from Facile Borate Modification. *Angewandte Chemie*, **2019**, 131, 19203-19209	3.6	16
65	Response of a copper(II) and iron(III) ion-selective electrode bielectrode array in saline media. *Talanta*, **2008**, 75, 1234-9	6.2	15
64	In situ electrochemical impedance spectroscopy/synchrotron radiation grazing incidence X-ray diffraction. A powerful new technique for the characterization of electrochemical surfaces and interfaces. *Electrochimica Acta*, **2006**, 51, 5920-5925	6.7	15
63	Continuous flow analysis of mercury using a chalcogenide glass ion-selective electrode. *Laboratory Robotics and Automation*, **2000**, 12, 194-199		15

62	Understanding barium sulfate precipitation onto stainless steel. *Applied Surface Science*, **2008**, 254, 3459-3468	6.7	14
61	Surface Analysis of Adsorbed Carbon Dioxide Corrosion Inhibitors. *Corrosion*, **2001**, 57, 9-18	1.8	14
60	Harmonic analysis of carbon dioxide corrosion. *Corrosion Science*, **2002**, 44, 1213-1221	6.8	14
59	One-Pot Pyrolysis Method to Fabricate Carbon Nanotube Supported Ni Single-Atom Catalysts with Ultrahigh Loading. *ACS Applied Energy Materials*, **2018**,	6.1	14
58	Characterization of an AgBr□Ag2S□As2S3□HgI2 ion-selective electrode membrane: a X-ray photoelectron and impedance spectroscopy approach. *Applied Surface Science*, **2004**, 228, 378-400	6.7	13
57	XPS studies of the fluoride ion-selective electrode membrane LaF3: Ion interferences. *Surface and Interface Analysis*, **1989**, 14, 457-462	1.5	12
56	XPS studies of the fluoride ion-selective electrode membrane LaF3: Evidence for a gel layer on the surface. *Surface and Interface Analysis*, **1989**, 14, 463-468	1.5	12
55	Polyaniline Films as Electrochemical-Proton Pump for Acidification of Thin Layer Samples. *Analytical Chemistry*, **2019**, 91, 14951-14959	7.8	11
54	Transport and accumulation of ferrocene tagged poly(vinyl chloride) at the buried interfaces of plasticized membrane electrodes. *Analyst, The*, **2013**, 138, 4266-9	5	11
53	Stack performance of phosphotungstic acid functionalized mesoporous silica (HPW-meso-silica) nanocomposite high temperature proton exchange membrane fuel cells. *International Journal of Hydrogen Energy*, **2013**, 38, 12830-12837	6.7	11
52	Synthesis and Characterization of High Integrity Solid-Contact Polymeric Ion Sensors. *Journal of Solid State Electrochemistry*, **2009**, 13, 137-148	2.6	11
51	A flow cell for transient voltammetry and in situ grazing incidence X-ray diffraction characterization of electrocrystallized cadmium(II) tetracyanoquinodimethane. *Electrochimica Acta*, **2011**, 56, 1546-1553	6.7	11
50	Synthesis and characterization of turbostratic carbons prepared by catalytic chemical vapour decomposition of acetylene. *Applied Catalysis A: General*, **2006**, 309, 201-209	5.1	11
49	In situ synchrotron radiation grazing incidence X-ray diffraction□A powerful technique for the characterization of solid-state ion-selective electrode surfaces. *Electrochimica Acta*, **2006**, 51, 4886-4891	6.7	11
48	Reversible electrochemical monitoring of surface confined reactions at liquid-liquid interfaces by modulation of ion transfer fluxes. *Chemical Communications*, **2005**, 3074-6	5.8	11
47	An in situ chronoamperometry/synchrotron radiation grazing incidence X-ray diffraction study of the electrochemical oxidation of pyrite in chloride media. *Electrochemistry Communications*, **2006**, 8, 1661-1664	5.1	11
46	Impedance measurements of a chalcogenide membrane iron(III)-selective electrode in contact with aqueous electrolytes. *Electrochimica Acta*, **2004**, 49, 3525-3543	6.7	11
45	Surface studies of a chalcogenide glass ferric ion-selective electrode Part 1: Influence of ferric and hydroxide ions on interfacial kinetics. *Surface and Interface Analysis*, **2002**, 33, 748-758	1.5	11

44	Transportation and Accumulation of Redox Active Species at the Buried Interfaces of Plasticized Membrane Electrodes. *Langmuir*, **2015**, 31, 10599-609	4	10
