Philip Bartlett

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5889431/publications.pdf

Version: 2024-02-01

307 papers	16,554 citations	13068 68 h-index	20307 116 g-index

357 all docs	357 docs citations	357 times ranked	13010 citing authors

#	Article	IF	Citations
1	Mesoporous Platinum Films from Lyotropic Liquid Crystalline Phases. Science, 1997, 278, 838-840.	6.0	937
2	A brief history of electronic noses. Sensors and Actuators B: Chemical, 1994, 18, 210-211.	4.0	773
3	Omnidirectional absorption in nanostructured metal surfaces. Nature Photonics, 2008, 2, 299-301.	15.6	430
4	Layer-by-Layer Self-Assembly of Glucose Oxidase with a Poly(allylamine)ferrocene Redox Mediator. Langmuir, 1997, 13, 2708-2716.	1.6	421
5	Detection of Hydrogen Peroxide at Mesoporous Platinum Microelectrodes. Analytical Chemistry, 2002, 74, 1322-1326.	3.2	351
6	Highly Ordered Macroporous Gold and Platinum Films Formed by Electrochemical Deposition through Templates Assembled from Submicron Diameter Monodisperse Polystyrene Spheres. Chemistry of Materials, 2002, 14, 2199-2208.	3.2	328
7	Strong Coupling between Localized Plasmons and Organic Excitons in Metal Nanovoids. Physical Review Letters, 2006, 97, 266808.	2.9	269
8	A general model for dispersed kinetics in heterogeneous systems. Journal of the American Chemical Society, 1985, 107, 1854-1858.	6.6	254
9	Localized and delocalized plasmons in metallic nanovoids. Physical Review B, 2006, 74, .	1.1	250
10	Conducting polymer gas sensors Part III: Results for four different polymers and five different vapours. Sensors and Actuators, 1989, 20, 287-292.	1.8	234
11	Wetting of Regularly Structured Gold Surfaces. Langmuir, 2005, 21, 1753-1757.	1.6	217
12	Electrochemical deposition of macroporous platinum, palladium and cobalt films using polystyrene latex sphere templates. Chemical Communications, 2000, , 1671-1672.	2.2	211
13	Electronic nose for monitoring the flavour of beers. Analyst, The, 1993, 118, 371.	1.7	210
14	Optical properties of nanostructured metal films. Faraday Discussions, 2004, 125, 117.	1.6	185
15	SERS at Structured Palladium and Platinum Surfaces. Journal of the American Chemical Society, 2007, 129, 7399-7406.	6.6	185
16	Conducting polymer gas sensors part I: fabrication and characterization. Sensors and Actuators, 1989, 19, 125-140.	1.8	184
17	Understanding Plasmons in Nanoscale Voids. Nano Letters, 2007, 7, 2094-2100.	4.5	182
18	Electrochemical syntheses of highly ordered macroporous conducting polymers grown around self-assembled colloidal templates. Journal of Materials Chemistry, 2001, 11, 849-853.	6.7	174

#	Article	IF	Citations
19	The preparation and characterisation of H1-e palladium films with a regular hexagonal nanostructure formed by electrochemical deposition from lyotropic liquid crystalline phases. Physical Chemistry Chemical Physics, 2002, 4, 3835-3842.	1.3	173
20	Electrochemical SERS at a structured gold surface. Electrochemistry Communications, 2005, 7, 740-744.	2.3	171
21	Confined Plasmons in Metallic Nanocavities. Physical Review Letters, 2001, 87, 176801.	2.9	170
22	Electrochemical immobilization of enzymes. 3. Immobilization of glucose oxidase in thin films of electrochemically polymerized phenols. Analytical Chemistry, 1992, 64, 138-142.	3.2	167
23	SERS-Melting: A New Method for Discriminating Mutations in DNA Sequences. Journal of the American Chemical Society, 2008, 130, 15589-15601.	6.6	165
24	Strategies for the development of amperometric enzyme electrodes. Biosensors, 1987, 3, 359-379.	2.0	163
25	Amperometric enzyme electrodes. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1985, 194, 223-235.	0.3	162
26	Plasmonic Band Gaps and Trapped Plasmons on Nanostructured Metal Surfaces. Physical Review Letters, 2005, 95, 116802.	2.9	154
27	Conducting polymer gas sensors part II: response of polypyrrole to methanol vapour. Sensors and Actuators, 1989, 19, 141-150.	1.8	150
28	An Enzyme Switch Employing Direct Electrochemical Communication between Horseradish Peroxidase and a Poly(aniline) Film. Analytical Chemistry, 1998, 70, 3685-3694.	3.2	147
29	There is no evidence to support literature claims of direct electron transfer (DET) for native glucose oxidase (GOx) at carbon nanotubes or graphene. Journal of Electroanalytical Chemistry, 2018, 819, 26-37.	1.9	144
30	Oxidation of Î²-nicotinamide adenine dinucleotide (NADH) at poly(aniline)-coated electrodes. Journal of the Chemical Society, Faraday Transactions, 1997, 93, 1951-1960.	1.7	143
31	Nanostructured Platinum (HI-ePt) Films:Â Effects of Electrodeposition Conditions on Film Properties. Chemistry of Materials, 1999, 11, 3602-3609.	3.2	141
32	Sculpted substrates for SERS. Faraday Discussions, 2006, 132, 191-199.	1.6	141
33	Platinum Microelectrodes with Unique High Surface Areas. Langmuir, 1999, 15, 7411-7415.	1.6	136
34	Mesoporous Pt/Ru Alloy from the Hexagonal Lyotropic Liquid Crystalline Phase of a Nonionic Surfactant. Chemistry of Materials, 2001, 13, 1444-1446.	3.2	126
35	The Transport and Kinetics of Photogenerated Carriers in Colloidal Semiconductor Electrode Particles. Journal of the Electrochemical Society, 1984, 131, 315-325.	1.3	120
36	Understanding the Surface-Enhanced Raman Spectroscopy â€œBackgroundâ€• Journal of Physical Chemistry C, 2010, 114, 7242-7250.	1.5	118

