

Craig Banks

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2757218/craig-banks-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. 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.

543
papers

28,010
citations

78
h-index

144
g-index

572
ext. papers

31,002
ext. citations

5.3
avg, IF

7.73
L-index

#	Paper	IF	Citations
543	Inherent characteristics of ultra-photosensitive Al/CuTeO ₂ /p-Si metal oxide semiconductor diodes. <i>Journal of Materials Chemistry C</i> , 2022 , 10, 1445-1457	7.1	0
542	Influence of design and material characteristics on 3D printed flow-cells for heat transfer-based analytical devices.. <i>Mikrochimica Acta</i> , 2022 , 189, 73	5.8	1
541	Diamine Oxidase-Conjugated Multiwalled Carbon Nanotubes to Facilitate Electrode Surface Homogeneity.. <i>Sensors</i> , 2022 , 22,	3.8	1
540	Nano-molecularly imprinted polymers for serum creatinine sensing using the heat transfer method. <i>Talanta Open</i> , 2022 , 5, 100087	5.6	1
539	Nanosized nickel hexacyanoferrate modified screen-printed electrodes as flexible supercapacitor platforms: Influence of annealing temperatures and supporting electrolytes. <i>Journal of Energy Storage</i> , 2022 , 46, 103872	7.8	1
538	Electroanalytical point-of-care detection of gold standard and emerging cardiac biomarkers for stratification and monitoring in intensive care medicine: a review.. <i>Mikrochimica Acta</i> , 2022 , 189, 142	5.8	2
537	Molecularly Imprinted Polymer Nanoparticles Enable Rapid, Reliable, and Robust Point-of-Care Thermal Detection of SARS-CoV-2.. <i>ACS Sensors</i> , 2022 ,	9.2	4
536	Reviewing the use of chitosan and polydopamine for electrochemical sensing. <i>Current Opinion in Electrochemistry</i> , 2021 , 32, 100885	7.2	1
535	Electroanalytical overview: The detection of the molecule of murder atropine. <i>Talanta Open</i> , 2021 , 4, 100073	5.6	0
534	Graphene Matrices as Carriers for Metal Ions against Antibiotic Susceptible and Resistant Bacterial Pathogens. <i>Coatings</i> , 2021 , 11, 352	2.9	2
533	Toward the Rapid Diagnosis of Sepsis: Detecting Interleukin-6 in Blood Plasma Using Functionalized Screen-Printed Electrodes with a Thermal Detection Methodology. <i>Analytical Chemistry</i> , 2021 , 93, 5931-5938	7.8	11
532	Polymer electrolyte electrolysis: A review of the activity and stability of non-precious metal hydrogen evolution reaction and oxygen evolution reaction catalysts. <i>Renewable and Sustainable Energy Reviews</i> , 2021 , 139, 110709	16.2	19
531	Application of botryosphaeran as a carbon black adherent on a glassy carbon electrode for the electrochemical determination of cyclobenzaprine. <i>Electrochimica Acta</i> , 2021 , 379, 138176	6.7	0
530	MoO ₂ Nanowire Electrochemically Decorated Graphene Additively Manufactured Supercapacitor Platforms. <i>Advanced Energy Materials</i> , 2021 , 11, 2100433	21.8	7
529	Approaches to the Rational Design of Molecularly Imprinted Polymers Developed for the Selective Extraction or Detection of Antibiotics in Environmental and Food Samples. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2021 , 218, 2100021	1.6	7
528	Label-free aptasensor for p24-HIV protein detection based on graphene quantum dots as an electrochemical signal amplifier. <i>Analytica Chimica Acta</i> , 2021 , 1166, 338548	6.6	9
527	Immobilization of Molecularly Imprinted Polymer Nanoparticles onto Surfaces Using Different Strategies: Evaluating the Influence of the Functionalized Interface on the Performance of a Thermal Assay for the Detection of the Cardiac Biomarker Troponin I. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 27668-27679	9.5	9

526	Future of additive manufacturing: Overview of 4D and 3D printed smart and advanced materials and their applications. <i>Chemical Engineering Journal</i> , 2021 , 403, 126162	14.7	72
525	Recent advances in 2D hexagonal boron nitride (2D-hBN) applied as the basis of electrochemical sensing platforms. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 663-672	4.4	9
524	Rapid antibiotic susceptibility testing using resazurin bulk modified screen-printed electrochemical sensing platforms. <i>Analyst, The</i> , 2021 , 146, 5574-5583	5	3
523	Symmetrical Derivative of Anthrone as a Novel Receptor for Mercury Ions: Enhanced Performance of Modified Screen-Printed Electrode. <i>Journal of Carbon Research</i> , 2021 , 7, 13	3.3	1
522	Disposable non-enzymatic electrochemical glucose sensors based on screen-printed graphite macroelectrodes modified via a facile methodology with Ni, Cu, and Ni/Cu hydroxides are shown to accurately determine glucose in real human serum blood samples. <i>Analytical Methods</i> , 2021 , 13, 2812-2822	3.2	7
521	Facile synthesis of Ni/NiO nanocomposites: the effect of Ni content in NiO upon the oxygen evolution reaction within alkaline media.. <i>RSC Advances</i> , 2021 , 11, 14654-14664	3.7	10
520	Enhancing the efficiency of the hydrogen evolution reaction utilising FeP bulk modified screen-printed electrodes the application of a magnetic field.. <i>RSC Advances</i> , 2021 , 11, 8073-8079	3.7	4
519	Additive manufactured graphene-based electrodes exhibit beneficial performances in <i>Pseudomonas aeruginosa</i> microbial fuel cells. <i>Journal of Power Sources</i> , 2021 , 499, 229938	8.9	4
518	Electroanalytical overview: utilising micro- and nano-dimensional sized materials in electrochemical-based biosensing platforms. <i>Mikrochimica Acta</i> , 2021 , 188, 268	5.8	12
517	Electroanalytical overview: The electroanalytical detection of theophylline. <i>Talanta Open</i> , 2021 , 3, 1000376	3.6	2
516	Electroanalytical Overview: Electrochemical Sensing Platforms for Food and Drink Safety. <i>Biosensors</i> , 2021 , 11,	5.9	9
515	Electropolymerised molecularly imprinted polymers for the heat-transfer based detection of microorganisms: A proof-of-concept study using yeast. <i>Thermal Science and Engineering Progress</i> , 2021 , 24, 100956	3.6	4
514	Screen-printed electrodes: Transitioning the laboratory in-to-the field. <i>Talanta Open</i> , 2021 , 3, 100032	5.6	45
513	The development of carbon dots: From the perspective of materials chemistry. <i>Materials Today</i> , 2021 , 51, 188-188	21.8	30
512	Addressing Stakeholder Concerns Regarding the Effective Use of Bio-Based and Biodegradable Plastics. <i>Resources</i> , 2021 , 10, 95	3.7	0
511	Electrospun Nylon Fibers with Integrated Polypyrrole Molecularly Imprinted Polymers for the Detection of Glucose. <i>Analytical Chemistry</i> , 2021 , 93, 13235-13241	7.8	9
510	The effect of TiO ₂ coatings on the formation of ozone and nitrogen oxides in non-thermal atmospheric pressure plasma. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106046	6.8	2
509	Perspective: What constitutes a quality paper in electroanalysis?. <i>Talanta Open</i> , 2021 , 4, 100065	5.6	2

508	Additive manufacturing for electrochemical labs: An overview and tutorial note on the production of cells, electrodes and accessories. <i>Talanta Open</i> , 2021 , 4, 100051	5.6	12
507	Electroanalytical overview: the pungency of chile and chilli products determined the sensing of capsaicinoids. <i>Analyst, The</i> , 2021 , 146, 2769-2783	5	8
506	Evaluating the Possibility of Translating Technological Advances in Non-Invasive Continuous Lactate Monitoring into Critical Care. <i>Sensors</i> , 2021 , 21,	3.8	1
505	Glassy Carbon Electrode Modified with Layering of Carbon Black/Poly(Allylamine Hydrochloride) Composite for Multianalyte Determination. <i>Electroanalysis</i> , 2021 , 33, 526-536	3	1
504	Electrochemical Improvements Can Be Realized via Shortening the Length of Screen-Printed Electrochemical Platforms. <i>Analytical Chemistry</i> , 2021 ,	7.8	7
503	Electrochemical Decoration of Additively Manufactured Graphene Macroelectrodes with MoO ₂ Nanowires: An Approach to Demonstrate the Surface Morphology. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 15377-15385	3.8	3
502	An Overview of Recent Electroanalytical Applications Utilizing Screen-Printed Electrodes Within Flow Systems. <i>ChemElectroChem</i> , 2020 , 7, 2211-2221	4.3	22
501	2D materials as the basis of supercapacitor devices 2020 , 97-130		0
500	Graphene Oxide Bulk-Modified Screen-Printed Electrodes Provide Beneficial Electroanalytical Sensing Capabilities. <i>Biosensors</i> , 2020 , 10,	5.9	13
499	Versatile additively manufactured (3D printed) wall-jet flow cell for high performance liquid chromatography-amperometric analysis: application to the detection and quantification of new psychoactive substances (NBOMes). <i>Analytical Methods</i> , 2020 , 12, 2152-2165	3.2	7
498	Trace manganese detection via differential pulse cathodic stripping voltammetry using disposable electrodes: additively manufactured nanographite electrochemical sensing platforms. <i>Analyst, The</i> , 2020 , 145, 3424-3430	5	20
497	Thermistors coated with molecularly imprinted nanoparticles for the electrical detection of peptides and proteins. <i>Analyst, The</i> , 2020 , 145, 5419-5424	5	7
496	Three-dimensional (3D) scanning and additive manufacturing (AM) allows the fabrication of customised crutch grips. <i>Materials Today Communications</i> , 2020 , 25, 101225	2.5	3
495	Screen Printed Electrode Based Detection Systems for the Antibiotic Amoxicillin in Aqueous Samples Utilising Molecularly Imprinted Polymers as Synthetic Receptors. <i>Chemosensors</i> , 2020 , 8, 5	4	28
494	A screen-printed electrochemical sensing platform surface modified with nanostructured ytterbium oxide nanoplates facilitating the electroanalytical sensing of the analgesic drugs acetaminophen and tramadol. <i>Mikrochimica Acta</i> , 2020 , 187, 126	5.8	13
493	An innovative electrochemical platform for the sensitive determination of the hepatitis B inhibitor Entecavir with ionic liquid as a mediator. <i>Journal of Molecular Liquids</i> , 2020 , 302, 112498	6	10
492	The influence of lateral flake size in graphene/graphite paste electrodes: an electroanalytical investigation. <i>Analytical Methods</i> , 2020 , 12, 2133-2142	3.2	6
491	Metal ions and graphene-based compounds as alternative treatment options for burn wounds infected by antibiotic-resistant <i>Pseudomonas aeruginosa</i> . <i>Archives of Microbiology</i> , 2020 , 202, 995-1004 ³		5

490	Tailoring the electrochemical properties of 2D-hBN via physical linear defects: physicochemical, computational and electrochemical characterisation. <i>Nanoscale Advances</i> , 2020 , 2, 264-273	5.1	6
489	Single step additive manufacturing (3D printing) of electrocatalytic anodes and cathodes for efficient water splitting. <i>Sustainable Energy and Fuels</i> , 2020 , 4, 302-311	5.8	27
488	Nanomodified Screen-Printed Electrode for direct determination of Aflatoxin B1 in malted barley samples. <i>Sensors and Actuators B: Chemical</i> , 2020 , 307, 127547	8.5	16
487	Electrochemical properties of vertically aligned graphenes: tailoring heterogeneous electron transfer through manipulation of the carbon microstructure. <i>Nanoscale Advances</i> , 2020 , 2, 5319-5328	5.1	6
486	Recent advances in portable heavy metal electrochemical sensing platforms. <i>Environmental Science: Water Research and Technology</i> , 2020 , 6, 2676-2690	4.2	44
485	Polyphenol oxidase-based electrochemical biosensors: A review. <i>Analytica Chimica Acta</i> , 2020 , 1139, 198-221	6.6	19
484	Determination of tadalafil in pharmaceutical samples by vertically oriented multi-walled carbon nanotube electrochemical sensing device. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 877, 114501	4.1	7
483	Voltammetric Behaviour of Drug Molecules as a Predictor of Metabolic Liabilities. <i>Scientia Pharmaceutica</i> , 2020 , 88, 46	4.3	4
482	Molecularly imprinted polymer based electrochemical biosensors: Overcoming the challenges of detecting vital biomarkers and speeding up diagnosis. <i>Talanta Open</i> , 2020 , 2, 100018	5.6	40
481	Functionalized Co3O4 graphitic nanoparticles: A high performance electrocatalyst for the oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 31380-31388	6.7	9
480	Platinum nanoparticle decorated vertically aligned graphene screen-printed electrodes: electrochemical characterisation and exploration towards the hydrogen evolution reaction. <i>Nanoscale</i> , 2020 , 12, 18214-18224	7.7	15
479	COVID-19: additive manufacturing response in the UK. <i>Journal of 3D Printing in Medicine</i> , 2020 , 4, 167-174	5	4
478	A low cost, versatile and chromatographic device for microfluidic amperometric analyses. <i>Sensors and Actuators B: Chemical</i> , 2020 , 304, 127117	8.5	12
477	Additively manufactured graphitic electrochemical sensing platforms. <i>Chemical Engineering Journal</i> , 2020 , 381, 122343	14.7	41
476	Electrochemically Reduced Graphene Oxide as Screen-printed Electrode Modifier for Fenamiphos Determination. <i>Electroanalysis</i> , 2020 , 32, 1689-1695	3	7
475	Molybdenum Disulfide Surfaces to Reduce and Biofilm Formation. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 21057-21069	9.5	5
474	Quick Test for Determination of N-Bombs (Phenethylamine Derivatives, NBOMe) Using High-Performance Liquid Chromatography: A Comparison between Photodiode Array and Amperometric Detection. <i>ACS Omega</i> , 2019 , 4, 14439-14450	3.9	9
473	Exploring the reactivity of distinct electron transfer sites at CVD grown monolayer graphene through the selective electrodeposition of MoO nanowires. <i>Scientific Reports</i> , 2019 , 9, 12814	4.9	10

