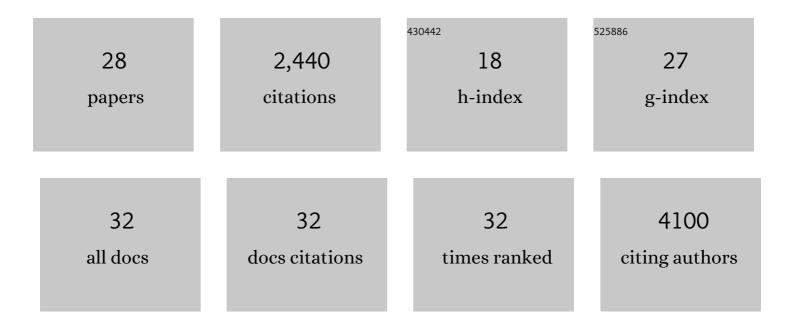
Edward P Randviir

List of Publications by Year in descending order

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ΕΠΙΛΟΝΟ Β ΒΑΝΙΛΟ

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Five years of the #RSCPoster Twitter conference. Chemical Communications, 2020, 56, 13681-13688. | 2.2 | 4 |
| 2 | The preparation of hydroxyapatite from unrefined calcite residues and its application for lead removal from aqueous solutions. RSC Advances, 2019, 9, 4054-4062. | 1.7 | 13 |
| 3 | The physicochemical investigation of hydrothermally reduced textile waste and application within carbon-based electrodes. RSC Advances, 2019, 9, 11239-11252. | 1.7 | 11 |
| 4 | An overview of recent applications of reduced graphene oxide as a basis of electroanalytical sensing platforms. Applied Materials Today, 2018, 10, 218-226. | 2.3 | 255 |
| 5 | Graphene-Based Electrochemical Sensors. Springer Series on Chemical Sensors and Biosensors, 2018, , 141-164. | 0.5 | 2 |
| 6 | A cross examination of electron transfer rate constants for carbon screen-printed electrodes using Electrochemical Impedance Spectroscopy and cyclic voltammetry. Electrochimica Acta, 2018, 286, 179-186. | 2.6 | 172 |
| 7 | 2D Hexagonal Boron Nitride (2Dâ€hBN) Explored as a Potential Electrocatalyst for the Oxygen Reduction Reaction. Electroanalysis, 2017, 29, 622-634. | 1.5 | 50 |
| 8 | Incorporating Graphene into Fuel Cell Design. Nanoscience and Technology, 2016, , 293-312. | 1.5 | 0 |
| 9 | 2D Hexagonal Boron Nitride (2D-hBN) Explored for the Electrochemical Sensing of Dopamine. Analytical Chemistry, 2016, 88, 9729-9737. | 3.2 | 155 |
| 10 | Electrode substrate innovation for electrochemical detection in microchip electrophoresis. Electrophoresis, 2015, 36, 1845-1853. | 1.3 | 18 |
| 11 | A new approach for the improved interpretation of capacitance measurements for materials utilised in energy storage. RSC Advances, 2015, 5, 12782-12791. | 1.7 | 79 |
| 12 | The latest developments in the analytical sensing of methane. TrAC - Trends in Analytical Chemistry, 2015, 73, 146-157. | 5.8 | 37 |
| 13 | The latest developments in quantifying cyanide and hydrogen cyanide. TrAC - Trends in Analytical Chemistry, 2015, 64, 75-85. | 5.8 | 82 |
| 14 | Twittering About Research: A Case Study of the World's First Twitter Poster Competition. F1000Research, 2015, 4, 798. | 0.8 | 10 |
| 15 | Twittering About Research: A Case Study of the World's First Twitter Poster Competition. F1000Research, 2015, 4, 798. | 0.8 | 4 |
| 16 | The Oxygen Reduction Reaction at Graphene Modified Electrodes. Electroanalysis, 2014, 26, 76-83. | 1.5 | 49 |
| 17 | The fabrication, characterisation and electrochemical investigation of screen-printed graphene electrodes. Physical Chemistry Chemical Physics, 2014, 16, 4598. | 1.3 | 143 |
| 18 | Detection of creatinine: technologies for point-of-care determination of glomerular filtration. Bioanalysis, 2014, 6, 109-111. | 0.6 | 9 |

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Detection of theophylline utilising portable electrochemical sensors. Analyst, The, 2014, 139, 2000. | 1.7 | 28 |
| 20 | Screen-printed back-to-back electroanalytical sensors. Analyst, The, 2014, 139, 5339-5349. | 1.7 | 30 |
| 21 | A decade of graphene research: production, applications and outlook. Materials Today, 2014, 17, 426-432. | 8.3 | 519 |
| 22 | An improved electrochemical creatinine detection method via a Jaffe-based procedure. Analyst, The, 2013, 138, 6565. | 1.7 | 45 |
| 23 | Electrochemical impedance spectroscopy: an overview of bioanalytical applications. Analytical Methods, 2013, 5, 1098. | 1.3 | 504 |
| 24 | Electrochemical impedance spectroscopy versus cyclic voltammetry for the electroanalytical sensing of capsaicin utilising screen printed carbon nanotube electrodes. Analyst, The, 2013, 138, 2970. | 1.7 | 71 |
| 25 | Analytical methods for quantifying creatinine within biological media. Sensors and Actuators B: Chemical, 2013, 183, 239-252. | 4.0 | 64 |
| 26 | Electrochemistry of Q-Graphene. Nanoscale, 2012, 4, 6470. | 2.8 | 40 |
| 27 | Electrochemical measurement of the DNA bases adenine and guanine at surfactant-free graphene modified electrodes. RSC Advances, 2012, 2, 5800. | 1.7 | 34 |
| 28 | The application of electrochemical impedance spectroscopy to electrochemical sensor devices. SPR Electrochemistry, 0, , 186-205. | 0.7 | 0 |