#	Article	IF	Citations
37	Electrochemical deposition of macroporous magnetic networks using colloidal templates. Journal of Materials Chemistry, 2003, 13, 2596.	6.7	115
38	Amperometric enzyme electrodes. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1985, 194, 211-222.	0.3	110
39	A Microelectrochemical Enzyme Transistor Responsive to Glucose. Analytical Chemistry, 1994, 66, 1552-1559.	3.2	108
40	Tuning plasmons on nano-structured substrates for NIR-SERS. Physical Chemistry Chemical Physics, 2007, 9, 104-109.	1.3	107
41	Poly(aniline)â€“poly(acrylate) composite films as modified electrodes for the oxidation of NADH. Physical Chemistry Chemical Physics, 2000, 2, 2599-2606.	1.3	105
42	The Electrochemical Deposition of Nanostructured Cobalt Films from Lyotropic Liquid Crystalline Media. Journal of the Electrochemical Society, 2001, 148, C119.	1.3	101
43	Dressing Plasmons in Particle-in-Cavity Architectures. Nano Letters, 2011, 11, 1221-1226.	4.5	101
44	Fuzzy ARTMAP based electronic nose data analysis. Sensors and Actuators B: Chemical, 1999, 61, 183-190.	4.0	94
45	Covalent Attachment of Osmium Complexes to Glucose Oxidase and the Application of the Resulting Modified Enzyme in an Enzyme Switch Responsive to Glucose. Analytical Chemistry, 2000, 72, 502-509.	3.2	92
46	A Label-Free, Electrochemical SERS-Based Assay for Detection of DNA Hybridization and Discrimination of Mutations. Journal of the American Chemical Society, 2012, 134, 14099-14107.	6.6	92
47	Reproducible SERRS from structured gold surfaces. Physical Chemistry Chemical Physics, 2007, 9, 6016.	1.3	89
48	Templated electrochemical deposition of nanostructured macroporous PbO2. Journal of Materials Chemistry, 2002, 12, 3130-3135.	6.7	88
49	Enzyme switch responsive to glucose. Analytical Chemistry, 1993, 65, 1118-1119.	3.2	87
50	Application of conducting polymer technology in microsystems. Sensors and Actuators A: Physical, 1995, 51, 57-66.	2.0	85
51	Quartz crystal impedance studies at 10 MHz of viscoelastic liquids and films. Faraday Discussions, 1997, 107, 141-157.	1.6	85
52	Relating SERS Intensity to Specific Plasmon Modes on Sphere Segment Void Surfaces. Journal of Physical Chemistry C, 2009, 113, 9284-9289.	1.5	83
53	Covalent binding of electron relays to glucose oxidase. Journal of the Chemical Society Chemical Communications, 1987, , 1603.	2.0	82
54	Electrochemical sensors: theory and experiment. Journal of the Chemical Society Faraday Transactions I, 1986, 82, 1033.	1.0	81

#	Article	IF	Citations
55	The Transport and Kinetics of Minority Carriers in Illuminated Semiconductor Electrodes. Journal of the Electrochemical Society, 1981, 128, 1492-1501.	1.3	79
56	An organic conductor electrode for the oxidation of NADH. Journal of the Chemical Society Chemical Communications, 1984, , 234.	2.0	79
57	Voltammetry and determination of metronidazole at a carbon fiber microdisk electrode. Talanta, 2005, 66, 869-874.	2.9	79
58	Enzyme electrode studies of glucose oxidase modified with a redox mediator. Talanta, 1991, 38, 57-63.	2.9	78
59	A multisensor system for beer flavour monitoring using an array of conducting polymers and predictive classifiers. Sensors and Actuators B: Chemical, 1994, 18, 240-243.	4.0	78
60	Monolayer anthracene and anthraquinone modified electrodes as platforms for Trametes hirsuta laccase immobilisation. Physical Chemistry Chemical Physics, 2010, 12, 10018.	1.3	78
61	Amperometric enzyme electrodes. Philosophical Transactions of the Royal Society of London Series B, Biological Sciences, 1987, 316, 107-119.	2.4	77
62	The oxidation of ascorbate at poly(aniline)â€“poly(vinylsulfonate) composite coated electrodes. Physical Chemistry Chemical Physics, 2001, 3, 1491-1496.	1.3	77
63	Enhancing solar cells with localized plasmons in nanovoids. Optics Express, 2011, 19, 11256.	1.7	76
64	Lyotropic Liquid Crystalline Properties of Nonionic Surfactant/H2O/Hexachloroplatinic Acid Ternary Mixtures Used for the Production of Nanostructured Platinum. Langmuir, 1998, 14, 7340-7342.	1.6	74
65	An amperometric enzyme electrode for monitoring brain glucose in the freely moving rat. Neuroscience Letters, 1986, 72, 283-288.	1.0	73
66	Electrodeposition and properties of nanostructured platinum films studied by quartz crystal impedance measurements at 10 MHz. Electrochimica Acta, 2000, 45, 3711-3724.	2.6	73
67	Easily Coupled Whispering Gallery Plasmons in Dielectric Nanospheres Embedded in Gold Films. Physical Review Letters, 2006, 97, 137401.	2.9	71
68	Electrodeposition of metals from supercritical fluids. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14768-14772.	3.3	70
69	Performance definition and standardization of electronic noses. Sensors and Actuators B: Chemical, 1996, 33, 60-67.	4.0	69
70	Dressing Plasmons in Particle-in-Cavity Architectures. , 2011, , .		68
71	A double templated electrodeposition method for the fabrication of arrays of metal nanodots. Electrochemistry Communications, 2004, 6, 447-453.	2.3	66
72	Electroactivity, stability and application in an enzyme switch at pH 7 of poly(aniline)â€“poly(styrenesulfonate) composite films. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 4137-4143.	1.7	65

