

# Edward P Randviir

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1078134/publications.pdf>

Version: 2024-02-01

28  
papers

2,440  
citations

430442

18  
h-index

525886

27  
g-index

32  
all docs

32  
docs citations

32  
times ranked

4100  
citing authors

#	ARTICLE	IF	CITATIONS
1	Five years of the #RSCPoster Twitter conference. <i>Chemical Communications</i> , 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. <i>RSC Advances</i> , 2019, 9, 4054-4062.	1.7	13
3	The physicochemical investigation of hydrothermally reduced textile waste and application within carbon-based electrodes. <i>RSC Advances</i> , 2019, 9, 11239-11252.	1.7	11
4	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.	2.3	255
5	Graphene-Based Electrochemical Sensors. <i>Springer Series on Chemical Sensors and Biosensors</i> , 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. <i>Electrochimica Acta</i> , 2018, 286, 179-186.	2.6	172
7	2D Hexagonal Boron Nitride (2D-hBN) Explored as a Potential Electrocatalyst for the Oxygen Reduction Reaction. <i>Electroanalysis</i> , 2017, 29, 622-634.	1.5	50
8	Incorporating Graphene into Fuel Cell Design. <i>Nanoscience and Technology</i> , 2016, , 293-312.	1.5	0
9	2D Hexagonal Boron Nitride (2D-hBN) Explored for the Electrochemical Sensing of Dopamine. <i>Analytical Chemistry</i> , 2016, 88, 9729-9737.	3.2	155
10	Electrode substrate innovation for electrochemical detection in microchip electrophoresis. <i>Electrophoresis</i> , 2015, 36, 1845-1853.	1.3	18
11	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
12	The latest developments in the analytical sensing of methane. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 73, 146-157.	5.8	37
13	The latest developments in quantifying cyanide and hydrogen cyanide. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 64, 75-85.	5.8	82
14	Twittering About Research: A Case Study of the World's First Twitter Poster Competition. <i>F1000Research</i> , 2015, 4, 798.	0.8	10
15	Twittering About Research: A Case Study of the World's First Twitter Poster Competition. <i>F1000Research</i> , 2015, 4, 798.	0.8	4
16	The Oxygen Reduction Reaction at Graphene Modified Electrodes. <i>Electroanalysis</i> , 2014, 26, 76-83.	1.5	49
17	The fabrication, characterisation and electrochemical investigation of screen-printed graphene electrodes. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 4598.	1.3	143
18	Detection of creatinine: technologies for point-of-care determination of glomerular filtration. <i>Bioanalysis</i> , 2014, 6, 109-111.	0.6	9

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