

Kevin C Honeychurch

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,536
citations

394421

19
h-index

315739

38
g-index

45
all docs

45
docs citations

45
times ranked

1607
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Screen-printed electrochemical sensors for monitoring metal pollutants. <i>TrAC - Trends in Analytical Chemistry</i> , 2003, 22, 456-469. | 11.4 | 254 |
| 2 | Some Recent Designs and Developments of Screen-Printed Carbon Electrochemical Sensors/Biosensors for Biomedical, Environmental, and Industrial Analyses. <i>Analytical Letters</i> , 2004, 37, 789-830. | 1.8 | 205 |
| 3 | Recent Advances in the Fabrication and Application of Screen-Printed Electrochemical (Bio)Sensors Based on Carbon Materials for Biomedical, Agri-Food and Environmental Analyses. <i>Biosensors</i> , 2016, 6, 50. | 4.7 | 95 |
| 4 | Voltammetric studies of lead at calixarene modified screen-printed carbon electrodes and its trace determination in water by stripping voltammetry. <i>Sensors and Actuators B: Chemical</i> , 2001, 77, 642-652. | 7.8 | 81 |
| 5 | Voltammetric studies of lead at a 1-(2-pyridylazo)-2-naphthol modified screen-printed carbon electrode and its trace determination in water by stripping voltammetry. <i>Analytica Chimica Acta</i> , 2001, 431, 89-99. | 5.4 | 77 |
| 6 | Voltammetric Behavior and Trace Determination of Lead at a Mercury-Free Screen-Printed Carbon Electrode. <i>Electroanalysis</i> , 2000, 12, 171-177. | 2.9 | 70 |
| 7 | Voltammetric behaviour and trace determination of copper at a mercury-free screen-printed carbon electrode. <i>Talanta</i> , 2002, 57, 565-574. | 5.5 | 67 |
| 8 | Anodic stripping voltammetric determination of zinc at a 3-D printed carbon nanofiber-graphite-polystyrene electrode using a carbon pseudo-reference electrode. <i>Sensors and Actuators B: Chemical</i> , 2018, 267, 476-482. | 7.8 | 62 |
| 9 | Voltammetric Behavior and Trace Determination of Cadmium at a Calixarene Modified Screen-Printed Carbon Electrode. <i>Electroanalysis</i> , 2002, 14, 177. | 2.9 | 48 |
| 10 | Screen-printed Electrochemical Sensors and Biosensors for Monitoring Metal Pollutants. <i>Insciences Journal</i> , 0, , 1-51. | 0.7 | 43 |
| 11 | Development of an electrochemical assay for 2,6-dinitrotoluene, based on a screen-printed carbon electrode, and its potential application in bioanalysis, occupational and public health. <i>Biosensors and Bioelectronics</i> , 2003, 19, 305-312. | 10.1 | 39 |
| 12 | Electrocatalytic behaviour of citric acid at a cobalt phthalocyanine-modified screen-printed carbon electrode and its application in pharmaceutical and food analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 3103-3111. | 3.7 | 38 |
| 13 | Voltammetric behaviour of DNA bases at a screen-printed carbon electrode and its application to a simple and rapid voltammetric method for the determination of oxidative damage in double stranded DNA. <i>Biosensors and Bioelectronics</i> , 2007, 22, 2057-2064. | 10.1 | 35 |
| 14 | The redox behaviour of diazepam (Valium®) using a disposable screen-printed sensor and its determination in drinks using a novel adsorptive stripping voltammetric assay. <i>Talanta</i> , 2013, 116, 300-307. | 5.5 | 35 |
| 15 | Recent progress in screen-printed electrochemical sensors and biosensors for the detection of estrogens. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 139, 116254. | 11.4 | 32 |
| 16 | Development of a voltammetric assay, using screen-printed electrodes, for clonazepam and its application to beverage and serum samples. <i>Talanta</i> , 2016, 147, 510-515. | 5.5 | 30 |
| 17 | Voltammetric Behavior of Nitrazepam and Its Determination in Serum Using Liquid Chromatography with Redox Mode Dual-Electrode Detection. <i>Analytical Chemistry</i> , 2006, 78, 416-423. | 6.5 | 24 |
| 18 | Voltammetric, chromatographic and mass spectral elucidation of the redox reactions of 1-hydroxypyrene occurring at a screen-printed carbon electrode. <i>Electrochimica Acta</i> , 2004, 49, 1141-1149. | 5.2 | 23 |