#	Article	IF	Citations
73	Amperometric enzyme electrodes. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1987, 218, 119-126.	0.3	64
74	Quantitative Electrochemical SERS of Flavin at a Structured Silver Surface. Langmuir, 2008, 24, 7018-7023.	1.6	64
75	Site-Directed Immobilization of Bilirubin Oxidase for Electrocatalytic Oxygen Reduction. ACS Catalysis, 2019, 9, 2068-2078.	5.5	64
76	Modification of Glucose Oxidase by the Covalent Attachment of a Tetrathiafulvalene Derivative. Analytical Chemistry, 1997, 69, 734-742.	3.2	63
77	Electrochemical immobilisation of enzymes. Part 4.â€”Co-immobilisation of glucose oxidase and ferro/ferricyanide in poly(N-methylpyrrole) films. Journal of the Chemical Society, Faraday Transactions, 1992, 88, 2677-2683.	1.7	62
78	Self-Powered Wireless Carbohydrate/Oxygen Sensitive Biodevice Based on Radio Signal Transmission. PLoS ONE, 2014, 9, e109104.	1.1	62
79	Microelectrochemical enzyme transistors. Chemical Communications, 2000, , 105-112.	2.2	61
80	Phase interrogation of an integrated optical SPR sensor. Sensors and Actuators B: Chemical, 2004, 97, 114-121.	4.0	61
81	Modified electrodes for NADH oxidation and dehydrogenase-based biosensors. Bioelectrochemistry, 2002, 56, 117-122.	2.4	59
82	Covalent Tethering of Organic Functionality to the Surface of Glassy Carbon Electrodes by Using Electrochemical and Solidâ€Phase Synthesis Methodologies. Chemistry - A European Journal, 2008, 14, 2548-2556.	1.7	59
83	Covalent modification of glassy carbon surface with organic redox probes through diamine linkers using electrochemical and solid-phase synthesis methodologies. Journal of Materials Chemistry, 2008, 18, 4917.	6.7	59
84	Immobilisation of enzymes on poly(aniline)â€“poly(anion) composite films. Preparation of bioanodes for biofuel cell applications. Bioelectrochemistry, 2002, 55, 13-15.	2.4	57
85	The electrochemistry of cytochrome c at a conducting polymer electrode. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1989, 261, 471-475.	0.3	54
86	Immobilisation of lactate dehydrogenase on poly(aniline)â€“poly(acrylate) and poly(aniline)â€“poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 1	2.6	54
87	Combined macro-/mesoporous microelectrode arrays for low-noise extracellular recording of neural networks. Journal of Neurophysiology, 2012, 108, 1793-1803.	0.9	54
88	Electrochemical synthesis and study of polydiphenylamine. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1987, 220, 287-294.	0.3	52
89	Preparation and characterization of H1â€“e rhodium films. Microporous and Mesoporous Materials, 2003, 62, 73-79.	2.2	51
90	Electrodeposition of highly ordered macroporous iridium oxide through self-assembled colloidal templates. Journal of Materials Chemistry, 2009, 19, 3855.	6.7	51

#	Article	IF	Citations
91	Amperometric enzyme electrodes. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1987, 218, 127-134.	0.3	50
92	Confined Surface Plasmons in Gold Photonic Nanocavities. Advanced Materials, 2001, 13, 1368-1370.	11.1	50
93	A Micromachined Calorimetric Gas Sensor:Â an Application of Electrodeposited Nanostructured Palladium for the Detection of Combustible Gases. Analytical Chemistry, 2003, 75, 126-132.	3.2	50
94	Metal complexes of a tetrathiafulvalene 4,5-dithiolate. Synthesis, characterisation and properties of dianionic and neutral mercury complexes. Journal of the Chemical Society Dalton Transactions, 1996, , 823.	1.1	49
95	Electrocatalysis with monolayer modified highly organized macroporous electrodes. Electrochemistry Communications, 2003, 5, 747-751.	2.3	49
96	A Flexible Method for the Stable, Covalent Immobilization of Enzymes at Electrode Surfaces. ChemElectroChem, 2017, 4, 1528-1534.	1.7	48
97	Amperometric enzyme electrodes. Journal of Electroanalytical Chemistry, 1992, 323, 77-102.	1.9	46
98	Heterogeneous redox catalysis at hydrated oxide layers. Journal of Electroanalytical Chemistry, 1993, 351, 245-258.	1.9	46
99	Redox polymers for electrocatalytic oxidation of NADH - A random block methyl-siloxane polymer containing meldola blue. Electroanalysis, 1995, 7, 935-940.	1.5	46
100	Bioelectrocatalysis with modified highly ordered macroporous electrodes. Journal of Electroanalytical Chemistry, 2005, 579, 181-187.	1.9	46
101	Strong coupling of light to flat metals via a buried nanovoid lattice: the interplay of localized and free plasmons. Optics Express, 2006, 14, 1965.	1.7	45
102	Non-aqueous electrodeposition of p-block metals and metalloids from halometallate salts. RSC Advances, 2013, 3, 15645.	1.7	43
103	Measurement of low glucose concentrations using a microelectrochemical enzyme transistor. Analyst, The, 1998, 123, 387-392.	1.7	42
104	UV SERS at well ordered Pd sphere segment void (SSV) nanostructures. Physical Chemistry Chemical Physics, 2009, 11, 1023-1026.	1.3	42
105	The Photoelectrochemical Kinetics of pâ€Type GaP. Journal of the Electrochemical Society, 1982, 129, 2254-2261.	1.3	41
106	Amperometric chemical sensors using microheterogeneous systems. Analyst, The, 1992, 117, 1271.	1.7	41
107	Electrochemical Deposition of Nanostructured (H1-e) Layers of Two Metals in Which Pores within the Two Layers Interconnect. Chemistry of Materials, 2003, 15, 2962-2968.	3.2	41
108	Magnetic antidot arrays from self-assembly template methods. Journal of Applied Physics, 2003, 93, 7322-7324.	1.1	41