43	An Electrochemical Impedance Spectroscopy/Neutron Reflectometry Study of Water Uptake in the Poly(3,4-Ethylenedioxythiophene):Poly(Styrene Sulfonate)/Polymethyl Methacrylate-Polydecyl Methacrylate Copolymer Solid-Contact Ion-Selective Electrode. *Electroanalysis*, **2012**, 24, 140-145	3	10
42	The application of neutron reflectometry and atomic force microscopy in the study of corrosion inhibitor films. *Physica B: Condensed Matter*, **2006**, 385-386, 924-926	2.8	10
41	An electrochemical impedance spectroscopy and scanning electron microscopy study of the influence of positive plate compression on the electrochemical behaviour of lead-acid batteries. *Electrochimica Acta*, **2006**, 51, 2088-2095	6.7	10
40	In situ SERS study of the adsorption of inhibitors of carbon dioxide corrosion. *Surface and Interface Analysis*, **2003**, 35, 536-543	1.5	10
39	Surface studies of the jalpaite-based copper(II) ion-selective electrode membrane in seawater. *Marine Chemistry*, **1996**, 55, 389-398	3.7	10
38	Battery performance enhancement with additions of bismuth. *Journal of Power Sources*, **1994**, 48, 113-128	2.9	10
37	A calixarene-based ion-selective electrode for thallium(I) detection. *Analytica Chimica Acta*, **2014**, 851, 78-86	6.6	9
36	Flow Dependence of Carbon Dioxide Corrosion Using Short Electrodes by Jet Impingement. *Corrosion*, **2009**, 65, 771-777	1.8	9
35	Kinetic modulation of pulsed chronopotentiometric polymeric membrane ion sensors by polyelectrolyte multilayers. *Analytical Chemistry*, **2007**, 79, 7154-60	7.8	9
34	A small angle neutron scattering and electrochemical impedance spectroscopy study of the nanostructure of the iron chalcogenide glass ion-selective electrode. *Talanta*, **2004**, 63, 149-57	6.2	9
33	Selective Hydrogen Evolution on Manganese Oxide Coated Electrodes: New Cathodes for Sodium Chlorate Production. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 12170-12178	8.3	8
32	Corrosion Performance of High Strength Low Alloy Steel AISI 4135 in the Marine Splash Zone. *Electrochemistry*, **2017**, 85, 7-12	1.2	8
31	Extending the life of maintenance-free lead/acid batteries by etching of grids in sodium hydroxide. *Journal of Applied Electrochemistry*, **2001**, 31, 953-959	2.6	8
30	Continuous flow analysis of iron in zinc electrowinning electrolyte using an iron chalcogenide glass ion-selective electrode Part I. Synthetic media. *Talanta*, **2002**, 57, 115-21	6.2	8
29	Single-Atom Catalysts: Atomically Dispersed Transition Metals on Carbon Nanotubes with Ultrahigh Loading for Selective Electrochemical Carbon Dioxide Reduction (Adv. Mater. 13/2018). *Advanced Materials*, **2018**, 30, 1870088	24	7
28	Surface studies of a chalcogenide glass ferric ion-selective electrode Part 2: The effects of inorganic ions, organic ligands and seawater on sensor response. *Surface and Interface Analysis*, **2002**, 33, 759-766	1.5	7
27	Controlled One-pot Synthesis of Nickel Single Atoms Embedded in Carbon Nanotube and Graphene Supports with High Loading. *ChemNanoMat*, **2020**, 6, 1063-1074	3.5	6

26	Understanding Complex Electrochemical Impedance Spectroscopy in Corrosion Systems Using in-situ Synchrotron Radiation Grazing Incidence X-ray Diffraction. *Electroanalysis*, **2016**, 28, 2166-2170	3	5
25	Study on the Temperature Dependence of Pitting Behaviour of AISI 4135 Steel in Marine Splash Zone. *Electrochemistry*, **2015**, 83, 541-548	1.2	5
24	Detecting Biorecognition Events at Blocked Interface Polymeric Membrane Ion-Selective Electrodes Using Electrochemical Impedance Spectroscopy and Atomic Force Microscopy. *Electroanalysis*, **2008**, 20, 313-317	3	5
23	Surface analysis of commercial lead/acid battery grids. *Applied Surface Science*, **1995**, 84, 237-244	6.7	5
22	Electrochemical and Surface Analysis Studies on the Carbon Dioxide Corrosion of X-65 Carbon Steel. *Electroanalysis*, **2016**, 28, 2910-2921	3	4