472	Complete Additively Manufactured (3D-Printed) Electrochemical Sensing Platform. <i>Analytical Chemistry</i> , 2019 , 91, 12844-12851	7.8	85
471	In-vitro Study of Effect of the Design of the Stent on the Arterial Waveforms. <i>Procedia Structural Integrity</i> , 2019 , 15, 33-40	1	1
470	Mass-producible 2D-WS bulk modified screen printed electrodes towards the hydrogen evolution reaction.. <i>RSC Advances</i> , 2019 , 9, 25003-25011	3.7	7
469	Thermal Detection of Cardiac Biomarkers Heart-Fatty Acid Binding Protein and ST2 Using a Molecularly Imprinted Nanoparticle-Based Multiplex Sensor Platform. <i>ACS Sensors</i> , 2019 , 4, 2838-2845	9.2	31
468	Disposable screen-printed electrodes modified with uniform iron oxide nanocubes for the simple electrochemical determination of meclizine, an antihistamine drug. <i>Analytical Methods</i> , 2019 , 11, 282-287	3.2	12
467	The preparation of hydroxyapatite from unrefined calcite residues and its application for lead removal from aqueous solutions.. <i>RSC Advances</i> , 2019 , 9, 4054-4062	3.7	10
466	Analytical determination of heroin, fentanyl and fentalogues using high-performance liquid chromatography with diode array and amperometric detection. <i>Analytical Methods</i> , 2019 , 11, 1053-1063	3.2	19
465	Forensic Electrochemistry: The Electroanalytical Sensing of Mephedrone Metabolites. <i>ACS Omega</i> , 2019 , 4, 1947-1954	3.9	19
464	Effects of surfactant on morphology, chemical properties and catalytic activity of hydroxyapatite. <i>Journal of Solid State Chemistry</i> , 2019 , 276, 345-351	3.3	9
463	MoS ₂ -graphene-CuNi ₂ S ₄ nanocomposite an efficient electrocatalyst for the hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 16069-16078	6.7	13
462	Next-Generation Additive Manufacturing: Tailorable Graphene/Polylactic(acid) Filaments Allow the Fabrication of 3D Printable Porous Anodes for Utilisation within Lithium-ion Batteries. <i>Batteries and Supercaps</i> , 2019 , 2, 399-400	5.6	
461	Recent Advances in Electrosynthesized Molecularly Imprinted Polymer Sensing Platforms for Bioanalyte Detection. <i>Sensors</i> , 2019 , 19,	3.8	98
460	Pseudo Cavity of Schiff Base Ionophore Incorporated in Screen Printed Electrode for Sensing of Zn (II). <i>Journal of the Electrochemical Society</i> , 2019 , 166, B464-B471	3.9	4
459	Next-Generation Additive Manufacturing: Tailorable Graphene/Polylactic(acid) Filaments Allow the Fabrication of 3D Printable Porous Anodes for Utilisation within Lithium-Ion Batteries. <i>Batteries and Supercaps</i> , 2019 , 2, 448-453	5.6	31
458	Nonenzymatic sensor for determination of glucose in blood plasma based on nickel oxyhydroxide in a microfluidic system of cotton thread. <i>Journal of Electroanalytical Chemistry</i> , 2019 , 840, 153-159	4.1	9
457	Nanodiamond based surface modified screen-printed electrodes for the simultaneous voltammetric determination of dopamine and uric acid. <i>Mikrochimica Acta</i> , 2019 , 186, 200	5.8	30
456	Graphene Quantum Dots Modified Screen-printed Electrodes as Electroanalytical Sensing Platform for Diethylstilbestrol. <i>Electroanalysis</i> , 2019 , 31, 838-843	3	18
455	Next-Generation Additive Manufacturing of Complete Standalone Sodium-Ion Energy Storage Architectures. <i>Advanced Energy Materials</i> , 2019 , 9, 1803019	21.8	26

454	Electrochemical determination of antihypertensive drugs by employing costless and portable unmodified screen-printed electrodes. <i>Talanta</i> , 2019 , 198, 447-456	6.2	16
453	Single and combined antimicrobial efficacies for nine metal ion solutions against <i>Klebsiella pneumoniae</i> , <i>Acinetobacter baumannii</i> and <i>Enterococcus faecium</i> . <i>International Biodeterioration and Biodegradation</i> , 2019 , 141, 39-43	4.8	9
452	addition of graphitic carbon into a NiCoO/CoO composite: enhanced catalysis toward the oxygen evolution reaction.. <i>RSC Advances</i> , 2019 , 9, 24995-25002	3.7	12
451	Heat-Transfer Method: A Thermal Analysis Technique for the Real-Time Monitoring of Growth in Buffered Solutions and Digestate Samples.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 3790-3798	4.1	7
450	Investigating the Integrity of Graphene towards the Electrochemical Oxygen Evolution Reaction. <i>ChemElectroChem</i> , 2019 , 6, 5446-5453	4.3	7
449	Investigating the Integrity of Graphene towards the Electrochemical Hydrogen Evolution Reaction (HER). <i>Scientific Reports</i> , 2019 , 9, 15961	4.9	21
448	Metabolism Mimicry: An Electrosynthetic Method for the Selective Deethylation of Tertiary Benzamides. <i>ChemElectroChem</i> , 2019 , 6, 4284-4291	4.3	12
447	NiBe (Oxy)hydroxide Modified Graphene Additive Manufactured (3D-Printed) Electrochemical Platforms as an Efficient Electrocatalyst for the Oxygen Evolution Reaction. <i>ChemElectroChem</i> , 2019 , 6, 5633-5641	4.3	17
446	Novel electrochemical synthesis of cellulose microfiber entrapped reduced graphene oxide: A sensitive electrochemical assay for detection of fenitrothion organophosphorus pesticide. <i>Talanta</i> , 2019 , 192, 471-477	6.2	32
445	Facile synthesis of cellulose microfibers supported palladium nanospindles on graphene oxide for selective detection of dopamine in pharmaceutical and biological samples. <i>Materials Science and Engineering C</i> , 2019 , 98, 256-265	8.3	19
444	A simple and fast-portable method for the screening of the appetite-suppressant drug sibutramine in natural products and multivitamins supplements. <i>Sensors and Actuators B: Chemical</i> , 2019 , 282, 449-456	8.5	17
443	Microbial fuel cells: An overview of current technology. <i>Renewable and Sustainable Energy Reviews</i> , 2019 , 101, 60-81	16.2	317
442	Evaluating the temperature dependence of heat-transfer based detection: A case study with caffeine and Molecularly Imprinted Polymers as synthetic receptors. <i>Chemical Engineering Journal</i> , 2019 , 359, 505-517	14.7	25
441	Effectiveness of titanium nitride silver coatings against <i>Staphylococcus</i> spp. in the presence of BSA and whole blood conditioning agents. <i>International Biodeterioration and Biodegradation</i> , 2019 , 141, 44-51	4.8	2
440	The effects of blood conditioning films on the antimicrobial and retention properties of zirconium-nitride silver surfaces. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 173, 303-311	6	10
439	Enhanced reversible redox activity of hemin on cellulose microfiber integrated reduced graphene oxide for HO biosensor applications. <i>Carbohydrate Polymers</i> , 2019 , 204, 152-160	10.3	26
438	Investigating structure-property relationships of biomineralized calcium phosphate compounds as fluorescent quenching-recovery platform. <i>Royal Society Open Science</i> , 2018 , 5, 170877	3.3	2
437	Development of a Flexible MIP-Based Biosensor Platform for the Thermal Detection of Neurotransmitters. <i>MRS Advances</i> , 2018 , 3, 1569-1574	0.7	5

436	Fast Determination of Antioxidant Capacity of Food Samples Using Continuous Amperometric Detection on Polyester Screen-printed Graphitic Electrodes. <i>Electroanalysis</i> , 2018 , 30, 1192-1197	3	6
435	Engineering molecularly imprinted polymers (MIPs) for the selective extraction and quantification of the novel psychoactive substance (NPS) methoxphenidine and its regioisomers. <i>Analyst, The</i> , 2018 , 143, 2002-2007	5	17
434	Non-enzymatic electrochemical platform for parathion pesticide sensing based on nanometer-sized nickel oxide modified screen-printed electrodes. <i>Food Chemistry</i> , 2018 , 255, 104-111	8.5	93
433	Binding MoSe ₂ with carbon constrained in carbonous nanosphere towards high-capacity and ultrafast Li/Na-ion storage. <i>Energy Storage Materials</i> , 2018 , 12, 310-323	19.4	144
432	Freestanding Three-Dimensional Graphene Macroporous Supercapacitor. <i>ACS Applied Energy Materials</i> , 2018 , 1, 891-899	6.1	29
431	Antimicrobial activity of Ti-ZrN/Ag coatings for use in biomaterial applications. <i>Scientific Reports</i> , 2018 , 8, 1497	4.9	9
430	Fabrication of Graphene Oxide Supercapacitor Devices. <i>ACS Applied Energy Materials</i> , 2018 , 1, 707-714	6.1	83
429	Highly sensitive and selective determination of dopamine using screen-printed electrodes modified with nanocomposite of N ² -phenyl-p-phenylenediamine/multiwalled carbon nanotubes/nafion. <i>Materials Research Bulletin</i> , 2018 , 101, 253-263	5.1	12
428	One-pot synthesis of Mn ₃ O ₄ /graphitic carbon nanoparticles for simultaneous nanomolar detection of Pb(II), Cd(II) and Hg(II). <i>Journal of Materials Science</i> , 2018 , 53, 4961-4973	4.3	16
427	Antimonene: A Novel 2D Nanomaterial for Supercapacitor Applications. <i>Advanced Energy Materials</i> , 2018 , 8, 1702606	21.8	109
426	Large-scale production of CdO/Cd(OH) nanocomposites for non-enzyme sensing and supercapacitor applications.. <i>RSC Advances</i> , 2018 , 8, 921-930	3.7	20
425	Carbon Nanodots as Electrocatalysts towards the Oxygen Reduction Reaction. <i>Electroanalysis</i> , 2018 , 30, 436-444	3	21
424	Influence of the metal/metal oxide redox cycle on the catalytic activity of methane oxidation over Pd and Ni doped hydroxyapatite. <i>Catalysis Communications</i> , 2018 , 107, 82-86	3.2	4
423	3D spongy graphene-modified screen-printed sensors for the voltammetric determination of the narcotic drug codeine. <i>Biosensors and Bioelectronics</i> , 2018 , 101, 90-95	11.8	42
422	Voltammetric determination of meclizine antihistamine drug utilizing graphite screen-printed electrodes in physiological medium. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 824, 39-44	4.1	11
421	Exploring the electrochemical performance of graphite and graphene paste electrodes composed of varying lateral flake sizes. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 20010-20022	3.6	20
420	Determination of the Electrochemical Area of Screen-Printed Electrochemical Sensing Platforms. <i>Biosensors</i> , 2018 , 8,	5.9	146
419	Advanced Hierarchical Vesicular Carbon Co-Doped with S, P, N for High-Rate Sodium Storage. <i>Advanced Science</i> , 2018 , 5, 1800241	13.6	177