#	Article	IF	Citations
109	Mass transport controlled oxygen reduction at anthraquinone modified 3D-CNT electrodes with immobilized Trametes hirsuta laccase. Physical Chemistry Chemical Physics, 2012, 14, 11882.	1.3	41
110	Electrodeposition from supercritical fluids. Physical Chemistry Chemical Physics, 2014, 16, 9202.	1.3	41
111	and rotating ring-disc electrodes. Electrochimica Acta, 1993, 38, 2515-2523.	2.6	40
112	An Instrument for Simultaneous EQCM Impedance and SECM Measurements. Analytical Chemistry, 2000, 72, 349-356.	3.2	39
113	Approaches to the Integration of Electrochemistry and Biotechnology: I. Enzymeâ€Modified Reticulated Vitreous Carbon Electrodes. Journal of the Electrochemical Society, 1997, 144, 3705-3710.	1.3	38
114	Measurement of the Kinetic Isotope Effect for the Oxidation of NADH at a Poly(aniline)-Modified Electrode. Journal of the American Chemical Society, 2003, 125, 4014-4015.	6.6	37
115	Electrochemically polymerised films of 5-carboxyinodele. Preparation and properties. Journal of the Chemical Society, Faraday Transactions, 1992, 88, 2685.	1.7	36
116	Extracting kinetic parameters for homogeneous [Os(bpy)2ClPyCOOH]+ mediated enzyme reactions from cyclic voltammetry and simulations. Bioelectrochemistry, 2008, 74, 201-209.	2.4	36
117	Electrochemical and solid-phase synthetic modification of glassy carbon electrodes with dihydroxybenzene compounds and the electrocatalytic oxidation of NADH. Bioelectrochemistry, 2009, 76, 115-125.	2.4	36
118	SERS from molecules bridging the gap of particle-in-cavity structures. Chemical Communications, 2011, 47, 6335.	2.2	36
119	Spherical micromirrors from templated self-assembly: Polarization rotation on the micron scale. Applied Physics Letters, 2003, 83, 767-769.	1.5	35
120	High-Throughput Synthesis and Electrochemical Screening of a Library of Modified Electrodes for NADH Oxidation. Journal of the American Chemical Society, 2012, 134, 18022-18033.	6.6	35
121	Electrochemical immobilization of enzymes. Part VI. Microelectrodes for the detection of L-lactate based on flavocytochrome b 2 immobilized in a poly(phenol) film. Analyst, The, 1994, 119, 175.	1.7	34
122	Redox polymers for electrocatalytic oxidation of NADH - Cationic styrene and ethylenimine polymers. Electroanalysis, 1996, 8, 575-581.	1.5	33
123	Electrodeposition of germanium from supercritical fluids. Physical Chemistry Chemical Physics, 2012, 14, 1517-1528.	1.3	33
124	Incident Wavelength Resolved Resonant SERS on Au Sphere Segment Void (SSV) Arrays. Journal of Physical Chemistry C, 2012, 116, 3414-3420.	1.5	32
125	Influence of macroporous gold support and its functionalization on lactate oxidase-based biosensors response. Talanta, 2012, 94, 328-334.	2.9	32
126	Denaturation of dsDNA immobilised at a negatively charged gold electrode is not caused by electrostatic repulsion. Chemical Science, 2013, 4, 1625.	3.7	32

#	Article	IF	Citations
127	The design of dehydrogenase enzymes for use in a biofuel cell: the role of genetically introduced peptide tags in enzyme immobilization on electrodes. Bioelectrochemistry, 2002, 55, 21-23.	2.4	31
128	Relaxation and Simplex mathematical algorithms applied to the study of steady-state electrochemical responses of immobilized enzyme biosensors: Comparison with experiments. Journal of Electroanalytical Chemistry, 2008, 616, 87-98.	1.9	31
129	A study on the direct electrochemical communication between horseradish peroxidase and a poly(aniline) modified electrode. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 3123.	1.7	30
130	Covalent modification of carbon nanotubes with anthraquinone by electrochemical grafting and solid phase synthesis. Electrochimica Acta, 2012, 68, 74-80.	2.6	30
131	Specifically horizontally tethered DNA probes on Au surfaces allow labelled and label-free DNA detection using SERS and electrochemically driven melting. Chemical Science, 2016, 7, 386-393.	3.7	30
132	Direct Electron-Transfer Anisotropy of a Site-Specifically Immobilized Cellobiose Dehydrogenase. ACS Catalysis, 2019, 9, 7607-7615.	5.5	30
133	Electrochemical Characterization of a Templated Insulating Polymer-Modified Electrode. Analytical Chemistry, 2001, 73, 2855-2861.	3.2	29
134	Shape induced anomalies in vortex pinning and dynamics of superconducting antidot arrays with spherical cavities. Applied Physics Letters, 2006, 89, 092503.	1.5	29
135	Electrodeposition of PANi films on platinum needle type microelectrodes. Application to the oxidation of ascorbate in human plasma. Analytica Chimica Acta, 2010, 676, 1-8.	2.6	29
136	The effect of surface species on the rate of H sorption into nanostructured Pd. Physical Chemistry Chemical Physics, 2004, 6, 2895.	1.3	28
137	Using spacer layers to control metal and semiconductor absorption in ultrathin solar cells with plasmonic substrates. Physical Review B, 2012, 85, .	1.1	28
138	Non-aqueous electrodeposition of functional semiconducting metal chalcogenides: Ge₂Sb₂Te₅ phase change memory. Materials Horizons, 2015, 2, 420-426.	6.4	28
139	Surface and waveguide collection of Raman emission in waveguide-enhanced Raman spectroscopy. Optics Letters, 2016, 41, 4146.	1.7	28
140	Using Electrochemical SERS to Measure the Redox Potential of Drug Molecules Bound to dsDNAâ€"a Study of Mitoxantrone. Electrochimica Acta, 2016, 187, 684-692.	2.6	28
141	The Electrochemistry of Colloidal Semiconductor Particles: Experiments on and. Journal of the Electrochemical Society, 1984, 131, 2896-2900.	1.3	27
142	Transport and kinetics in multicomponent chemically modified electrodes. Faraday Discussions of the Chemical Society, 1989, 88, 139.	2.2	27
143	A microelectrochemical switch responsive to NADH. Chemical Communications, 1996, , 359.	2.2	27
144	Liquid crystal phase templated mesoporous platinum alloy. Microporous and Mesoporous Materials, 2001, 44-45, 159-163.	2.2	27

