

Dimitrios K Kampouris

List of Publications by Year in descending order

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33
papers

3,094
citations

218592

26
h-index

377752

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

#	ARTICLE	IF	CITATIONS
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