418	Mechanical, pH and Thermal Stability of Mesoporous Hydroxyapatite. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018 , 28, 84-91	3.2	19
417	A voltammetric method for Fe(III) in blood serum using a screen-printed electrode modified with a Schiff base ionophore. <i>Analyst, The</i> , 2018 , 143, 2851-2861	5	11
416	Understanding Voltammetry 2018 ,		65
415	Use of Screen-printed Electrodes Modified by Prussian Blue and Analogues in Sensing of Cysteine. <i>Electroanalysis</i> , 2018 , 30, 170-179	3	27
414	An overview of recent applications of reduced graphene oxide as a basis of electroanalytical sensing platforms. <i>Applied Materials Today</i> , 2018 , 10, 218-226	6.6	170
413	Simultaneous determination of codeine and its co-formulated drugs acetaminophen and caffeine by utilising cerium oxide nanoparticles modified screen-printed electrodes. <i>Sensors and Actuators B: Chemical</i> , 2018 , 259, 142-154	8.5	39
412	3D-printed Microfluidic Device Based on Cotton Threads for Amperometric Estimation of Antioxidants in Wine Samples. <i>Electroanalysis</i> , 2018 , 30, 101-108	3	22
411	Combination of electrochemical biosensor and textile threads: A microfluidic device for phenol determination in tap water. <i>Biosensors and Bioelectronics</i> , 2018 , 99, 382-388	11.8	61
410	Electrochemical Portable Method for on site Screening of Scopolamine in Beverage and Urine Samples. <i>Electroanalysis</i> , 2018 , 31, 567	3	9
409	Molecular-Level CuS@S Hybrid Nanosheets Constructed by Mineral Chemistry for Energy Storage Systems. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 43669-43681	9.5	27
408	Batch-injection Amperometric Analysis on Screen-printed Electrodes: Analytical System for High-throughput Determination of Pharmaceutical Molecules. <i>Electroanalysis</i> , 2018 , 31, 518	3	3
407	A reduced graphene oxide-cyclodextrin-platinum nanocomposite modified screen printed electrode for the detection of cysteine. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 829, 230-240	4.1	25
406	A facile electrochemical intercalation and microwave assisted exfoliation methodology applied to screen-printed electrochemical-based sensing platforms to impart improved electroanalytical outputs. <i>Analyst, The</i> , 2018 , 143, 3360-3365	5	6
405	Graphene-Based Electrochemical Sensors. <i>Springer Series on Chemical Sensors and Biosensors</i> , 2018 , 141-164		1
404	Novel electrochemical synthesis of copper oxide nanoparticles decorated graphene-cyclodextrin composite for trace-level detection of antibiotic drug metronidazole. <i>Journal of Colloid and Interface Science</i> , 2018 , 530, 37-45	9.3	25
403	Magnetron Sputter-Coated Nanoparticle MoS ₂ Supported on Nanocarbon: A Highly Efficient Electrocatalyst toward the Hydrogen Evolution Reaction. <i>ACS Omega</i> , 2018 , 3, 7235-7242	3.9	17
402	Highly sensitive amperometric sensing of nitrite utilizing bulk-modified MnO ₂ decorated Graphene oxide nanocomposite screen-printed electrodes. <i>Electrochimica Acta</i> , 2017 , 227, 255-266	6.7	58
401	Simultaneous Voltammetric Determination of Acetaminophen and Isoniazid (Hepatotoxicity-Related Drugs) Utilizing Bismuth Oxide Nanorod Modified Screen-Printed Electrochemical Sensing Platforms. <i>Analytical Chemistry</i> , 2017 , 89, 2170-2178	7.8	92

400	Novel synthesis of mesoporous hydroxyapatite using carbon nanorods as a hard-template. <i>Ceramics International</i> , 2017 , 43, 5412-5416	5.1	23
399	Surfactant-exfoliated 2D hexagonal boron nitride (2D-hBN): role of surfactant upon the electrochemical reduction of oxygen and capacitance applications. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 4103-4113	13	43
398	Mass-producible 2D-MoSe ₂ bulk modified screen-printed electrodes provide significant electrocatalytic performances towards the hydrogen evolution reaction. <i>Sustainable Energy and Fuels</i> , 2017 , 1, 74-83	5.8	34
397	Graphene and Graphene Oxide for Energy Storage 2017 , 725-744		3
396	3D Printed Graphene Based Energy Storage Devices. <i>Scientific Reports</i> , 2017 , 7, 42233	4.9	248
395	Surfactant exfoliated 2D hexagonal Boron Nitride (2D-hBN) explored as a potential electrochemical sensor for dopamine: surfactants significantly influence sensor capabilities. <i>Analyst, The</i> , 2017 , 142, 1756-1764 ²²	5.1	22
394	Label-Free Detection of Small Organic Molecules by Molecularly Imprinted Polymer Functionalized Thermocouples: Toward In Vivo Applications. <i>ACS Sensors</i> , 2017 , 2, 583-589	9.2	23
393	Reprint of: L-Cysteine determination in embryo cell culture media using Co (II)-phthalocyanine modified disposable screen-printed electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2017 , 793, 77-84	4.1	4
392	Disposable screen printed electrode modified with imine receptor having a wedge bridge for selective detection of Fe (II) in aqueous medium. <i>Sensors and Actuators B: Chemical</i> , 2017 , 249, 467-477	8.5	9
391	Simultaneous voltammetric determination of antihypertensive drugs nifedipine and atenolol utilizing MgO nanoplatelet modified screen-printed electrodes in pharmaceuticals and human fluids. <i>Sensors and Actuators B: Chemical</i> , 2017 , 252, 1045-1054	8.5	48
390	Portable electrochemical system using screen-printed electrodes for monitoring corrosion inhibitors. <i>Talanta</i> , 2017 , 174, 420-427	6.2	12
389	Oxygen Vacancies Evoked Blue TiO ₂ (B) Nanobelts with Efficiency Enhancement in Sodium Storage Behaviors. <i>Advanced Functional Materials</i> , 2017 , 27, 1700856	15.6	165
388	Mass-Produced 2D-MoS ₂ -Impregnated Screen-Printed Electrodes That Demonstrate Efficient Electrocatalysis toward the Oxygen Reduction Reaction. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 22539-22548	9.5	35
387	New electrochemical approach for the measurement of oxidative DNA damage: Voltammetric determination of 8-oxoguanine at screen-printed graphite electrodes. <i>Sensors and Actuators B: Chemical</i> , 2017 , 247, 896-902	8.5	6
386	Highly Selective Sensing Platform Utilizing Graphene Oxide and Multiwalled Carbon Nanotubes for the Sensitive Determination of Tramadol in the Presence of Co-Formulated Drugs. <i>Electroanalysis</i> , 2017 , 29, 1038-1048	3	36
385	Ball mill and microwave assisted synthetic routes to Fluoxetine. <i>Sustainable Chemistry and Pharmacy</i> , 2017 , 5, 14-21	3.9	7
384	Calixarene bulk modified screen-printed electrodes (SPCCEs) as a one-shot disposable sensor for the simultaneous detection of lead(II), copper(II) and mercury(II) ions: Application to environmental samples. <i>Sensors and Actuators A: Physical</i> , 2017 , 267, 517-525	3.9	37
383	Electrochemical Determination of the Serotonin Reuptake Inhibitor, Dapoxetine, Using Cesium-Gold Nanoparticles. <i>ACS Omega</i> , 2017 , 2, 6628-6635	3.9	17

382	Thermal decomposition kinetics of the antiparkinson drug Entacapone under isothermal and non-isothermal conditions. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017 , 130, 2359-2367	4.1	10
381	Electroanalytical Applications of Graphene 2017 , 119-137		
380	Antibody-modified hydroxyapatite surfaces for the efficient capture of bladder cancer cells in a patient's urine without recourse to any sample pre-treatment. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 8125-8132	7.3	7
379	Incorporation of Tetrazolium Blue (TB)/Gold Nanoparticles (GNPs) into Carbon Paste Electrode: Application as an Electrochemical Sensor for the Sensitive and Selective Determination of Sotalol in Micellar Medium. <i>Electroanalysis</i> , 2017 , 29, 2551-2558	3	11
378	Electrochemical sensing of estradiol benzoate using hydroxyapatite with three-dimensional channel frameworks. <i>Analytical Methods</i> , 2017 , 9, 5868-5872	3.2	
377	Methane emission management in a dual-fuel engine exhaust using Pd and Ni hydroxyapatite catalysts. <i>Fuel</i> , 2017 , 208, 314-320	7.1	16
376	Surfactant-exfoliated 2D molybdenum disulphide (2D-MoS ₂): the role of surfactant upon the hydrogen evolution reaction. <i>RSC Advances</i> , 2017 , 7, 36208-36213	3.7	16
375	Antimicrobial Efficacy and Synergy of Metal Ions against <i>Enterococcus faecium</i> , <i>Klebsiella pneumoniae</i> and <i>Acinetobacter baumannii</i> in Planktonic and Biofilm Phenotypes. <i>Scientific Reports</i> , 2017 , 7, 5911	4.9	71
374	Titanium nanoparticles (TiO ₂)/graphene oxide nanosheets (GO): an electrochemical sensing platform for the sensitive and simultaneous determination of benzocaine in the presence of antipyrine. <i>Analyst</i> , 2017 , 142, 3674-3679	5	35
373	Nitrogen doped nanoporous graphene: an efficient metal-free electrocatalyst for the oxygen reduction reaction. <i>RSC Advances</i> , 2017 , 7, 55555-55566	3.7	12
372	Amino-thiacalix[4]arene modified screen-printed electrodes as a novel electrochemical interface for Hg(II) quantification at a pico-molar level. <i>Analytical Methods</i> , 2017 , 9, 6747-6753	3.2	10
371	Graphene oxide electrochemistry: the electrochemistry of graphene oxide modified electrodes reveals coverage dependent beneficial electrocatalysis. <i>Royal Society Open Science</i> , 2017 , 4, 171128	3.3	47
370	Can Ultrasound or pH Influence Pd Distribution on the Surface of HAP to Improve Its Catalytic Properties in the Dry Reforming of Methane?. <i>Catalysis Letters</i> , 2017 , 147, 2200-2208	2.8	6
369	Acid-free co-operative self-assembly of graphene-ZnO nanocomposites and its defect mediated visible light photocatalytic activities. <i>Physica B: Condensed Matter</i> , 2017 , 506, 32-41	2.8	4
368	Electroanalytical thread-device for estradiol determination using screen-printed carbon electrodes modified with carbon nanotubes. <i>Sensors and Actuators B: Chemical</i> , 2017 , 241, 978-984	8.5	55
367	Schiff base modified screen printed electrode for selective determination of aluminium(III) at trace level. <i>Sensors and Actuators B: Chemical</i> , 2017 , 239, 17-27	8.5	40
366	Sensitive determination of amlodipine besylate using bare/unmodified and DNA-modified screen-printed electrodes in tablets and biological fluids. <i>Sensors and Actuators B: Chemical</i> , 2017 , 239, 768-775	8.5	34
365	Evaluating the potential of thermal read-out techniques combined with molecularly imprinted polymers for the sensing of low-weight organic molecules. <i>Journal of Molecular Recognition</i> , 2017 , 30, e2563	2.6	5

364	2D Hexagonal Boron Nitride (2D-hBN) Explored as a Potential Electrocatalyst for the Oxygen Reduction Reaction. <i>Electroanalysis</i> , 2017 , 29, 622-634	3	38
363	Novel MWCNTs/graphene oxide/pyrogallol composite with enhanced sensitivity for biosensing applications. <i>Biosensors and Bioelectronics</i> , 2017 , 89, 1034-1041	11.8	54
362	Screen-Printed Graphite Electrodes as Low-Cost Devices for Oxygen Gas Detection in Room-Temperature Ionic Liquids. <i>Sensors</i> , 2017 , 17,	3.8	12
361	Graphene Encapsulated Silicon Carbide Nanocomposites for High and Low Power Energy Storage Applications. <i>Journal of Carbon Research</i> , 2017 , 3, 20	3.3	3
360	Recent Advances in Bloodstain Pattern Analysis 2016 , 263-281		1
359	An Introduction to Forensic Electrochemistry 2016 , 89-102		5
358	Graphene-Rich Wrapped Petal-Like Rutile TiO ₂ tuned by Carbon Dots for High-Performance Sodium Storage. <i>Advanced Materials</i> , 2016 , 28, 9391-9399	24	226
357	Pencil drawn paper based supercapacitors. <i>RSC Advances</i> , 2016 , 6, 81130-81141	3.7	38
356	Transition Metal Oxides as Supercapacitor Materials. <i>Nanostructure Science and Technology</i> , 2016 , 317-349	4.9	9
355	Guilty by dissociation-development of gas chromatography-mass spectrometry (GC-MS) and other rapid screening methods for the analysis of 13 diphenidine-derived new psychoactive substances (NPSs). <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 8467-8481	4.4	22
354	Organic-resistant screen-printed graphitic electrodes: Application to on-site monitoring of liquid fuels. <i>Analytica Chimica Acta</i> , 2016 , 934, 1-8	6.6	22
353	Pencil it in: pencil drawn electrochemical sensing platforms. <i>Analyst, The</i> , 2016 , 141, 4055-64	5	38
352	Exploring the applicability of equine blood to bloodstain pattern analysis. <i>Medicine, Science and the Law</i> , 2016 , 56, 190-9	1.1	10
351	Self-assembly of porous copper oxide hierarchical nanostructures for selective determinations of glucose and ascorbic acid. <i>RSC Advances</i> , 2016 , 6, 14474-14482	3.7	51
350	High temperature low vacuum synthesis of a freestanding three-dimensional graphene nano-ribbon foam electrode. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 2617-2629	13	17
349	Utilising copper screen-printed electrodes (CuSPE) for the electroanalytical sensing of sulfide. <i>Analyst, The</i> , 2016 , 141, 1233-8	5	10
348	Forensic electrochemistry: simultaneous voltammetric detection of MDMA and its fatal counterpart Dr Death (PMA). <i>Analytical Methods</i> , 2016 , 8, 142-152	3.2	37
347	Boron-doped diamond electrodes explored for the electroanalytical detection of 7-methylguanine and applied for its sensing within urine samples. <i>Electrochimica Acta</i> , 2016 , 197, 167-178	6.7	19