#	Article	IF	Citations
145	Using Surface-Enhanced Raman Spectroscopy and Electrochemically Driven Melting to Discriminate Yersinia pestis from Y. pseudotuberculosis Based on Single Nucleotide Polymorphisms within Unpurified Polymerase Chain Reaction Amplicons. Analytical Chemistry, 2015, 87, 1605-1612.	3.2	27
146	Studying Direct Electron Transfer by Siteâ€Directed Immobilization of Cellobiose Dehydrogenase. ChemElectroChem, 2019, 6, 700-713.	1.7	27
147	Modulated Light Studies of the Electrochemistry of Semiconductors: Theory and Experiment. Journal of the Electrochemical Society, 1987, 134, 2486-2491.	1.3	26
148	Potential applications of electropolymerized thin organic films in nanotechnology. Nanotechnology, 1991, 2, 19-32.	1.3	26
149	The application of the relaxation and simplex method to the analysis of data for glucose electrodes based on glucose oxidase immobilised in an osmium redox polymer. Journal of Electroanalytical Chemistry, 2010, 646, 24-32.	1.9	26
150	A study of the modification of glassy carbon and edge and basal plane highly oriented pyrolytic graphite electrodes modified with anthraquinone using diazonium coupling and solid phase synthesis and their use for oxygen reduction. Journal of Electroanalytical Chemistry, 2013, 706, 25-32.	1.9	26
151	Halometallate Complexes of Germanium(II) and (IV): Probing the Role of Cation, Oxidation State and Halide on the Structural and Electrochemical Properties. Chemistry - A European Journal, 2014, 20, 5019-5027.	1.7	26
152	Electrochemistry of poly(3-thiopheneacetic acid) in aqueous solution: evidence for an intramolecular chemical reaction. Journal of Materials Chemistry, 1994, 4, 1805.	6.7	25
153	Effect of micro-electrode geometry on response of thin-film poly(pyrrole) and poly(aniline) chemoresistive sensors. Sensors and Actuators B: Chemical, 1999, 57, 17-27.	4.0	25
154	Nanostructured materials for batteries. Macromolecular Symposia, 2000, 156, 179-186.	0.4	25
155	The electrodeposition of copper from supercritical CO2/acetonitrile mixtures and from supercritical trifluoromethane. Physical Chemistry Chemical Physics, 2010, 12, 11744.	1.3	25
156	Phase behaviour and conductivity study on multi-component mixtures for electrodeposition in supercritical fluids. Physical Chemistry Chemical Physics, 2010, 12, 492-501.	1.3	25
157	A study of the preconcentration and stripping voltammetry of Pb(ii) at carbon electrodes. Analyst, The, 2000, 125, 1135-1138.	1.7	24
158	Tin, Bismuth, and Tinâ€“Bismuth Alloy Electrodeposition from Chlorometalate Salts in Deep Eutectic Solvents. ChemistryOpen, 2017, 6, 393-401.	0.9	24
159	Imaging optical near fields at metallic nanoscale voids. Physical Review B, 2008, 78, .	1.1	23
160	Pattern Recognition in Odour Sensing. , 1992, , 161-179.		23
161	Synthesis and electrochemical properties of tetrathiafulvalene derived amino acids and peptides. Journal of the Chemical Society Perkin Transactions 1, 1998, , 1467-1474.	0.9	22
162	Mie plasmon enhanced diffraction of light from nanoporous metal surfaces. Optics Express, 2006, 14, 11964.	1.7	22

#	Article	IF	Citations
163	Position-dependent coupling between a channel waveguide and a distorted microsphere resonator. Journal of Applied Physics, 2010, 107, 053105.	1.1	22
164	The oxidation of ascorbate at copolymeric sulfonated poly(aniline) coated on glassy carbon electrodes. Bioelectrochemistry, 2011, 80, 105-113.	2.4	22
165	Waveguide Absorption Spectroscopy of Bovine Serum Albumin in the Mid-Infrared Fingerprint Region. ACS Sensors, 2019, 4, 1749-1753.	4.0	22
166	The Recombination of Photogenerated Minority Carriers in the Depletion Layer of Semiconductor Electrodes. Journal of the Electrochemical Society, 1983, 130, 1699-1706.	1.3	21
167	Oxidation of NADH produced by a lactate dehydrogenase immobilised on poly(aniline)â€“poly(anion) composite films. Journal of Electroanalytical Chemistry, 2002, 538-539, 253-259.	1.9	21
168	Oscillatory thickness dependence of the coercive field in magnetic three-dimensional antidot arrays. Applied Physics Letters, 2006, 88, 062511.	1.5	21
169	Exploration of the Smallest Diameter Tin Nanowires Achievable with Electrodeposition: Sub 7 nm Sn Nanowires Produced by Electrodeposition from a Supercritical Fluid. Nano Letters, 2018, 18, 941-947.	4.5	21
170	Large-Area Electrodeposition of Few-Layer MoS₂ on Graphene for 2D Material Heterostructures. ACS Applied Materials & Interfaces, 2020, 12, 49786-49794.	4.0	21
171	Odour Sensors for an Electronic Nose. , 1992, , 31-51.		21
172	Transport and kinetics at microheterogeneous electrodes. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1982, 131, 137-144.	0.3	20
173	Conducting-polymer-based electrochemical sensors: theoretical analysis of the transient current response. Journal of Electroanalytical Chemistry, 1994, 365, 29-34.	1.9	20
174	NAD(P)-Based Biosensors. , 0, , 157-198.		20
175	The Electrochemistry of Colloidal Semiconductor Particles: Theory. Journal of the Electrochemical Society, 1984, 131, 2892-2896.	1.3	19
176	Conducting polymer films. Attachment of pyrrole groups to open-chain nitrogen-containing ligands and related species. Electrochimica Acta, 1990, 35, 1273-1278.	2.6	19
177	Covalent Modification of Glassy Carbon Surfaces by Using Electrochemical and Solidâ€Phase Synthetic Methodologies: Application to Biâ€•and Trifunctionalisation with Different Redox Centres. Chemistry - A European Journal, 2009, 15, 11928-11936.	1.7	19
178	The Use of an Electroactive Marker as a SERS Label in an Eâ€•melting Mutation Discrimination Assay. Electroanalysis, 2009, 21, 2190-2197.	1.5	19
179	The Electrodeposition of Silver from Supercritical Carbon Dioxide/Acetonitrile. ChemElectroChem, 2014, 1, 187-194.	1.7	19
180	Electrochemistry in supercritical fluids. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20150007.	1.6	19

