

Dimitrios K Kampouris

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33
papers

2,718
citations

25
h-index

34
g-index

34
ext. papers

2,891
ext. citations

6.3
avg, IF

5.31
L-index

#	Paper	IF	Citations
33	An overview of graphene in energy production and storage applications. <i>Journal of Power Sources</i> , 2011 , 196, 4873-4885	8.9	712
32	Graphene electrochemistry: fundamental concepts through to prominent applications. <i>Chemical Society Reviews</i> , 2012 , 41, 6944-76	58.5	497
31	Electrochemistry of graphene: not such a beneficial electrode material?. <i>RSC Advances</i> , 2011 , 1, 978	3.7	201
30	Exploring the physicoelectrochemical properties of graphene. <i>Chemical Communications</i> , 2010 , 46, 8986-88	3.8	118
29	Graphite screen printed electrodes for the electrochemical sensing of chromium(VI). <i>Analyst, The</i> , 2010 , 135, 1947-52	5	86
28	Paper-based electroanalytical sensing platforms. <i>Analytical Methods</i> , 2013 , 5, 103-110	3.2	79
27	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	13	79
26	Graphene Electrochemistry: Surfactants Inherent to Graphene Can Dramatically Effect Electrochemical Processes. <i>Electroanalysis</i> , 2011 , 23, 894-899	3	74
25	Facile synthetic fabrication of iron oxide particles and novel hydrogen superoxide supercapacitors. <i>RSC Advances</i> , 2012 , 2, 6672	3.7	65
24	A new approach for the improved interpretation of capacitance measurements for materials utilised in energy storage. <i>RSC Advances</i> , 2015 , 5, 12782-12791	3.7	64
23	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	3	59
22	Ultraflexible Screen-Printed Graphitic Electroanalytical Sensing Platforms. <i>Electroanalysis</i> , 2014 , 26, 262-274	3.74	58
21	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, 6185-91	5	56
20	Next generation screen printed electrochemical platforms: Non-enzymatic sensing of carbohydrates using screen printed electrodes. <i>Analytical Methods</i> , 2009 , 1, 183-187	3.2	53
19	Disposable highly ordered pyrolytic graphite-like electrodes: Tailoring the electrochemical reactivity of screen printed electrodes. <i>Electrochemistry Communications</i> , 2010 , 12, 6-9	5.1	47
18	Screen printed electrochemical platforms for pH sensing. <i>Analytical Methods</i> , 2009 , 1, 25-28	3.2	41
17	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	3.2	40

16	Rapid and portable electrochemical quantification of phosphorus. <i>Analytical Chemistry</i> , 2015 , 87, 4269-74.8	4.8	38
15	Electrochemistry of Q-graphene. <i>Nanoscale</i> , 2012 , 4, 6470-80	7.7	38
14	A Critical Review of the Electrocatalysis Reported at C60 Modified Electrodes. <i>Electroanalysis</i> , 2008 , 20, 1507-1512	3	38
13	An improved electrochemical creatinine detection method via a Jaffe-based procedure. <i>Analyst, The</i> , 2013 , 138, 6565-72	5	34
12	Graphite Screen-Printed Electrodes Applied for the Accurate and Reagentless Sensing of pH. <i>Analytical Chemistry</i> , 2015 , 87, 11666-72	7.8	34
11	Disposable Bismuth Oxide Screen Printed Electrodes for the Sensing of Zinc in Seawater. <i>Electroanalysis</i> , 2010 , 22, 1455-1459	3	34
10	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, 2301-5	5	33
9	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	3	32
8	Nickel oxide screen printed electrodes for the sensing of hydroxide ions in aqueous solutions. <i>Analytical Methods</i> , 2010 , 2, 1152	3.2	24
7	Gold nanoparticle ensembles allow mechanistic insights into electrochemical processes. <i>ChemPhysChem</i> , 2010 , 11, 875-9	3.2	18
6	Electrochemistry provides a point-of-care approach for the marker indicative of Pseudomonas aeruginosa infection of cystic fibrosis patients. <i>Analyst, The</i> , 2014 , 139, 3999-4004	5	15
5	The underlying electrode causes the reported electro-catalysis observed at C60-modified glassy carbon electrodes in the case of N-(4-hydroxyphenyl)ethanamide and salbutamol. <i>Electrochimica Acta</i> , 2008 , 53, 5885-5890	6.7	15
4	Graphene electroanalysis: inhibitory effects in the stripping voltammetry of cadmium with surfactant free graphene. <i>Analyst, The</i> , 2012 , 137, 420-3	5	13
3	Misinterpretations of the electro-catalysis observed at C60 modified glassy carbon electrodes for the determination of Atenolol. <i>Electrochemistry Communications</i> , 2008 , 10, 1633-1635	5.1	12
2	High throughput screening of lead utilising disposable screen printed shallow recessed microelectrode arrays. <i>Analyst, The</i> , 2010 , 135, 76-9	5	8
1	Fingerprinting Breath: Electrochemical Monitoring of Markers Indicative of Bacteria Mycobacterium tuberculosis infection. <i>Journal of the Brazilian Chemical Society</i> , 2014 ,	1.5	2