346	Can solvent induced surface modifications applied to screen-printed platforms enhance their electroanalytical performance?. <i>Analyst, The</i> , 2016 , 141, 2783-90	5	19
345	Can the mechanical activation (polishing) of screen-printed electrodes enhance their electroanalytical response?. <i>Analyst, The</i> , 2016 , 141, 2791-9	5	52
344	Electrochemical lactate biosensor based upon chitosan/carbon nanotubes modified screen-printed graphite electrodes for the determination of lactate in embryonic cell cultures. <i>Biosensors and Bioelectronics</i> , 2016 , 77, 1168-74	11.8	113
343	Direct electrochemistry of hemoglobin and biosensing for hydrogen peroxide using a film containing silver nanoparticles and poly(amidoamine) dendrimer. <i>Materials Science and Engineering C</i> , 2016 , 58, 97-102	8.3	48
342	Screen-Printing Electrochemical Architectures. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2016 ,	0.4	6
341	Fundamentals of Screen-Printing Electrochemical Architectures. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2016 , 13-23	0.4	6
340	Quality Control/Quality Assurance Analysis of Electrochemical Screen-Printed Sensors. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2016 , 35-56	0.4	
339	Introduction and Current Applications of Screen-Printed Electrochemical Architectures. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2016 , 1-12	0.4	0
338	Pencil It in: Exploring the Feasibility of Hand-Drawn Pencil Electrochemical Sensors and Their Direct Comparison to Screen-Printed Electrodes. <i>Biosensors</i> , 2016 , 6,	5.9	30
337	The Mediatorless Electroanalytical Sensing of Sulfide Utilizing Unmodified Graphitic Electrode Materials. <i>Journal of Carbon Research</i> , 2016 , 2, 14	3.3	7
336	High Yield Synthesis of Hydroxyapatite (HAP) and Palladium Doped HAP via a Wet Chemical Synthetic Route. <i>Catalysts</i> , 2016 , 6, 119	4	9
335	Introducing Thermal Wave Transport Analysis (TWTA): A Thermal Technique for Dopamine Detection by Screen-Printed Electrodes Functionalized with Molecularly Imprinted Polymer (MIP) Particles. <i>Molecules</i> , 2016 , 21,	4.8	25
334	2D molybdenum disulphide (2D-MoS ₂) modified electrodes explored towards the oxygen reduction reaction. <i>Nanoscale</i> , 2016 , 8, 14767-77	7.7	70
333	A Facile and Cost-effective Electroanalytical Strategy for the Quantification of Deoxyguanosine and Deoxyadenosine in Oligonucleotides Using Screen-printed Graphite Electrodes. <i>Electroanalysis</i> , 2016 , 28, 3066-3074	3	3
332	Incorporating Graphene into Fuel Cell Design. <i>Nanoscience and Technology</i> , 2016 , 293-312	0.6	
331	Electroanalytical sensing of the antimicrobial drug linezolid utilising an electrochemical sensing platform based upon a multiwalled carbon nanotubes/bromocresol green modified carbon paste electrode. <i>Analytical Methods</i> , 2016 , 8, 4345-4353	3.2	28
330	L-Cysteine determination in embryo cell culture media using Co (II)-phthalocyanine modified disposable screen-printed electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2016 , 780, 303-310	4.1	23
329	2D Hexagonal Boron Nitride (2D-hBN) Explored for the Electrochemical Sensing of Dopamine. <i>Analytical Chemistry</i> , 2016 , 88, 9729-9737	7.8	115

328	Defining the origins of electron transfer at screen-printed graphene-like and graphite electrodes: MoO ₂ nanowire fabrication on edge plane sites reveals electrochemical insights. <i>Nanoscale</i> , 2016 , 8, 15241-51	7.7	22
327	Regal electrochemistry: sensing of the synthetic cathinone class of new psychoactive substances (NPSs). <i>Analytical Methods</i> , 2015 , 7, 6470-6474	3.2	24
326	Detection and quantification of new psychoactive substances (NPSs) within the evolved "legal high" product, NRG-2, using high performance liquid chromatography-amperometric detection (HPLC-AD). <i>Analyst, The</i> , 2015 , 140, 6283-94	5	17
325	Forensic electrochemistry: indirect electrochemical sensing of the components of the new psychoactive substance "Synthacaine". <i>Analyst, The</i> , 2015 , 140, 5536-45	5	23
324	Screen-printed back-to-back electroanalytical sensors: heavy metal ion sensing. <i>Analyst, The</i> , 2015 , 140, 4130-6	5	42
323	In situ electrochemical characterisation of graphene and various carbon-based electrode materials: an internal standard approach. <i>RSC Advances</i> , 2015 , 5, 37281-37286	3.7	55
322	Indirect electroanalytical detection of phenols. <i>Analyst, The</i> , 2015 , 140, 3244-50	5	14
321	Rapid and portable electrochemical quantification of phosphorus. <i>Analytical Chemistry</i> , 2015 , 87, 4269-74.8	4.8	38
320	Multi-dimensional hydroxyapatite (HAp) nanocluster architectures fabricated via Nafion-assisted biomineralization. <i>New Journal of Chemistry</i> , 2015 , 39, 750-754	3.6	5
319	Alternating Voltage Introduced NiCo Double Hydroxide Layered Nanoflakes for an Asymmetric Supercapacitor. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 22741-4	9.5	99
318	Metallic modified (bismuth, antimony, tin and combinations thereof) film carbon electrodes. <i>Analyst, The</i> , 2015 , 140, 7598-612	5	43
317	2D nanosheet molybdenum disulphide (MoS ₂) modified electrodes explored towards the hydrogen evolution reaction. <i>Nanoscale</i> , 2015 , 7, 18152-68	7.7	93
316	The latest developments in the analytical sensing of methane. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 73, 146-157	14.6	22
315	Regal electrochemistry: British 5 pence coins provide useful metallic macroelectrode substrates. <i>Analyst, The</i> , 2015 , 140, 6477-80	5	1
314	An experimentalist's guide to electrosynthesis: the Shono oxidation. <i>Tetrahedron Letters</i> , 2015 , 56, 6863-6867	21	
313	Imparting improvements in electrochemical sensors: evaluation of different carbon blacks that give rise to significant improvement in the performance of electroanalytical sensing platforms. <i>Electrochimica Acta</i> , 2015 , 157, 125-133	6.7	94
312	Mechanistic investigation of ion migration in Na ₃ V ₂ (PO ₄) ₂ F ₃ hybrid-ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 159-65	3.6	45
311	The latest developments in quantifying cyanide and hydrogen cyanide. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 64, 75-85	14.6	70

310	Sodium-Ion Batteries: Carbon Quantum Dots and Their Derivative 3D Porous Carbon Frameworks for Sodium-Ion Batteries with Ultralong Cycle Life (Adv. Mater. 47/2015). <i>Advanced Materials</i> , 2015 , 27, 7895-7895	24	8
309	Back-to-Back Screen-Printed Electroanalytical Sensors: Extending the Potential Applications of the Simplistic Design. <i>Electroanalysis</i> , 2015 , 27, 2295-2301	3	19
308	Voltammetric Behaviour of 7-Methylguanine Using Screen-printed Graphite Electrodes: towards a Guanine Methylation Electrochemical Sensor. <i>Electroanalysis</i> , 2015 , 27, 2766-2772	3	14
307	Carbon Quantum Dots and Their Derivative 3D Porous Carbon Frameworks for Sodium-Ion Batteries with Ultralong Cycle Life. <i>Advanced Materials</i> , 2015 , 27, 7861-6	24	892
306	Electrode substrate innovation for electrochemical detection in microchip electrophoresis. <i>Electrophoresis</i> , 2015 , 36, 1845-53	3.6	16
305	Design of screen-printed bulk modified electrodes using anthraquinone γ -lysine functionalized gold nanoparticles and their application to the detection of dissolved oxygen. <i>Analytical Methods</i> , 2015 , 7, 2020-2027	3.2	11
304	Exploring the electrical wiring of screen-printed configurations utilised in electroanalysis. <i>Analytical Methods</i> , 2015 , 7, 1208-1214	3.2	37
303	Facile and controllable synthesis of hydroxyapatite/graphene hybrid materials with enhanced sensing performance towards ammonia. <i>Analyst, The</i> , 2015 , 140, 5235-42	5	38
302	An overview of recent developments in the analytical detection of new psychoactive substances (NPSs). <i>Analyst, The</i> , 2015 , 140, 4932-48	5	101
301	Exploring the effect of specific packed cell volume upon bloodstain pattern analysis: blood drying and dry volume estimation. <i>Journal of the Canadian Society of Forensic Science</i> , 2015 , 48, 167-189	0.5	5
300	Graphite Screen-Printed Electrodes Applied for the Accurate and Reagentless Sensing of pH. <i>Analytical Chemistry</i> , 2015 , 87, 11666-72	7.8	34
299	Carbon dots supported upon N-doped TiO ₂ nanorods applied into sodium and lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 5648-5655	13	197
298	Electroanalytical detection of pindolol: comparison of unmodified and reduced graphene oxide modified screen-printed graphite electrodes. <i>Analyst, The</i> , 2015 , 140, 1543-50	5	33
297	Quantification of corrosion inhibitors used in the water industry for steam condensate treatment: the indirect electroanalytical sensing of morpholine and cyclohexylamine. <i>Environmental Science: Water Research and Technology</i> , 2015 , 1, 40-46	4.2	5
296	A new approach for the improved interpretation of capacitance measurements for materials utilised in energy storage. <i>RSC Advances</i> , 2015 , 5, 12782-12791	3.7	64
295	Twittering About Research: A Case Study of the World's First Twitter Poster Competition. <i>F1000Research</i> , 2015 , 4, 798	3.6	9
294	A fluorescence-quenching platform based on biomineralized hydroxyapatite from natural seashell and applied to cancer cell detection. <i>Scientific Reports</i> , 2014 , 4, 7556	4.9	4
293	Forensic electrochemistry: the electroanalytical sensing of synthetic cathinone-derivatives and their accompanying adulterants in "legal high" products. <i>Analyst, The</i> , 2014 , 139, 389-400	5	61