#	Article	IF	Citations
181	Waveguide Enhanced Raman Spectroscopy for Biosensing: A Review. ACS Sensors, 2021, 6, 2025-2045.	4.0	19
182	Modification of glucose oxidase by tetrathiafulvalene. Journal of the Chemical Society Chemical Communications, 1990, , 1135.	2.0	18
183	Analysis of Short Tandem Repeats by Using SERS Monitoring and Electrochemical Melting. Angewandte Chemie - International Edition, 2010, 49, 5917-5920.	7.2	18
184	An analysis of the kinetics of oxidation of ascorbate at poly(aniline)-poly(styrene sulfonate) modified microelectrodes. Physical Chemistry Chemical Physics, 2011, 13, 5365.	1.3	18
185	The Design of an Artificial Olfactory System. , 1990, , 131-173.		18
186	Small-volume electrochemical cell designed for rotating disk studies in bioelectrochemistry. Analytical Chemistry, 1989, 61, 2803-2805.	3.2	17
187	Conducting polymer films. Attachment of pyrrole groups to aza-macrocycles and attempted electrochemical polymerisation of the resulting monomers. Electrochimica Acta, 1990, 35, 1051-1055.	2.6	17
188	Tunable resonant optical microcavities by self-assembled templating. Optics Letters, 2004, 29, 1500.	1.7	17
189	Orientation and symmetry control of inverse sphere magnetic nanoarrays by guided self-assembly. Journal of Applied Physics, 2006, 100, 113720.	1.1	17
190	SERS from two-tier sphere segment void substrates. Physical Chemistry Chemical Physics, 2011, 13, 16661.	1.3	17
191	Evidence for enhanced capacitance and restricted motion of an ionic liquid confined in 2 nm diameter Pt mesopores. Physical Chemistry Chemical Physics, 2012, 14, 3872.	1.3	17
192	Real-Time Surface-Enhanced Raman Spectroscopy Monitoring of Surface pH during Electrochemical Melting of Double-Stranded DNA. Langmuir, 2012, 28, 5464-5470.	1.6	17
193	The effect of base-pair sequence on electrochemically driven denaturation. Bioelectrochemistry, 2012, 85, 7-13.	2.4	17
194	A Versatile Precursor System for Supercritical Fluid Electrodeposition of Mainâ€Group Materials. Chemistry - A European Journal, 2016, 22, 302-309.	1.7	17
195	Modified electrode surface in amperometric biosensors. Medical and Biological Engineering and Computing, 1990, 28, B10-B17.	1.6	16
196	Controlled Assembly of Micrometer-Sized Spheres:â€‰ Theory and Application. Langmuir, 2007, 23, 7859-7873.	1.6	16
197	Thermoelectric Properties of Bismuth Telluride Thin Films Electrodeposited from a Nonaqueous Solution. ACS Omega, 2020, 5, 14679-14688.	1.6	16
198	Electrodeposition of MoS₂ from Dichloromethane. Journal of the Electrochemical Society, 2020, 167, 106511.	1.3	16

#	Article	IF	Citations
199	Direct assembly of three-dimensional mesh plasmonic rolls. Applied Physics Letters, 2012, 100, 193107.	1.5	15
200	Transport and kinetics at microheterogeneous electrodes. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1982, 131, 145-152.	0.3	14
201	The measurement of alkaline phosphatase at nanomolar concentration within 70 s using a disposable microelectrochemical transistor. Bioelectrochemistry, 2004, 64, 53-59.	2.4	14
202	Phase behaviour and conductivity study of electrolytes in supercritical hydrofluorocarbons. Physical Chemistry Chemical Physics, 2011, 13, 190-198.	1.3	14
203	Preparation of copper sphere segment void templates for electrochemical SERS and their use to study the interaction of amino acids with copper under potentiostatic control. Electrochimica Acta, 2014, 144, 400-405.	2.6	14
204	Wetting of Surfaces Made of Hydrophobic Cavities. Langmuir, 2015, 31, 9325-9330.	1.6	14
205	Towards a 3D GeSbTe phase change memory with integrated selector by non-aqueous electrodeposition. Faraday Discussions, 2019, 213, 339-355.	1.6	14
206	The demonstration of an enhanced microelectrochemical transistor for measurements in neutral solution at low analyte concentration. Bioelectrochemistry, 2004, 64, 15-22.	2.4	13
207	The fabrication of plasmonic Au nanovoid trench arrays by guided self-assembly. Nanotechnology, 2009, 20, 285309.	1.3	13
208	A Hisâ€Tagged Melanocarpus albomyces Laccase and its Electrochemistry upon Immobilisation on NTAâ€Modified Electrodes and in Conducting Polymer Films. ChemPhysChem, 2013, 14, 2225-2231.	1.0	13
209	Electrochemical studies of decamethylferrocene in supercritical carbon dioxide mixtures. Physical Chemistry Chemical Physics, 2015, 17, 261-267.	1.3	13
210	Photogalvanic cells. Part 14. The synthesis and characterization of disulphonated thionines. Journal of the Chemical Society Perkin Transactions II, 1981, , 794.	0.9	12
211	Transport and kinetics at microheterogeneous electrodes. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1985, 182, 7-23.	0.3	12
212	Microheterogeneous catalysis in modified electrodes. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1991, 316, 1-22.	0.3	12
213	Dissolution Processes at TTFâ^'TCNQ Single-Crystal Electrodes:â€‰ A Dynamic in Situ Electrochemical Scanning Tunneling Microscopy Study. Journal of Physical Chemistry B, 1997, 101, 8540-8549.	1.2	12
214	In situ characterization of phospholipid coated electrodes. Journal of Materials Chemistry, 2000, 10, 149-156.	6.7	12
215	Waveguide surface plasmon resonance sensor for electrochemically controlled surface reactions. Applied Optics, 2001, 40, 6242.	2.1	12
216	Waveguide surface plasmon resonance studies of surface reactions on gold electrodes. Faraday Discussions, 2002, 121, 139-152.	1.6	12