21	A near edge X-ray absorption fine structure (NEXAFS) study of the response mechanism of the iron (III) chalcogenide glass membrane ion-selective electrode. *Electrochemistry Communications*, **2014**, 41, 27-30	5.1	4
20	Synergistic effects of novel battery manufacturing processes for lead□acid batteries. Part I: Charge/discharge cycling of batteries. *Journal of Applied Electrochemistry*, **2002**, 32, 1039-1042	2.6	4
19	Changes in positive lead/acid battery plates during charge/discharge cycling. *Journal of Applied Electrochemistry*, **2000**, 30, 77-83	2.6	4
18	Determination of major constituents in metal samples by emission spectrometry using a demountable hollow cathode source and internal standardization. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **1986**, 41, 591-595	3.1	4
17	Effect of heat treatment on hydrogen permeation behaviour of AISI 4135 steel under splash zone conditions. *Corrosion Engineering Science and Technology*, **2016**, 51, 163-170	1.7	3
16	Structures and properties of solvated and unsolvated isopropyl functionalised calix[4]arenes. *Supramolecular Chemistry*, **2009**, 21, 479-485	1.8	3
15	Response Mechanisms and New Approaches with Solid-State Ion-Selective Electrodes: A Powerful Multitechnique Materials Characterization Approach. *Electroanalysis*, **2006**, 18, 1273-1281	3	3
14	Reply to □Comments on □alibration of a chalcogenide glass membrane ion-selective electrode for the determination of free Fe3+ in seawater: I. Measurements in UV photooxidised seawater□by De Marco and Mackey (Marine Chemistry 68 () 283□294)□by Constant M.G. van den Berg. *Marine Chemistry*, **2000**, 71, 333-336	3.7	3
13	Precision and accuracy of quantitative emission spectrometry with particular reference to gold alloys. *Analytica Chimica Acta*, **1987**, 194, 189-197	6.6	3
12	Electrochemistry-Assisted Photoelectrochemical Reduction of Nitrogen to Ammonia. *Journal of Physical Chemistry C*, **2021**, 125, 23041-23049	3.8	3
11	Development of an improved ligand mimetic calibration system for the analysis of iron(III) in seawater using the iron(III) chalcogenide glass ion selective electrode: A combined mechanistic and analytical study. *Sensors and Actuators B: Chemical*, **2015**, 207, 907-917	8.5	2
10	Electron Hopping between Fe 3 d States in Ethynylferrocene-doped Poly(Methyl Methacrylate)-poly(Decyl Methacrylate) Copolymer Membranes. *Electroanalysis*, **2018**, 30, 596-601	3	2
9	Is ballistic transportation or quantum confinement responsible for changes in the electrical properties of thin polymer films?. *Physical Chemistry Chemical Physics*, **2013**, 15, 1364-8	3.6	2

8	Proton dynamics in phosphotungstic acid impregnated mesoporous silica proton exchange membrane materials. *Green Energy and Environment*, **2017**, 2, 294-301	5.7	2
7	Response of the Iron Chalcogenide Glass Membrane Ion-Selective Electrode in a Seawater Ligand Mimetic Calibration Buffer. *Electroanalysis*, **2007**, 19, 2513-2517	3	2
6	Synergistic effects of novel battery manufacturing processes for lead/acid batteries: Part II: Mechanistic studies. *Journal of Applied Electrochemistry*, **2004**, 34, 263-270	2.6	2
5	Electrochemistry at the interface between an aqueous droplet and 1,2-dichloroethane. *Electrochemistry Communications*, **2012**, 19, 142-144	5.1	1
4	A Combined Voltammetric and Synchrotron Radiation-Grazing Incidence X-ray Diffraction Study of the Electrocrystallization of Zinc Tetracyanoquinodimethane. *Australian Journal of Chemistry*, **2012**, 65, 236	1.2	1
3	Influence of lead(II) carbonate films of non-antimonial grids on the deep discharge cycling behaviour of maintenance-free lead/acid batteries. *Journal of Applied Electrochemistry*, **1997**, 27, 93-98	2.6	1
2	Transformation of Cadmium Tetracyanoquinodimethane (TCNQ) into a Cadmium Terephthalate Metal□Organic Framework. *Australian Journal of Chemistry*, **2017**, 70, 973	1.2	
1	The effect of the ordered phase CuAu on the accuracy of emission analysis of gold alloys. *Analytica Chimica Acta*, **1987**, 199, 249-252	6.6	