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|----|--|------|-----------|
| 19 | Determination of flunitrazepam and nitrazepam in beverage samples by liquid chromatography with dual electrode detection using a carbon fibre veil electrode. <i>Journal of Solid State Electrochemistry</i> , 2008, 12, 1317-1324. | 2.5 | 23 |
| 20 | The voltammetric behaviour of lead at a hand drawn pencil electrode and its trace determination in water by stripping voltammetry. <i>Analytical Methods</i> , 2015, 7, 2437-2443. | 2.7 | 23 |
| 21 | The voltammetric behaviour of lead at a microband screen-printed carbon electrode and its determination in acetate leachates from glazed ceramic plates. <i>Talanta</i> , 2011, 84, 717-723. | 5.5 | 20 |
| 22 | Review of Electroanalytical-Based Approaches for the Determination of Benzodiazepines. <i>Biosensors</i> , 2019, 9, 130. | 4.7 | 19 |
| 23 | Determination of Malachite Green in Aquaculture Water by Adsorptive Stripping Voltammetry. <i>Analytical Letters</i> , 2016, 49, 1436-1451. | 1.8 | 18 |
| 24 | Alpha-synuclein ferrireductase activity is detectible in vivo, is altered in Parkinson's disease and increases the neurotoxicity of DOPAL. <i>Molecular and Cellular Neurosciences</i> , 2017, 85, 1-11. | 2.2 | 18 |
| 25 | Chapter 23 Screen-printed electrochemical (bio)sensors in biomedical, environmental and industrial applications. <i>Comprehensive Analytical Chemistry</i> , 2007, 49, 497-557. | 1.3 | 17 |
| 26 | Review: The Application of Liquid Chromatography Electrochemical Detection for the Determination of Drugs of Abuse. <i>Separations</i> , 2016, 3, 28. | 2.4 | 16 |
| 27 | Electrochemical (Bio) Sensors for Environmental and Food Analyses. <i>Biosensors</i> , 2018, 8, 57. | 4.7 | 15 |
| 28 | Electrochemical Detection of Benzodiazepines, Following Liquid Chromatography, for Applications in Pharmaceutical, Biomedical and Forensic Investigations. <i>Insciences Journal</i> , 0, , 1-18. | 0.7 | 15 |
| 29 | Voltammetric behaviour of hydrogen peroxide at a silver electrode fabricated from a rewritable digital versatile disc (DVD) and its determination in water samples. <i>Analytical Methods</i> , 2013, 5, 6631. | 2.7 | 14 |
| 30 | Novel reductive-reductive mode electrochemical detection of Rohypnol following liquid chromatography and its determination in coffee. <i>Analytica Chimica Acta</i> , 2015, 853, 222-227. | 5.4 | 14 |
| 31 | Cheap and disposable gold and silver electrodes: Trends in the application of compact discs and digital versatile discs for electroanalytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 93, 51-66. | 11.4 | 10 |
| 32 | Novel electrode reactions of diazepam, flunitrazepam and lorazepam and their exploitation in a new redox mode LC-DED assay for serum. <i>Analytical Methods</i> , 2012, 4, 132-140. | 2.7 | 9 |
| 33 | Direct thermal desorption gas chromatographic determination of toxicologically relevant concentrations of ethylene glycol in whole blood. <i>Analyst, The</i> , 2018, 143, 963-969. | 3.5 | 7 |
| 34 | Trace Voltammetric Determination of Lead at a Recycled Battery Carbon Rod Electrode. <i>Sensors</i> , 2019, 19, 770. | 3.8 | 7 |
| 35 | A simple and rapid method for the determination of nicotine in third-hand smoke by liquid chromatography and its application for the assessment of contaminated outdoor communal areas. <i>Drug Testing and Analysis</i> , 2016, 8, 676-681. | 2.6 | 6 |
| 36 | Liquid Chromatography Electrochemical Determination of Nicotine in Third-Hand Smoke. <i>Electroanalysis</i> , 2017, 29, 374-379. | 2.9 | 6 |

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|----|--|-----|-----------|
| 37 | Smartphone-based colorimetric determination of gamma-butyrolactone and gamma-hydroxybutyrate in alcoholic beverage samples. <i>Journal of Forensic Sciences</i> , 2022, 67, 1697-1703. | 1.6 | 6 |
| 38 | Voltammetric Behaviour of Rhodamine B at a Screen-Printed Carbon Electrode and Its Trace Determination in Environmental Water Samples. <i>Sensors</i> , 2022, 22, 4631. | 3.8 | 5 |
| 39 | Analytical Approaches and Trends in the Determination of Psychoactive Drugs in Air. <i>Sci</i> , 2022, 4, 1. | 3.0 | 4 |
| 40 | Illicit drug contamination of the Bristol pound local currency. <i>Forensic Science International</i> , 2020, 316, 110469. | 2.2 | 3 |
| 41 | Sensors for Environmental Monitoring and Food Safety. <i>Biosensors</i> , 2022, 12, 366. | 4.7 | 2 |
| 42 | Extraction-Free, Direct Determination of Caffeine in Microliter Volumes of Beverages by Thermal Desorption-Gas Chromatography Mass Spectrometry. <i>International Journal of Analytical Chemistry</i> , 2020, 2020, 1-7. | 1.0 | 1 |
| 43 | Forensic electrochemical presumptive blood test based on the voltammetric behaviour of methylene blue and whole blood. <i>Analytical Methods</i> , 2021, 13, 4985-4993. | 2.7 | 0 |