#	Article	IF	Citations
217	Electrochemical synthesis of macroporous zinc oxide layers by employing hydrogen peroxide as oxygen precursor. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 2365-2370.	0.8	12
218	Solid phase modification of carbon nanotubes with anthraquinone and nitrobenzene functional groups. Electrochemistry Communications, 2013, 34, 258-262.	2.3	12
219	Supercritical Fluid Electrodeposition of Elemental Germanium onto Titanium Nitride Substrates. Journal of the Electrochemical Society, 2015, 162, D619-D624.	1.3	12
220	Strain discrimination of Yersinia pestis using a SERS-based electrochemically driven melting curve analysis of variable number tandem repeat sequences. Chemical Science, 2015, 6, 1846-1852.	3.7	12
221	Phase-Change Memory Properties of Electrodeposited Ge-Sb-Te Thin Film. Nanoscale Research Letters, 2015, 10, 432.	3.1	12
222	Phase-Change Memory by GeSbTe Electrodeposition in Crossbar Arrays. ACS Applied Electronic Materials, 2021, 3, 3610-3618.	2.0	12
223	New thiazine dyes for photogalvanic cells. Faraday Discussions of the Chemical Society, 1980, 70, 341.	2.2	11
224	Reinvestigation of the nickel phosphine catalysed electrochemical synthesis of poly(2,5-pyridine). X-Ray crystal structures of [Ni2Br2(Âµ-5-BrC5H3N-C2,N)2(PPh3)2] and [PtBr(5-BrC5H3N-C2)(PPh3)2]. Journal of Materials Chemistry, 1991, 1, 569-576.	6.7	11
225	Approaches to the Integration of Electrochemistry and Biotechnology II. The Horseradish Peroxidase Catalyzed Oxidation of 2,4,6â€Trimethylphenol by Electrogenerated Hydrogen Peroxide. Journal of the Electrochemical Society, 1999, 146, 1088-1092.	1.3	11
226	The effect of calcium ions on the electrocatalytic oxidation of NADH by poly(aniline)-poly(vinylsulfonate) and poly(aniline)-poly(styrenesulfonate) modified electrodes. Physical Chemistry Chemical Physics, 2003, 5, 588-593.	1.3	11
227	Electrochemical Immunoassays. , 0, , 377-410.		11
228	Study of Carbon Monoxide Oxidation on Mesoporous Platinum. ChemPhysChem, 2010, 11, 2896-2905.	1.0	11
229	Divalent ytterbium complexes with crown and heterocrown ethers. Dalton Transactions, 2015, 44, 2953-2955.	1.6	11
230	Electrodeposition of tin nanowires from a dichloromethane based electrolyte. RSC Advances, 2018, 8, 24013-24020.	1.7	11
231	Identification and properties of bimetallic intermediates in the hydrolysis of titanium chloro carboxylate species. Crystal structure of Ti2(Âµ-O)(Âµ-O2CPh)2Cl4Â·2L (L = EtOAc or tetrahydrofuran). Journal of the Chemical Society Chemical Communications, 1986, , 614-615.	2.0	10
232	Conducting polymer based electrochemical sensors: theoretical analysis of current response under steady state conditions. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1991, 304, 1-6.	0.3	10
233	Theoretical analysis for a second-order ECE process at a rotating-disc electrode. Journal of the Chemical Society, Faraday Transactions, 1993, 89, 213.	1.7	10
234	The deposition of mesoporous Ni/Co alloy using cetyltrimethylammonium bromide as the surfactant in the lyotropic liquid crystalline phase bath. Journal of Electroanalytical Chemistry, 2013, 688, 232-236.	1.9	10

#	Article	IF	Citations
235	Design of Maleimideâ€Functionalised Electrodes for Covalent Attachment of Proteins through Free Surface Cysteine Groups. Chemistry - A European Journal, 2014, 20, 5550-5554.	1.7	10
236	Active gas replenishment and sensing of the wetting state in a submerged superhydrophobic surface. Soft Matter, 2017, 13, 1413-1419.	1.2	10
237	Transport and kinetics at microheterogeneous electrodes. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1982, 139, 57-68.	0.3	9
238	The effect of temperature on electrochemically driven denaturation monitored by SERS. Bioelectrochemistry, 2015, 106, 353-358.	2.4	9
239	Electrodeposition of Protocrystalline Germanium from Supercritical Difluoromethane. ChemElectroChem, 2016, 3, 726-733.	1.7	9
240	Electrodeposition of a Functional Solid State Memory Material: Germanium Antimony Telluride from a Non-Aqueous Plating Bath. Journal of the Electrochemical Society, 2018, 165, D557-D567.	1.3	9
241	Using GISAXS to Detect Correlations between the Locations of Gold Particles Electrodeposited from an Aqueous Solution. Langmuir, 2020, 36, 4432-4438.	1.6	9
242	Electrodeposition of GeSbTe-Based Resistive Switching Memory in Crossbar Arrays. Journal of Physical Chemistry C, 2021, 125, 26247-26255.	1.5	9
243	Electronic properties of metal-poly(pyrrole) junctionsâ€. International Journal of Electronics, 1994, 77, 173-184.	0.9	8
244	A method for the determination of enzyme mass loading on an electrode surface through radioisotope labelling. Biosensors and Bioelectronics, 2002, 17, 965-972.	5.3	8
245	Supercritical fluid electrodeposition, structural and electrical characterisation of tellurium nanowires. RSC Advances, 2017, 7, 40720-40726.	1.7	8
246	Chloroantimonate electrochemistry in dichloromethane. Electrochimica Acta, 2020, 354, 136692.	2.6	8
247	Complete Electrolytic Plastron Recovery in a Low Drag Superhydrophobic Surface. ACS Omega, 2021, 6, 3483-3489.	1.6	8
248	Glucose Biosensors. , 0, , 199-217.		8
249	Applications of Electroactive Polymers in Bioelectrochemistry and Bioelectronics. , 1996, , 233-267.		8
250	Optical coupling between a self-assembled microsphere grating and a rib waveguide. Applied Physics Letters, 2004, 84, 3513-3515.	1.5	7
251	Modification of nanostructured gold surfaces with organic functional groups using electrochemical and solid-phase synthesis methodologies. Journal of Electroanalytical Chemistry, 2012, 670, 42-49.	1.9	7
252	Phase-change memories (PCM) â€“ Experiments and modelling: general discussion. Faraday Discussions, 2019, 213, 393-420.	1.6	7

#	Article	IF	Citations
253	Electrodeposition of bismuth telluride from a weakly coordinating, non-aqueous solution. Journal of Electroanalytical Chemistry, 2019, 839, 134-140.	1.9	7
254	AC-assisted deposition of aggregate free silica films with vertical pore structure. Nanoscale, 2022, 14, 5404-5411.	2.8	7
255	Integrated Sensor Arrays for the Dynamic Measurement of Food Flavour Release. Measurement and Control, 1997, 30, 273-279.	0.9	6
256	Oscillatory thickness dependence of the coercive field in three-dimensional anti-dot arrays from self-assembly. Journal of Applied Physics, 2005, 97, 10J701.	1.1	6
257	Synthesis and structure of [{C7F15CO2}2AgAu(PPh3)]2 and its use in electrodeposition of goldâ€“silver alloys. Inorganica Chimica Acta, 2010, 363, 1048-1051.	1.2	6
258	Toward the Control of the Creation of Mixed Monolayers on Glassy Carbon Surfaces by Amine Oxidation. Chemistry - A European Journal, 2016, 22, 1030-1036.	1.7	6
259	Power Budget Analysis for Waveguide-Enhanced Raman Spectroscopy. Applied Spectroscopy, 2016, 70, 1384-1391.	1.2	6
260	Direct Detection and Discrimination of Nucleotide Polymorphisms Using Anthraquinone Labeled DNA Probes. Frontiers in Chemistry, 2020, 8, 381.	1.8	6
261	Lateral Growth of MoS₂ 2D Material Semiconductors Over an Insulator Via Electrodeposition. Advanced Electronic Materials, 2021, 7, 2100419.	2.6	6
262	LiFePO₄ Battery Material for the Production of Lithium from Brines: Effect of Brine Composition and Benefits of Dilution. ChemSusChem, 2022, 15, .	3.6	6
263	Title is missing!. Journal of Applied Electrochemistry, 1998, 28, 455-459.	1.5	5
264	Sharpâ€Cornered Liquid Drops by Wetting of Nanoscale Features. Small, 2008, 4, 2140-2142.	5.2	5
265	The assembly of micron sized glass spheres on structured surfaces by dewetting. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 327, 71-78.	2.3	5
266	Manipulating Spheres That Sink: Assembly of Micrometer Sized Glass Spheres for Optical Coupling. Langmuir, 2009, 25, 1872-1880.	1.6	5
267	Electrodeposition of Crystalline HgTe from a Non-Aqueous Plating Bath. Journal of the Electrochemical Society, 2018, 165, D802-D807.	1.3	5
268	Electrochemical metallization ReRAMs (ECM) - Experiments and modelling: general discussion. Faraday Discussions, 2019, 213, 115-150.	1.6	5
269	Electrochemical DNA Assays. , 0, , 411-442.		5
270	Application of conducting polymer technology in microsystems. , 1995, 51, 57-57.		5