292	The fabrication, characterisation and electrochemical investigation of screen-printed graphene electrodes. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 4598-611	3.6	118
291	Exploration of ion migration mechanism and diffusion capability for Na ₃ V ₂ (PO ₄) ₂ F ₃ cathode utilized in rechargeable sodium-ion batteries. <i>Journal of Power Sources</i> , 2014 , 256, 258-263	8.9	126
290	Electrochemical properties of CVD grown pristine graphene: monolayer- vs. quasi-graphene. <i>Nanoscale</i> , 2014 , 6, 1607-21	7.7	157
289	Na ₂ FePO ₄ F cathode utilized in hybrid-ion batteries: a mechanistic exploration of ion migration and diffusion capability. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 2571	13	91
288	Detection of theophylline utilising portable electrochemical sensors. <i>Analyst, The</i> , 2014 , 139, 2000-3	5	25
287	Multifunctional dual Na ₃ V ₂ (PO ₄) ₂ F ₃ cathode for both lithium-ion and sodium-ion batteries. <i>RSC Advances</i> , 2014 , 4, 11375-11383	3.7	73
286	An anthraquinone moiety/cysteamine functionalized-gold nanoparticle/chitosan based nanostructured composite for the electroanalytical detection of dissolved oxygen within aqueous media. <i>Analytical Methods</i> , 2014 , 6, 8793-8801	3.2	12
285	A promising Na ₃ V ₂ (PO ₄) ₃ cathode for use in the construction of high energy batteries. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 3055-61	3.6	77
284	Screen-printed graphite macroelectrodes for the direct electron transfer of cytochrome c: a deeper study of the effect of pH on the conformational states, immobilization and peroxidase activity. <i>Analyst, The</i> , 2014 , 139, 1442-8	5	13
283	Electrochemistry provides a point-of-care approach for the marker indicative of <i>Pseudomonas aeruginosa</i> infection of cystic fibrosis patients. <i>Analyst, The</i> , 2014 , 139, 3999-4004	5	15
282	Screen-printed back-to-back electroanalytical sensors. <i>Analyst, The</i> , 2014 , 139, 5339-49	5	21
281	Green electrochemical sensing platforms: utilizing hydroxyapatite derived from natural fish scales as a novel electrochemical material for the sensitive detection of kidney injury molecule 1 (KIM-1). <i>Analyst, The</i> , 2014 , 139, 5362-6	5	14
280	Ultraflexible Screen-Printed Graphitic Electroanalytical Sensing Platforms. <i>Electroanalysis</i> , 2014 , 26, 262-274	5.8	58
279	Simultaneous determination of hydrazine and phenyl hydrazine using 4-(4-carboxyphenyl)-2,2':6,2''-terpyridine diacetonitrile triphenylphosphine ruthenium(II) tetrafluoroborate complex functionalized multiwalled carbon nanotubes modified electrode. <i>Materials Research Bulletin</i> , 2014 , 60, 166-173	5.1	15
278	Electroanalytical Performance of a Freestanding Three-Dimensional Graphene Foam Electrode. <i>Electroanalysis</i> , 2014 , 26, 93-102	3	22
277	First exploration of Na-ion migration pathways in the NASICON structure Na ₃ V ₂ (PO ₄) ₃ . <i>Journal of Materials Chemistry A</i> , 2014 , 2, 5358	13	172
276	Forensic electrochemistry applied to the sensing of new psychoactive substances: electroanalytical sensing of synthetic cathinones and analytical validation in the quantification of seized street samples. <i>Analytical Chemistry</i> , 2014 , 86, 9985-92	7.8	61
275	Nanoparticle modified electrodes for trace metal ion analysis 2014 , 54-79		2

274	A decade of graphene research: production, applications and outlook. <i>Materials Today</i> , 2014 , 17, 426-432	1.8	368
273	The Handbook of Graphene Electrochemistry 2014 ,		123
272	Development of a carbon nanotube paste electrode modified with zinc phosphate for captopril determination in pharmaceutical and biological samples. <i>Analytical Methods</i> , 2014 , 6, 1324	3.2	9
271	Spinel NiCo ₂ O ₄ for use as a high-performance supercapacitor electrode material: Understanding of its electrochemical properties. <i>Journal of Power Sources</i> , 2014 , 267, 888-900	8.9	191
270	Fingerprinting Breath: Electrochemical Monitoring of Markers Indicative of Bacteria Mycobacterium tuberculosis Infection. <i>Journal of the Brazilian Chemical Society</i> , 2014 ,	1.5	2
269	Nanomaterials for Electrochemical Sensing and Biosensing 2014 , 1-45		
268	The Shono-type electroorganic oxidation of unfunctionalised amides. Carbon-carbon bond formation via electrogenerated N-acyliminium ions. <i>Beilstein Journal of Organic Chemistry</i> , 2014 , 10, 3056-72	2.5	62
267	Metallic Impurities in Graphene Screen-Printed Electrodes Can Influence Their Electrochemical Properties. <i>Electroanalysis</i> , 2014 , 26, 2429-2433	3	17
266	The Electrochemistry of Graphene 2014 , 79-126		0
265	Cobalt phthalocyanine modified electrodes utilised in electroanalysis: nano-structured modified electrodes vs. bulk modified screen-printed electrodes. <i>Sensors</i> , 2014 , 14, 21905-22	3.8	52
264	Aqueous Sodium-Ion Battery using a Na ₃ V ₂ (PO ₄) ₃ Electrode. <i>ChemElectroChem</i> , 2014 , 1, 871-876	4.3	82
263	Graphene Applications 2014 , 127-174		3
262	Introduction to Graphene 2014 , 1-22		2
261	Electrochemical Devices for Monitoring Biomarkers in Embryo Development. <i>Electrochimica Acta</i> , 2014 , 140, 42-48	6.7	3
260	Screen-printed electrode-based electrochemical detector coupled with in-situ ionic-liquid-assisted dispersive liquid-liquid microextraction for determination of 2,4,6-trinitrotoluene. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 2197-204	4.4	27
259	The Oxygen Reduction Reaction at Graphene Modified Electrodes. <i>Electroanalysis</i> , 2014 , 26, 76-83	3	44
258	Interpreting Electrochemistry 2014 , 23-77		26
257	Voltammetric behaviour of free DNA bases, methylcytosine and oligonucleotides at disposable screen printed graphite electrode platforms. <i>Analyst, The</i> , 2013 , 138, 5239-49	5	29

256	Inexpensive and disposable copper mini-sensor modified with bismuth for lead and cadmium determination using square-wave anodic stripping voltammetry. <i>Analytical Methods</i> , 2013 , 5, 202-207	3.2	40
255	Electrochemically triggered graphene sheets through cathodic exfoliation for lithium ion batteries anodes. <i>RSC Advances</i> , 2013 , 3, 16130	3.7	17
254	Differential pulse adsorptive stripping voltammetric determination of nanomolar levels of methotrexate utilizing bismuth film modified electrodes. <i>Sensors and Actuators B: Chemical</i> , 2013 , 188, 334-339	8.5	23
253	Preliminary study on the effect of heated surfaces upon bloodstain pattern analysis. <i>Journal of Forensic Sciences</i> , 2013 , 58, 1289-96	1.8	9
252	Forensic electrochemistry: the electroanalytical sensing of Rohypnol [®] (flunitrazepam) using screen-printed graphite electrodes without recourse for electrode or sample pre-treatment. <i>Analyst, The</i> , 2013 , 138, 6185-91	5	56
251	Screen-printed palladium electroanalytical sensors. <i>Journal of Solid State Electrochemistry</i> , 2013 , 17, 1553-1562	3.6	23
250	The mechanistic exploration of porous activated graphene sheets-anchored SnO ₂ nanocrystals for application in high-performance Li-ion battery anodes. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 15098-105	3.6	31
249	Bloodstain pattern analysis: looking at impacting blood from a different angle. <i>Australian Journal of Forensic Sciences</i> , 2013 , 45, 85-102	1.1	4
248	Exploring the electrochemical performance of graphitic paste electrodes: graphene vs. graphite. <i>Analyst, The</i> , 2013 , 138, 6354-64	5	25
247	An improved electrochemical creatinine detection method via a Jaffe-based procedure. <i>Analyst, The</i> , 2013 , 138, 6565-72	5	34
246	A carbon quantum dot decorated RuO ₂ network: outstanding supercapacitances under ultrafast charge and discharge. <i>Energy and Environmental Science</i> , 2013 , 6, 3665	35.4	247
245	Screen printed graphite electrochemical sensors for the voltammetric determination of antimony(III). <i>Analytical Methods</i> , 2013 , 5, 3490	3.2	25
244	Analytical monitoring of sodium borohydride. <i>Analytical Methods</i> , 2013 , 5, 829	3.2	24
243	Room temperature ionic liquid assisted well-dispersed core-shell tin nanoparticles through cathodic corrosion. <i>RSC Advances</i> , 2013 , 3, 18791	3.7	36
242	Paper-based electroanalytical sensing platforms. <i>Analytical Methods</i> , 2013 , 5, 103-110	3.2	79
241	Electrochemical impedance spectroscopy: an overview of bioanalytical applications. <i>Analytical Methods</i> , 2013 , 5, 1098	3.2	367
240	Recent development of LiNi _x Co _y Mn _z O ₂ : Impact of micro/nano structures for imparting improvements in lithium batteries. <i>Transactions of Nonferrous Metals Society of China</i> , 2013 , 23, 108-119	3.3	34
239	Forensic electrochemistry: sensing the molecule of murder atropine. <i>Analyst, The</i> , 2013 , 138, 1053-9	5	37

238	Screen Printed Electrodes Open New Vistas in Sensing: Application to Medical Diagnosis. <i>Modern Aspects of Electrochemistry</i> , 2013 , 83-120		2
237	Graphene ultracapacitors: structural impacts. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 4799-803	3.6	50
236	The fabrication of novel screen printed single-walled carbon nanotube electrodes: Electroanalytical applications. <i>Sensors and Actuators B: Chemical</i> , 2013 , 177, 1043-1052	8.5	46
235	Electrochemical impedance spectroscopy versus cyclic voltammetry for the electroanalytical sensing of capsaicin utilising screen printed carbon nanotube electrodes. <i>Analyst, The</i> , 2013 , 138, 2970-85		58
234	Freestanding three-dimensional graphene foam gives rise to beneficial electrochemical signatures within non-aqueous media. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 5962	13	79
233	Electroanalytical sensing of selenium(IV) utilising screen printed graphite macro electrodes. <i>Analytical Methods</i> , 2013 , 5, 851	3.2	36
232	Fabrication of co-planar screen printed microband electrodes. <i>Analyst, The</i> , 2013 , 138, 2516-21	5	25
231	The electrochemistry of arylated anthraquinones in room temperature ionic liquids. <i>Journal of Physical Organic Chemistry</i> , 2013 , 26, 367-375	2.1	1
230	Electroanalytical applications of screen printed microelectrode arrays. <i>Sensors and Actuators B: Chemical</i> , 2013 , 181, 454-462	8.5	36
229	Graphene for Energy Production and Storage Applications 2013 , 133-170		3
228	Analytical methods for quantifying creatinine within biological media. <i>Sensors and Actuators B: Chemical</i> , 2013 , 183, 239-252	8.5	47
227	Square-wave voltammetric determination of paraquat using a glassy carbon electrode modified with multiwalled carbon nanotubes within a dihexadecylhydrogenphosphate (DHP) film. <i>Sensors and Actuators B: Chemical</i> , 2013 , 181, 306-311	8.5	61
226	An oxygen pumping anode for electrowinning aluminium. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 6350-4	3.6	2
225	Exploring the origins of the apparent "electrocatalytic" oxidation of kojic acid at graphene modified electrodes. <i>Analyst, The</i> , 2013 , 138, 4436-42	5	29
224	A Na ₃ V ₂ (PO ₄) ₃ cathode material for use in hybrid lithium ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 14357-63	3.6	98
223	Ultra Flexible Paper Based Electrochemical Sensors: Effect of Mechanical Contortion upon Electrochemical Performance. <i>Electroanalysis</i> , 2013 , 25, n/a-n/a	3	6
222	Conversion of natural egg-shell to 3D flower-like hydroxyapatite agglomerates for highly sensitive detection of As ³⁺ ions. <i>Materials Letters</i> , 2012 , 78, 120-123	3.3	8
221	Electrochemical utilisation of chemical vapour deposition grown carbon nanotubes as sensors. <i>Vacuum</i> , 2012 , 86, 507-519	3.7	16

220	Hexagonal nickel oxide nanoplate-based electrochemical supercapacitor. <i>Journal of Materials Science</i> , 2012 , 47, 503-507	4.3	58
219	The electrochemical performance of graphene modified electrodes: an analytical perspective. <i>Analyst, The</i> , 2012 , 137, 1815-23	5	73
218	Identification of microbial volatile organic compounds (MVOCs) emitted from fungal isolates found on cinematographic film. <i>Analytical Methods</i> , 2012 , 4, 1265	3.2	15
217	Facile synthetic fabrication of iron oxide particles and novel hydrogen superoxide supercapacitors. <i>RSC Advances</i> , 2012 , 2, 6672	3.7	65
216	Exploring the electrochemical behavior of screen printed graphite electrodes in a room temperature ionic liquid. <i>RSC Advances</i> , 2012 , 2, 7735	3.7	15
215	Electroanalytical properties of screen printed shallow recessed electrodes. <i>Analytical Methods</i> , 2012 , 4, 3140	3.2	15
214	Graphene oxide gives rise to unique and intriguing voltammetry. <i>RSC Advances</i> , 2012 , 2, 665-668	3.7	40
213	Development of a novel analytical approach combining the quantification of amino acids, organic acids and glucose using HPLC-UV-Vis and HPLC-MS with screening via NMR. <i>Analytical Methods</i> , 2012 , 4, 284-290	3.2	6
212	Electroanalytical properties of screen printed graphite microband electrodes. <i>Sensors and Actuators B: Chemical</i> , 2012 , 169, 136-143	8.5	41
211	Fabricating graphene supercapacitors: highlighting the impact of surfactants and moieties. <i>Chemical Communications</i> , 2012 , 48, 1425-7	5.8	77
210	Electrochemistry of Q-graphene. <i>Nanoscale</i> , 2012 , 4, 6470-80	7.7	38
209	Polyaniline/polyacrylic acid/multi-walled carbon nanotube modified electrodes for sensing ascorbic acid. <i>Analytical Methods</i> , 2012 , 4, 118-124	3.2	42
208	Electrochemical measurement of the DNA bases adenine and guanine at surfactant-free graphene modified electrodes. <i>RSC Advances</i> , 2012 , 2, 5800	3.7	33
207	Graphene electroanalysis: inhibitory effects in the stripping voltammetry of cadmium with surfactant free graphene. <i>Analyst, The</i> , 2012 , 137, 420-3	5	13
206	Graphene electrochemical supercapacitors: the influence of oxygen functional groups. <i>Chemical Communications</i> , 2012 , 48, 2770-2	5.8	56
205	Sonoelectrochemical Production of Nanomaterials 2012 , 283-300		1
204	Sonoelectroanalysis: An Overview 2012 , 79-99		1
203	Crime scene investigation III: Exploring the effects of drugs of abuse and neurotransmitters on Bloodstain Pattern Analysis. <i>Analytical Methods</i> , 2012 , 4, 721	3.2	11

