

Dimitrios K Kampouris

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

3,094
citations

218381

26
h-index

377514

34
g-index

34
all docs

34
docs citations

34
times ranked

4510
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | An overview of graphene in energy production and storage applications. <i>Journal of Power Sources</i> , 2011, 196, 4873-4885. | 4.0 | 819 |
| 2 | Graphene electrochemistry: fundamental concepts through to prominent applications. <i>Chemical Society Reviews</i> , 2012, 41, 6944. | 18.7 | 540 |
| 3 | Electrochemistry of graphene: not such a beneficial electrode material?. <i>RSC Advances</i> , 2011, 1, 978. | 1.7 | 217 |
| 4 | Exploring the physicoelectrochemical properties of graphene. <i>Chemical Communications</i> , 2010, 46, 8986. | 2.2 | 127 |
| 5 | Graphite screen printed electrodes for the electrochemical sensing of chromium(vi). <i>Analyst, The</i> , 2010, 135, 1947. | 1.7 | 97 |
| 6 | 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. | 5.2 | 88 |
| 7 | Graphene Electrochemistry: Surfactants Inherent to Graphene Can Dramatically Effect Electrochemical Processes. <i>Electroanalysis</i> , 2011, 23, 894-899. | 1.5 | 85 |
| 8 | Paper-based electroanalytical sensing platforms. <i>Analytical Methods</i> , 2013, 5, 103-110. | 1.3 | 85 |
| 9 | Facile synthetic fabrication of iron oxide particles and novel hydrogen superoxide supercapacitors. <i>RSC Advances</i> , 2012, 2, 6672. | 1.7 | 81 |
| 10 | A new approach for the improved interpretation of capacitance measurements for materials utilised in energy storage. <i>RSC Advances</i> , 2015, 5, 12782-12791. | 1.7 | 79 |
| 11 | 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. | 1.5 | 72 |
| 12 | 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. | 1.7 | 71 |
| 13 | Ultraflexible Screen-Printed Graphitic Electroanalytical Sensing Platforms. <i>Electroanalysis</i> , 2014, 26, 262-274. | 1.5 | 69 |
| 14 | Rapid and Portable Electrochemical Quantification of Phosphorus. <i>Analytical Chemistry</i> , 2015, 87, 4269-4274. | 3.2 | 61 |
| 15 | Next generation screen printed electrochemical platforms: Non-enzymatic sensing of carbohydrates using copper(ii) oxide screen printed electrodes. <i>Analytical Methods</i> , 2009, 1, 183. | 1.3 | 57 |
| 16 | Disposable highly ordered pyrolytic graphite-like electrodes: Tailoring the electrochemical reactivity of screen printed electrodes. <i>Electrochemistry Communications</i> , 2010, 12, 6-9. | 2.3 | 50 |
| 17 | Screen printed electrochemical platforms for pH sensing. <i>Analytical Methods</i> , 2009, 1, 25. | 1.3 | 45 |
| 18 | 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. | 1.3 | 45 |

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|----|--|-----|-----------|
| 19 | An improved electrochemical creatinine detection method via a Jaffe-based procedure. <i>Analyst, The</i> , 2013, 138, 6565. | 1.7 | 45 |
| 20 | Graphite Screen-Printed Electrodes Applied for the Accurate and Reagentless Sensing of pH. <i>Analytical Chemistry</i> , 2015, 87, 11666-11672. | 3.2 | 44 |
| 21 | A Critical Review of the Electrocatalysis Reported at C ₆₀ Modified Electrodes. <i>Electroanalysis</i> , 2008, 20, 1507-1512. | 1.5 | 41 |
| 22 | 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. | 1.7 | 41 |
| 23 | Electrochemistry of Q-Graphene. <i>Nanoscale</i> , 2012, 4, 6470. | 2.8 | 40 |
| 24 | Disposable Bismuth Oxide Screen Printed Electrodes for the Sensing of Zinc in Seawater. <i>Electroanalysis</i> , 2010, 22, 1455-1459. | 1.5 | 38 |
| 25 | 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. | 1.5 | 36 |
| 26 | Nickel oxide screen printed electrodes for the sensing of hydroxide ions in aqueous solutions. <i>Analytical Methods</i> , 2010, 2, 1152. | 1.3 | 27 |
| 27 | 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. | 1.7 | 20 |
| 28 | Gold Nanoparticle Ensembles Allow Mechanistic Insights into Electrochemical Processes. <i>ChemPhysChem</i> , 2010, 11, 875-879. | 1.0 | 18 |
| 29 | The underlying electrode causes the reported "electro-catalysis" observed at C ₆₀ -modified glassy carbon electrodes in the case of N-(4-hydroxyphenyl)ethanamide and salbutamol. <i>Electrochimica Acta</i> , 2008, 53, 5885-5890. | 2.6 | 16 |
| 30 | Misinterpretations of the electro-catalysis observed at C ₆₀ modified glassy carbon electrodes for the determination of Atenolol. <i>Electrochemistry Communications</i> , 2008, 10, 1633-1635. | 2.3 | 14 |
| 31 | Graphene electroanalysis: Inhibitory effects in the stripping voltammetry of cadmium with surfactant free graphene. <i>Analyst, The</i> , 2012, 137, 420-423. | 1.7 | 13 |
| 32 | High throughput screening of lead utilising disposable screen printed shallow recessed microelectrode arrays. <i>Analyst, The</i> , 2010, 135, 76-79. | 1.7 | 9 |
| 33 | Fingerprinting Breath: Electrochemical Monitoring of Markers Indicative of Bacteria <i>Mycobacterium tuberculosis</i> Infection. <i>Journal of the Brazilian Chemical Society</i> , 2014, , | 0.6 | 2 |