#	Article	IF	Citations
271	The rotating optical discâ€“ring electrode. Part 1.â€”Collection of a stable photoproduct. Journal of the Chemical Society Faraday Transactions I, 1985, 81, 2647.	1.0	4
272	Self-assembly routes towards creating superconducting and magnetic arrays. Journal of Low Temperature Physics, 2005, 139, 339-349.	0.6	4
273	The voltammetry of decamethylferrocene and coboltacene in supercritical difluoromethane (R32). Journal of Electroanalytical Chemistry, 2016, 780, 282-289.	1.9	4
274	Silicon Planar Microcalorimeter Employing Nanostructured Films. , 2001, , 820-823.		4
275	Selection and characterisation of weakly coordinating solvents for semiconductor electrodeposition. Physical Chemistry Chemical Physics, 2022, 24, 8093-8103.	1.3	4
276	Electropolymerized films for low friction microactuator bearings. Sensors and Actuators A: Physical, 1994, 41, 300-303.	2.0	3
277	The Application of Approximate Analytical Models in the Development of Modified Electrodes for NADH Oxidation. Comprehensive Chemical Kinetics, 1999, 37, 35-89.	2.3	3
278	A reference electrode for use in supercritical difluoromethane. Electrochimica Acta, 2016, 187, 323-328.	2.6	3
279	Tungsten disulfide thin films via electrodeposition from a single source precursor. Chemical Communications, 2021, 57, 10194-10197.	2.2	3
280	Electrodeposited WS₂ monolayers on patterned graphene. 2D Materials, 2022, 9, 015025.	2.0	3
281	SERS using nanostarâ€inâ€cavity structures. Journal of Raman Spectroscopy, 2022, 53, 1871-1879.	1.2	3
282	Microanalysis of polymers using a windowless energy-dispersive X-ray detector. Journal of Polymer Science Part A, 1988, 26, 201-206.	2.5	2
283	How not to defeat terrorism. Nature, 1989, 342, 848-848.	13.7	2
284	Bioenergetics and Biological Electron Transport. , 0, , 1-37.		2
285	Biofuel Cells. , 0, , 359-375.		2
286	The effect of Bi adsorption on CO oxidation inside 1.8 nm Pt pores. Physical Chemistry Chemical Physics, 2011, 13, 17964.	1.3	2
287	Haloplumbate salts as reagents for the non-aqueous electrodeposition of lead. RSC Advances, 2016, 6, 73323-73330.	1.7	2
288	Plastic Reactor Suitable for High Pressure and Supercritical Fluid Electrochemistry. Journal of the Electrochemical Society, 2017, 164, H375-H381.	1.3	2

#	Article	IF	Citations
289	Valence change ReRAMs (VCM) - Experiments and modelling: general discussion. Faraday Discussions, 2019, 213, 259-286.	1.6	2
290	Whole-Cell Biosensors. , 0, , 249-266.		2
291	Diffusion in weakly coordinating solvents. Electrochimica Acta, 2022, 425, 140720.	2.6	2
292	Molecular Self-Assembly on Surfaces of Organic Conducting Salts:Â Epitaxial Monolayer Films of Naphthalene on the (001) Surface of (TMTSF)2PF6. Journal of Physical Chemistry B, 2000, 104, 7394-7402.	1.2	1
293	In Vivo Applications: Glucose Monitoring, Fuel Cells. , 0, , 443-466.		1
294	Application of conducting polymer technology in microsystems. , 1996, , 57-66.		1
295	Closure to â€œDiscussion of â€˜The Transport and Kinetics of Minority Carriers in Illuminated Semiconductor Electrodesâ€™ [W. J. Albery, P. N. Bartlett, A. Hamnett, and M. P. Dareâ€Edwards (pp.) Tj ETQq1 1 0.784314 rgBT /Ov		0
296	Nasal nets catch the scent. Physics World, 1990, 3, 19-20.	0.0	0
297	Simultaneous SPR and electrochemical sensing of an alkane-thiol self-assembled monolayer (SAM): toward an optical biosensor. , 2004, 5502, 271.		0
298	Transport mechanisms at Ni-Si Schottky barriers for spin injection. , 2006, , .		0
299	Tuning localized plasmons in nanostructured metamaterials for surface-enhanced Raman scattering applications. , 2006, , WB5.		0
300	Bioelectrosynthesisâ€“Electrolysis and Electrodialysis. , 0, , 327-358.		0
301	Fabrication of plasmonic Au nano-void trench arrays by guided self-assembly. , 2009, , .		0
302	The Role of Electrochemical Engineering in Our Energy Future. Advances in Electrochemical Science and Engineering, 2015, , 1-6.	0.0	0
303	Preface. Faraday Discussions, 2019, 213, 9-10.	1.6	0
304	Templated self-assembly and nano-plasmonics of nano-void surfaces. , 2008, , .		0
305	Nanovoid Plasmonic-Enhanced Low-Cost Photovoltaics. , 2010, , .		0
306	Enhancing solar cells with localized plasmons in nanovoids. , 2011, , .		0

#	Article	IF	Citations
307	Tunable 3D Plasmonic Swiss Rolls. , 2011, , .		0