202	Platinum screen printed electrodes for the electroanalytical sensing of hydrazine and hydrogen peroxide. <i>Analytical Methods</i> , 2012 , 4, 1272	3.2	35
201	Printable thin film supercapacitors utilizing single crystal cobalt hydroxide nanosheets. <i>RSC Advances</i> , 2012 , 2, 1508-1515	3.7	43
200	Limitations of CVD graphene when utilised towards the sensing of heavy metals. <i>RSC Advances</i> , 2012 , 2, 5385	3.7	21
199	CVD graphene vs. highly ordered pyrolytic graphite for use in electroanalytical sensing. <i>Analyst, The</i> , 2012 , 137, 833-9	5	32
198	Electroanalytical sensing of chromium(III) and (VI) utilising gold screen printed macro electrodes. <i>Analyst, The</i> , 2012 , 137, 896-902	5	86
197	The electrochemistry of CVD graphene: progress and prospects. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 8264-81	3.6	121
196	Graphene electrochemistry: fundamental concepts through to prominent applications. <i>Chemical Society Reviews</i> , 2012 , 41, 6944-76	58.5	497
195	Prussian Blue Modified Solid Carbon Nanorod Whisker Paste Composite Electrodes: Evaluation towards the Electroanalytical Sensing of H ₂ O ₂ . <i>International Journal of Electrochemistry</i> , 2012 , 2012, 1-7	2.4	1
194	Graphene electrochemistry: fabricating amperometric biosensors. <i>Analyst, The</i> , 2011 , 136, 2084-9	5	54
193	Solid carbon nanorod whiskers: application to the electrochemical sensing of biologically relevant molecules. <i>RSC Advances</i> , 2011 , 1, 93	3.7	8
192	Crime scene investigation II: The effect of warfarin on bloodstain pattern analysis. <i>Analytical Methods</i> , 2011 , 3, 1521	3.2	4
191	Electrochemical capacitors utilising transition metal oxides: an update of recent developments. <i>RSC Advances</i> , 2011 , 1, 1171	3.7	236
190	A facile approach for quantifying the density of defects (edge plane sites) of carbon nanomaterials and related structures. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 1210-3	3.6	29
189	An overview of quantifying and screening drugs of abuse in biological samples: Past and present. <i>Analytical Methods</i> , 2011 , 3, 1227	3.2	10
188	CVD graphene electrochemistry: biologically relevant molecules. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 20284-8	3.6	49
187	Conversion of egg-shell to hydroxyapatite for highly sensitive detection of endocrine disruptor bisphenol A. <i>Journal of Materials Chemistry</i> , 2011 , 21, 14428		21
186	CVD graphene electrochemistry: the role of graphitic islands. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 15825-8	3.6	51
185	New directions in screen printed electroanalytical sensors: an overview of recent developments. <i>Analyst, The</i> , 2011 , 136, 1067-76	5	342

184	Flower-like hydroxyapatite modified carbon paste electrodes applicable for highly sensitive detection of heavy metal ions. <i>Journal of Materials Chemistry</i> , 2011 , 21, 7552		23
183	Sea cucumber-like hydroxyapatite: cation exchange membrane-assisted synthesis and its application in ultra-sensitive heavy metal detection. <i>Chemical Communications</i> , 2011 , 47, 4126-8	5.8	38
182	Electrochemistry of graphene: not such a beneficial electrode material?. <i>RSC Advances</i> , 2011 , 1, 978	3.7	201
181	Graphene Electrochemistry: Surfactants Inherent to Graphene Can Dramatically Effect Electrochemical Processes. <i>Electroanalysis</i> , 2011 , 23, 894-899	3	74
180	Screen printed graphite macroelectrodes for the direct electron transfer of cytochrome c. <i>Analyst, The</i> , 2011 , 136, 2146-50	5	19
179	Plaster-trodes for electro-analytical sensing via electrodeposition with electro-catalytic metals. <i>Analyst, The</i> , 2011 , 136, 1153-6	5	2
178	Electrolytically fabricated microrods on screen printed graphite electrodes: Electro-catalyticoxidation of alcohols. <i>Analytical Methods</i> , 2011 , 3, 74-77	3.2	9
177	Disposable manganese oxide screen printed electrodes for electroanalytical sensing. <i>Analytical Methods</i> , 2011 , 3, 105-109	3.2	17
176	Flower-like agglomerates of hydroxyapatite crystals formed on an egg-shell membrane. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 82, 490-6	6	42
175	Quantifying the electron transfer sites of graphene. <i>Electrochemistry Communications</i> , 2011 , 13, 8-11	5.1	72
174	Graphene electrochemistry: Surfactants inherent to graphene inhibit metal analysis. <i>Electrochemistry Communications</i> , 2011 , 13, 111-113	5.1	68
173	An overview of graphene in energy production and storage applications. <i>Journal of Power Sources</i> , 2011 , 196, 4873-4885	8.9	712
172	Direct oxidation of methionine at screen printed graphite macroelectrodes: Towards rapid sensing platforms. <i>Sensors and Actuators B: Chemical</i> , 2011 , 155, 831-836	8.5	30
171	Cubic Copper Hexacyanoferrates Nanoparticles: Facile Template-Free Deposition and Electrocatalytic Sensing Towards Hydrazine. <i>International Journal of Electrochemistry</i> , 2011 , 2011, 1-5	2.4	5
170	In situ bismuth film modified screen printed electrodes for the bio-monitoring of cadmium in oral (saliva) fluid. <i>Analytical Methods</i> , 2010 , 2, 645	3.2	40
169	Crime scene investigation: The effect of drug contaminated bloodstains on bloodstain pattern analysis. <i>Analytical Methods</i> , 2010 , 2, 1885	3.2	9
168	Gold nanoparticle ensembles allow mechanistic insights into electrochemical processes. <i>ChemPhysChem</i> , 2010 , 11, 875-9	3.2	18
167	Graphene electrochemistry: an overview of potential applications. <i>Analyst, The</i> , 2010 , 135, 2768-78	5	438

166	Spice up your life: screening the illegal components of SpiceHerbal products. <i>Analytical Methods</i> , 2010 , 2, 614	3.2	14
165	Nickel oxide screen printed electrodes for the sensing of hydroxide ions in aqueous solutions. <i>Analytical Methods</i> , 2010 , 2, 1152	3.2	24
164	Exploring the physicoelectrochemical properties of graphene. <i>Chemical Communications</i> , 2010 , 46, 8986-88	3.8	118
163	High throughput screening of lead utilising disposable screen printed shallow recessed microelectrode arrays. <i>Analyst, The</i> , 2010 , 135, 76-9	5	8
162	Graphite screen printed electrodes for the electrochemical sensing of chromium(VI). <i>Analyst, The</i> , 2010 , 135, 1947-52	5	86
161	Electroanalytical sensing of nitrite at shallow recessed screen printed microelectrode arrays. <i>Analytical Methods</i> , 2010 , 2, 851	3.2	42
160	"Cosmetic electrochemistry": the facile production of graphite microelectrode ensembles. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 2285-7	3.6	12
159	Non-enzymatic amperometric glucose biosensor based on nickel hexacyanoferrate nanoparticle film modified electrodes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010 , 78, 363-6	6	45
158	Understanding the Physicoelectrochemical Properties of Carbon Nanotubes: Current State of the Art. <i>Electroanalysis</i> , 2010 , 22, 7-19	3	63
157	Disposable Bismuth Oxide Screen Printed Electrodes for the Sensing of Zinc in Seawater. <i>Electroanalysis</i> , 2010 , 22, 1455-1459	3	34
156	Cosmetic Electrochemistry II: Rapid and Facile Production of Metallic Electrocatalytic Ensembles. <i>Electroanalysis</i> , 2010 , 22, 1831-1836	3	6
155	Gold Nanoparticle Modified Screen Printed Electrodes for the Trace Sensing of Arsenic(III) in the Presence of Copper(II). <i>Electroanalysis</i> , 2010 , 22, 2496-2501	3	59
154	Disposable highly ordered pyrolytic graphite-like electrodes: Tailoring the electrochemical reactivity of screen printed electrodes. <i>Electrochemistry Communications</i> , 2010 , 12, 6-9	5.1	47
153	Metallic impurity free carbon nanotube paste electrodes. <i>Electrochemistry Communications</i> , 2010 , 12, 144-147	5.1	20
152	Screen printed electrodes provide micro-domain sites for fabricating disposable electro-catalytic ensembles. <i>Electrochemistry Communications</i> , 2010 , 12, 406-409	5.1	16
151	Understanding Voltammetry 2010 ,		105
150	The Heterogeneity of Multiwalled and Single-Walled Carbon Nanotubes: Iron Oxide Impurities Can Catalyze the Electrochemical Oxidation of Glucose. <i>Electroanalysis</i> , 2009 , 21, 48-51	3	32
149	Disposable Bismuth Oxide Screen Printed Electrodes for the High Throughput Screening of Heavy Metals. <i>Electroanalysis</i> , 2009 , 21, NA-NA	3	19

148	Metallic Free Carbon Nanotube Cluster Modified Screen Printed Electrodes for the Sensing of Nicotine in Artificial Saliva. <i>Electroanalysis</i> , 2009 , 21, 2387-2389	3	30
147	Characterization and fabrication of disposable screen printed microelectrodes. <i>Electrochemistry Communications</i> , 2009 , 11, 1377-1380	5.1	52
146	Characterisation of commercially available electrochemical sensing platforms. <i>Sensors and Actuators B: Chemical</i> , 2009 , 138, 556-562	8.5	151
145	Screen printed recessed microelectrode arrays. <i>Sensors and Actuators B: Chemical</i> , 2009 , 142, 342-346	8.5	31
144	Mesoporous-TiO ₂ nanoparticles based carbon paste electrodes exhibit enhanced electrochemical sensitivity for phenols. <i>Electrochemistry Communications</i> , 2009 , 11, 1990-1995	5.1	42
143	Why 'the bigger the better' is not always the case when utilising microelectrode arrays: high density vs. low density arrays for the electroanalytical sensing of chromium(VI). <i>Analyst, The</i> , 2009 , 134, 2301-5	5	33
142	Next generation screen printed electrochemical platforms: Non-enzymatic sensing of carbohydrates using screen printed electrodes. <i>Analytical Methods</i> , 2009 , 1, 183-187	3.2	53
141	Screen printed electrochemical platforms for pH sensing. <i>Analytical Methods</i> , 2009 , 1, 25-28	3.2	41
140	A Critical Review of the Electrocatalysis Reported at C60 Modified Electrodes. <i>Electroanalysis</i> , 2008 , 20, 1507-1512	3	38
139	A systematic study of the electrochemical determination of hydrogen peroxide at single-walled carbon nanotube ensemble networks. <i>Electrochemistry Communications</i> , 2008 , 10, 1872-1875	5.1	16
138	Manufacturing electrochemical platforms: Direct-write dispensing versus screen printing. <i>Electrochemistry Communications</i> , 2008 , 10, 1517-1519	5.1	32
137	Misinterpretations of the electro-catalysis observed at C60 modified glassy carbon electrodes for the determination of Atenolol. <i>Electrochemistry Communications</i> , 2008 , 10, 1633-1635	5.1	12
136	The underlying electrode causes the reported electro-catalysis observed at C60-modified glassy carbon electrodes in the case of N-(4-hydroxyphenyl)ethanamide and salbutamol. <i>Electrochimica Acta</i> , 2008 , 53, 5885-5890	6.7	15
135	Multi-walled carbon nanotube modified basal plane pyrolytic graphite electrodes: Exploring heterogeneity, electro-catalysis and highlighting batch to batch variation. <i>Journal of the Iranian Chemical Society</i> , 2008 , 5, 279-285	2	36
134	Use of high-purity metal-catalyst-free multiwalled carbon nanotubes to avoid potential experimental misinterpretations. <i>Langmuir</i> , 2007 , 23, 9501-4	4	82
133	Nanoscale tunable proton/hydrogen sensing: evidence for surface-adsorbed hydrogen atom on architected palladium nanoparticles. <i>Journal of the American Chemical Society</i> , 2007 , 129, 6068-9	16.4	47
132	Electrode Kinetic Studies of the Hydroquinone/Benzoquinone System and the Reaction between Hydroquinone and Ammonia in Propylene Carbonate: Application to the Indirect Electroanalytical Sensing of Ammonia. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 1496-1504	3.8	50
131	Copper Oxide Graphite Composite Electrodes: Application to Nitrite Sensing. <i>Electroanalysis</i> , 2007 , 19, 79-84	3	61

130	An Electrochemical Study of Immobilized Ruthenocene in Aqueous Media. <i>Electroanalysis</i> , 2007 , 19, 555-560	6	
129	Electroanalysis Utilizing Amperometric Microdisk Electrode Arrays. <i>Electroanalysis</i> , 2007 , 19, 1973-1986	3	93
128	Electrochemical Ammonia Gas Sensing in Nonaqueous Systems: A Comparison of Propylene Carbonate with Room Temperature Ionic Liquids. <i>Electroanalysis</i> , 2007 , 19, 2194-2201	3	40
127	Exploring Alkylated Ferrocene Sulfonates as Electrocatalysts for Sulfide Detection. <i>Electroanalysis</i> , 2007 , 19, 2518-2522	3	19
126	At point of use sono-electrochemical generation of hydrogen peroxide for chemical synthesis: the green oxidation of benzonitrile to benzamide. <i>Ultrasonics Sonochemistry</i> , 2007 , 14, 113-6	8.9	11
125	Electrosynthesis of hydrogen peroxide via the reduction of oxygen assisted by power ultrasound. <i>Ultrasonics Sonochemistry</i> , 2007 , 14, 405-12	8.9	33
124	Electrochemical characterisation of novel water-soluble ruthenocene complexes: An anion-dependent response. <i>Electrochemistry Communications</i> , 2007 , 9, 1451-1455	5.1	1
123	Single walled carbon nanotubes contain residual iron oxide impurities which can dominate their electrochemical activity. <i>Electrochemistry Communications</i> , 2007 , 9, 2330-2333	5.1	87
122	Synthesis and characterisation of water soluble ferrocenes: Molecular tuning of redox potentials. <i>Journal of Organometallic Chemistry</i> , 2007 , 692, 5173-5182	2.3	14
121	Electroanalytical determination of cadmium(II) and lead(II) using an in-situ bismuth film modified edge plane pyrolytic graphite electrode. <i>Analytical Sciences</i> , 2007 , 23, 283-9	1.7	94
120	Manganese dioxide graphite composite electrodes: application to the electroanalysis of hydrogen peroxide, ascorbic acid and nitrite. <i>Analytical Sciences</i> , 2007 , 23, 165-70	1.7	56
119	Lead(IV) oxide-graphite composite electrodes: application to sensing of ammonia, nitrite and phenols. <i>Analytica Chimica Acta</i> , 2007 , 587, 240-6	6.6	56
118	Super-washing does not leave single walled carbon nanotubes iron-free. <i>Analyst, The</i> , 2007 , 132, 21-3	5	74
117	Understanding Voltammetry 2007 ,		217
116	Carbon nanotubes contain metal impurities which are responsible for the "electrocatalysis" seen at some nanotube-modified electrodes. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 2533-7	16.4	528
115	Electrochemical Response of Cobalt(II) in the Presence of Ammonia. <i>Electroanalysis</i> , 2006 , 18, 44-52	3	12
114	Sulfite Determination at In Situ Plated Copper Modified Gold Ultramicroelectrode Arrays. <i>Electroanalysis</i> , 2006 , 18, 247-252	3	25
113	Electrochemistry Inside Microdroplets of Kerosene: Electroanalysis of (Methylcyclopentadienyl) Manganese(I) Tricarbonyl(I). <i>Electroanalysis</i> , 2006 , 18, 621-626	3	10

112	The Direct Electrochemical Oxidation of Ammonia in Propylene Carbonate: A Generic Approach to Amperometric Gas Sensors. <i>Electroanalysis</i> , 2006 , 18, 449-455	3	15
111	Trace Detection of Mercury(II) Using Gold Ultra-Microelectrode Arrays. <i>Electroanalysis</i> , 2006 , 18, 573-578		91
110	The Electrochemistry of Tetraphenyl Porphyrin Iron(III) Within Immobilized Droplets Supported on Platinum Electrodes. <i>Electroanalysis</i> , 2006 , 18, 649-654	3	6
109	Simultaneous Determination of Uric Acid and Ascorbic Acid Using Edge Plane Pyrolytic Graphite Electrodes. <i>Electroanalysis</i> , 2006 , 18, 741-747	3	60
108	Electroanalytical Sensing of Green Tea Anticarcinogenic Catechin Compounds: Epigallocatechin Gallate and Epigallocatechin. <i>Electroanalysis</i> , 2006 , 18, 849-853	3	16
107	Screen Printed Electrodes and Screen Printed Modified Electrodes Benefit from Insonation. <i>Electroanalysis</i> , 2006 , 18, 928-930	3	12
106	Graphite Micropowder Modified with 4-Amino-2,6-diphenylphenol Supported on Basal Plane Pyrolytic Graphite Electrodes: Micro Sensing Platforms for the Indirect Electrochemical Detection of Δ -Tetrahydrocannabinol in Saliva. <i>Electroanalysis</i> , 2006 , 18, 1063-1067	3	20
105	Electroanalysis of Bromate, Iodate and Chlorate at Tungsten Oxide Modified Platinum Microelectrode Arrays. <i>Electroanalysis</i> , 2006 , 18, 1672-1680	3	25
104	Tagging of Model Amphetamines with Sodium 1,2-Naphthoquinone-4-sulfonate: Application to the Indirect Electrochemical Detection of Amphetamines in Oral (Saliva) Fluid. <i>Electroanalysis</i> , 2006 , 18, 1833-1837 ¹⁰	3	10
103	Iron(III) Oxide Graphite Composite Electrodes: Application to the Electroanalytical Detection of Hydrazine and Hydrogen Peroxide. <i>Electroanalysis</i> , 2006 , 18, 1757-1762	3	77
102	Understanding the Electrochemical Reactivity of Bamboo Multiwalled Carbon Nanotubes: the Presence of Oxygenated Species at Tube Ends May not Increase Electron Transfer Kinetics. <i>Electroanalysis</i> , 2006 , 18, 2137-2140	3	41
101	Multiwalled Carbon Nanotubes Resist Intercalation Whereas Pyrolytic Graphite Can Exfoliate in Propylene Carbonate: Electroanalysis Without the Deleterious Effects of Intercalation for the Detection of Ammonia. <i>Electroanalysis</i> , 2006 , 18, 2141-2147	3	9
100	Palladium Sub-Nanoparticle Decorated Bamboo Multi-Walled Carbon Nanotubes Exhibit Electrochemical Metastability: Voltammetric Sensing in Otherwise Inaccessible pH Ranges. <i>Electroanalysis</i> , 2006 , 18, 2481-2485	3	65
99	AFM studies of metal deposition: instantaneous nucleation and the growth of cobalt nanoparticles on boron-doped diamond electrodes. <i>ChemPhysChem</i> , 2006 , 7, 704-9	3.2	37
98	Nano-electrochemical detection of hydrogen or protons using palladium nanoparticles: distinguishing surface and bulk hydrogen. <i>ChemPhysChem</i> , 2006 , 7, 1081-5	3.2	40
97	Ultrafast chronoamperometry of single impact events in acoustically agitated solid particulate suspensions. <i>ChemPhysChem</i> , 2006 , 7, 807-11	3.2	35
96	Oxygenated edge plane sites slow the electron transfer of the ferro-/ferricyanide redox couple at graphite electrodes. <i>ChemPhysChem</i> , 2006 , 7, 1337-44	3.2	190
95	Carbon Nanotubes Contain Metal Impurities Which Are Responsible for the Electrocatalysis Seen at Some Nanotube-Modified Electrodes. <i>Angewandte Chemie</i> , 2006 , 118, 2595-2599	3.6	72

94	The electroanalytical detection of hydrazine: a comparison of the use of palladium nanoparticles supported on boron-doped diamond and palladium plated BDD microdisc array. <i>Analyst, The</i> , 2006 , 131, 106-10	5	221
93	Electrochemically polymerised composites of multi-walled carbon nanotubes and poly(vinylferrocene) and their use as modified electrodes: application to glucose sensing. <i>Analyst, The</i> , 2006 , 131, 670-7	5	61
92	The ammonia-free partial reduction of substituted pyridinium salts. <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 1071-84	3.9	25
91	Regular arrays of microdisc electrodes: simulation quantifies the fraction of 'dead' electrodes. <i>Analyst, The</i> , 2006 , 131, 440-5	5	53
90	Edge plane sites on highly ordered pyrolytic graphite as templates for making palladium nanowires via electrochemical decoration. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 22306-9	3.4	50
89	New electrodes for old: from carbon nanotubes to edge plane pyrolytic graphite. <i>Analyst, The</i> , 2006 , 131, 15-21	5	490
88	Iron oxide particles are the active sites for hydrogen peroxide sensing at multiwalled carbon nanotube modified electrodes. <i>Nano Letters</i> , 2006 , 6, 1556-8	11.5	355
87	Electroanalytical applications of boron-doped diamond microelectrode arrays. <i>Talanta</i> , 2006 , 69, 829-346.2		71
86	Gold ultra-microelectrode arrays: application to the steady-state voltammetry of hydroxide ion in aqueous solution. <i>Analytical Sciences</i> , 2006 , 22, 679-83	1.7	23
85	Metal nanoparticles and related materials supported on carbon nanotubes: methods and applications. <i>Small</i> , 2006 , 2, 182-93	11	885
84	Graphite impurities cause the observed electrocatalysis seen at C60 modified glassy carbon electrodes in respect of the oxidation of L-cysteine. <i>Analytica Chimica Acta</i> , 2006 , 566, 1-4	6.6	25
83	The linear sweep voltammetry of random arrays of microdisc electrodes: Fitting of experimental data. <i>Journal of Electroanalytical Chemistry</i> , 2006 , 592, 126-130	4.1	20
82	Oxidation of anthracene on platinum macro- and micro-electrodes: Sonoelectrochemical, cryoelectrochemical and sonocryoelectrochemical studies. <i>Ultrasonics Sonochemistry</i> , 2006 , 13, 126-32	8.9	25
81	Acoustically fabricated random microelectrode assemblies. <i>Ultrasonics Sonochemistry</i> , 2006 , 13, 261-70	8.9	8
80	Trace metal detection in Zbenik Bay, Croatia: Cadmium, lead and copper with anodic stripping voltammetry and manganese via sonoelectrochemistry. A case study. <i>Journal of the Iranian Chemical Society</i> , 2006 , 3, 128-139	2	27
79	Chemically Modified Carbon Nanotubes for Use in Electroanalysis. <i>Mikrochimica Acta</i> , 2006 , 152, 187-214	5.8	295
78	Abrasively modified electrodes: mathematical modelling and numerical simulation of electrochemical dissolution/growth processes under cyclic voltammetric conditions. <i>Journal of Solid State Electrochemistry</i> , 2006 , 10, 857-864	2.6	9
77	Indirect detection of substituted phenols and cannabis based on the electrochemical adaptation of the Gibbs reaction. <i>Analytical and Bioanalytical Chemistry</i> , 2005 , 383, 523-31	4.4	19

76	The electrochemical oxidation of ammonia at boron-doped diamond electrodes exhibits analytically useful signals in aqueous solutions. <i>Analyst, The</i> , 2005 , 130, 1345-7	5	34
75	Exploration of gas sensing possibilities with edge plane pyrolytic graphite electrodes: nitrogen dioxide detection. <i>Analyst, The</i> , 2005 , 130, 280-2	5	15
74	Hydrodynamic electrochemistry: design for a high-speed rotating disk electrode. <i>Analytical Chemistry</i> , 2005 , 77, 1928-30	7.8	22
73	Computational electrochemistry: finite element simulation of a disk electrode with ultrasonic acoustic streaming. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 7843-9	3.4	16
72	Chloride Determination in Ionic Liquids. <i>ACS Symposium Series</i> , 2005 , 244-258	0.4	11
71	Manganese detection in marine sediments: anodic vs. cathodic stripping voltammetry. <i>Talanta</i> , 2005 , 65, 423-9	6.2	56
70	Exploring the electrocatalytic sites of carbon nanotubes for NADH detection: an edge plane pyrolytic graphite electrode study. <i>Analyst, The</i> , 2005 , 130, 1232-9	5	348
69	Boron-doped diamond microdisc arrays: electrochemical characterisation and their use as a substrate for the production of microelectrode arrays of diverse metals (Ag, Au, Cu) via electrodeposition. <i>Analyst, The</i> , 2005 , 130, 1303-11	5	79
68	All-diamond microelectrode array device. <i>Analytical Chemistry</i> , 2005 , 77, 3705-8	7.8	69
67	Edge plane pyrolytic graphite electrodes in electroanalysis: an overview. <i>Analytical Sciences</i> , 2005 , 21, 1263-8	1.7	133
66	The detection of nitrate using in-situ copper nanoparticle deposition at a boron doped diamond electrode. <i>Analytical Sciences</i> , 2005 , 21, 1421-30	1.7	57
65	Novel methods for the production of silver microelectrode-arrays: their characterisation by atomic force microscopy and application to the electro-reduction of halothane. <i>Analytical Sciences</i> , 2005 , 21, 667-71	1.7	38
64	The cyclic and linear sweep voltammetry of regular arrays of microdisc electrodes: Fitting of experimental data. <i>Journal of Electroanalytical Chemistry</i> , 2005 , 585, 51-62	4.1	160
63	Electroreduction of N-methylphthalimide in room temperature ionic liquids under insonated and silent conditions. <i>Ultrasonics Sonochemistry</i> , 2005 , 12, 423-8	8.9	22
62	Cryoelectrochemistry: electrochemical reduction of 2(RS)-methyl 1-(tert-butoxycarbonyl)-2-iodomethyl-2,5-dihydropyrrole-2-carboxylate. <i>Tetrahedron</i> , 2005 , 61, 2365-2372 ⁴		8
61	On-site monitoring of trace levels of free manganese in sea water via sonoelectroanalysis using a boron-doped diamond electrode. <i>Analytica Chimica Acta</i> , 2005 , 533, 141-145	6.6	21
60	An overview of the electrochemical reduction of oxygen at carbon-based modified electrodes. <i>Journal of the Iranian Chemical Society</i> , 2005 , 2, 1-25	2	152
59	Oxygen reduction catalysis at anthraquinone centres molecularly wired via carbon nanotubes. <i>Journal of the Iranian Chemical Society</i> , 2005 , 2, 60-64	2	36

58	Electrocatalysis at graphite and carbon nanotube modified electrodes: edge-plane sites and tube ends are the reactive sites. <i>Chemical Communications</i> , 2005 , 829-41	5.8	853
57	Sonoelectroanalytical Detection of Ultra-Trace Arsenic. <i>Electroanalysis</i> , 2005 , 17, 335-342	3	55
56	Edge Plane Pyrolytic Graphite Electrodes for Stripping Voltammetry: a Comparison with Other Carbon Based Electrodes. <i>Electroanalysis</i> , 2005 , 17, 655-661	3	38
55	Exploration of Stable Sonoelectrocatalysis for the Electrochemical Reduction of Oxygen. <i>Electroanalysis</i> , 2005 , 17, 1025-1034	3	24
54	Direct Oxidation of Ascorbic Acid at an Edge Plane Pyrolytic Graphite Electrode: A Comparison of the Electroanalytical Response with Other Carbon Electrodes. <i>Electroanalysis</i> , 2005 , 17, 1529-1533	3	89
53	Edge Plane Pyrolytic Graphite Electrodes for Halide Detection in Aqueous Solutions. <i>Electroanalysis</i> , 2005 , 17, 1627-1634	3	21
52	The Electrochemical Detection of Arsenic(III) at a Silver Electrode. <i>Electroanalysis</i> , 2005 , 17, 1727-1733	3	72
51	An In Situ Copper Plated Boron-Doped Diamond Microelectrode Array for the Sensitive Electrochemical Detection of Nitrate. <i>Electroanalysis</i> , 2005 , 17, 1806-1815	3	43
50	Electrocatalysis at Graphite and Carbon Nanotube Modified Electrodes: Edge-Plane Sites and Tube Ends Are the Reactive Sites. <i>ChemInform</i> , 2005 , 36, no		4
49	A comparison of different types of gold-carbon composite electrode for detection of arsenic(III). <i>Analytical and Bioanalytical Chemistry</i> , 2005 , 381, 979-85	4.4	48
48	Silver nanoparticle assemblies supported on glassy-carbon electrodes for the electro-analytical detection of hydrogen peroxide. <i>Analytical and Bioanalytical Chemistry</i> , 2005 , 382, 12-21	4.4	340
47	Gas sensing using edge-plane pyrolytic-graphite electrodes: electrochemical reduction of chlorine. <i>Analytical and Bioanalytical Chemistry</i> , 2005 , 382, 1169-74	4.4	30
46	Voltammetry at spatially heterogeneous electrodes. <i>Journal of Solid State Electrochemistry</i> , 2005 , 9, 797-808	2.0	186
45	Sonoelectroanalysis: investigation of bismuth-film-modified glassy carbon electrodes. <i>Analytical and Bioanalytical Chemistry</i> , 2004 , 379, 277-82	4.4	50
44	Mercury-free sono-electroanalytical detection of lead in human blood by use of bismuth-film-modified boron-doped diamond electrodes. <i>Analytical and Bioanalytical Chemistry</i> , 2004 , 379, 700-6	4.4	66
43	Effect of Cu(II) on the electrochemically initiated reaction of thiols with N, N-diethyl-p-phenylenediamine: methodology for the indirect voltammetric determination of Cu(II). <i>Analytical and Bioanalytical Chemistry</i> , 2004 , 379, 707-13	4.4	9
42	Ultrasonically induced phthalocyanine degradation: decolouration vs. metal release. <i>Ultrasonics Sonochemistry</i> , 2004 , 11, 327-31	8.9	9
41	Anodic Stripping Voltammetry: An AFM Study of Some Problems and Limitations. <i>Electroanalysis</i> , 2004 , 16, 345-354	3	29

40	Sonoelectroanalysis in Acoustically Emulsified Media: Zinc and Cadmium. <i>Electroanalysis</i> , 2004 , 16, 852-859	10
39	Electroanalytical Determination of Zinc in Human Blood Facilitated by Acoustically Assisted Double Extraction. <i>Electroanalysis</i> , 2004 , 16, 596-598	3 5
38	The cyclic voltammetric response of electrochemically heterogeneous surfaces. <i>Journal of Electroanalytical Chemistry</i> , 2004 , 574, 123-152	4.1 164
37	Electroanalytical detection of zinc in whole blood. <i>Analytica Chimica Acta</i> , 2004 , 510, 85-90	6.6 37
36	The transport limited currents at insonated electrodes. <i>Physical Chemistry Chemical Physics</i> , 2004 , 6, 3147-3156	61
35	Amperometric detection of glucose using self-catalytic carbon paste electrodes. <i>Analyst, The</i> , 2004 , 129, 428-31	5 13
34	Modification of carbon electrodes for oxygen reduction and hydrogen peroxide formation: The search for stable and efficient sonoelectrocatalysts. <i>Physical Chemistry Chemical Physics</i> , 2004 , 6, 992-997	3.6 47
33	A self-catalytic carbon paste electrode for the detection of vitamin B12. <i>Analytical Chemistry</i> , 2004 , 76, 161-5	7.8 78
32	The search for stable and efficient sonoelectrocatalysts for oxygen reduction and hydrogen peroxide formation: azobenzene and derivatives. <i>Physical Chemistry Chemical Physics</i> , 2004 , 6, 4034-4041	3.6 13
31	Ultrafast Chronoamperometry of Acoustically Agitated Solid Particulate Suspensions: Nonfaradaic and Faradaic Processes at a Polycrystalline Gold Electrode. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 18391-18394	3.4 43
30	Abrasive immobilization of carbon nanotubes on a basal plane pyrolytic graphite electrode: application to the detection of epinephrine. <i>Analyst, The</i> , 2004 , 129, 225-8	5 124
29	Boron doped diamond electrode modified with iridium oxide for amperometric detection of ultra trace amounts of arsenic(III). <i>Analyst, The</i> , 2004 , 129, 9	5 76
28	Ultrasound: promoting electroanalysis in difficult real world media. <i>Analyst, The</i> , 2004 , 129, 678-83	5 33
27	Electroanalytical determination of trace chloride in room-temperature ionic liquids. <i>Analytical Chemistry</i> , 2004 , 76, 1998-2003	7.8 106
26	Investigation of modified basal plane pyrolytic graphite electrodes: definitive evidence for the electrocatalytic properties of the ends of carbon nanotubes. <i>Chemical Communications</i> , 2004 , 1804-5	5.8 364
25	Electrocatalytic detection of thiols using an edge plane pyrolytic graphite electrode. <i>Analyst, The</i> , 2004 , 129, 755-8	5 134
24	Cadmium detection via boron-doped diamond electrodes: surfactant inhibited stripping voltammetry. <i>Talanta</i> , 2004 , 62, 279-86	6.2 35
23	Basal plane pyrolytic graphite modified electrodes: comparison of carbon nanotubes and graphite powder as electrocatalysts. <i>Analytical Chemistry</i> , 2004 , 76, 2677-82	7.8 445

22	Sonically assisted electroanalytical detection of ultratrace arsenic. <i>Analytical Chemistry</i> , 2004 , 76, 5051-57.8		76
21	Voltammetric exploration and applications of ultrasonic cavitation. <i>ChemPhysChem</i> , 2003 , 4, 169-78	3.2	47
20	Sonoelectrochemistry in Acoustically Emulsified Media: The Detection of Lead. <i>Electroanalysis</i> , 2003 , 15, 1661-1666	3	8
19	Sonovoltammetric Elucidation of Electron Transfer Rates: The Oxidation of Dimethyl-p-phenylenediamine in Aqueous Solution. <i>Electroanalysis</i> , 2003 , 15, 243-248	3	6
18	Ultrasonically Enhanced Voltammetric Analysis and Applications: An Overview. <i>Electroanalysis</i> , 2003 , 15, 329-346	3	72
17	Liquid-Liquid processes and kinetics in acoustically emulsified media. <i>Physical Chemistry Chemical Physics</i> , 2003 , 5, 1652-1656	3.6	12
16	Electrochemistry of immobilised redox droplets: Concepts and applications. <i>Physical Chemistry Chemical Physics</i> , 2003 , 5, 4053	3.6	164
15	Ultrasonic effects on the electro-reduction of oxygen at a glassy carbon anthraquinone-modified electrode. The Koutecky-Levich equation applied to insonated electro-catalytic reactions. <i>Physical Chemistry Chemical Physics</i> , 2003 , 5, 3988-3993	3.6	56
14	Sonoelectrochemistry in acoustically emulsified media. <i>Journal of Electroanalytical Chemistry</i> , 2002 , 535, 41-47	4.1	42
13	Sonoelectrochemistry Understood via Nanosecond Voltammetry: Sono-emulsions and the Measurement of the Potential of Zero Charge of a Solid Electrode. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 5810-5813	3.4	52
12	Voltammetry of Electroactive Oil Droplets: Electrochemically-Induced Ion Insertion, Expulsion and Reaction Processes at Microdroplets of N,N,N',N'-Tetraalkyl-para-phenylenediamines (TRPD, R = n-Butyl, n-Hexyl, n-Heptyl and n-Nonyl). <i>Journal of Physical Chemistry B</i> , 2002 , 106, 9619-9632	3.4	58
11	Surfactant-free emulsion electrosynthesis via power ultrasound: electrocatalytic formation of carbon-carbon bonds. <i>Green Chemistry</i> , 2002 , 4, 570-577	10	14
10	Structure and morphology of phthalocyanine films grown in electrical fields by vapor deposition. <i>Journal of Crystal Growth</i> , 2000 , 211, 308-312	1.6	14
9	Non-linear optothermal properties of metal-free phthalocyanine. <i>Thin Solid Films</i> , 1999 , 350, 245-248	2.2	33
8	2D MATERIALS		6
7	Twittering About Research: A Case Study of the World's First Twitter Poster Competition. <i>F1000Research</i> , 4 , 798	3.6	4
6	Electroanalytical overview: the electroanalytical sensing of hydrazine. <i>Sensors & Diagnostics</i> ,		5
5	Microelectrode Designs		137-168
			1

4	Electrochemical Overview: A Summary of ACoxMnyNizO2 and Metal Oxides as Versatile Cathode Materials for Metal-Ion Batteries. <i>Advanced Functional Materials</i> ,2107761	15.6	2
3	Electroanalytical overview: screen-printed electrochemical sensing platforms for the detection of vital cardiac, cancer and inflammatory biomarkers. <i>Sensors & Diagnostics</i> ,		2
2	A comparison of waste education in schools and colleges across five European cities. <i>International Journal of Sustainable Development and World Ecology</i> ,1-11	3.8	2
1	All-in-One Single-Print Additively Manufactured Electroanalytical Sensing Platforms. <i>ACS Measurement Science Au</i> ,		5