

John P Hart

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,582
citations

331670

21
h-index

454955

30
g-index

30
all docs

30
docs citations

30
times ranked

1633
citing authors

#	ARTICLE	IF	CITATIONS
1	Screen-printed electrochemical sensors for monitoring metal pollutants. <i>TrAC - Trends in Analytical Chemistry</i> , 2003, 22, 456-469.	11.4	254
2	Some Recent Designs and Developments of Screen-Printed Carbon Electrochemical Sensors/Biosensors for Biomedical, Environmental, and Industrial Analyses. <i>Analytical Letters</i> , 2004, 37, 789-830.	1.8	205
3	Voltammetric and amperometric studies of thiocholine at a screen-printed carbon electrode chemically modified with cobalt phthalocyanine: studies towards a pesticide sensor. <i>Analyst, The</i> , 1994, 119, 259.	3.5	114
4	Recent Advances in the Fabrication and Application of Screen-Printed Electrochemical (Bio)Sensors Based on Carbon Materials for Biomedical, Agri-Food and Environmental Analyses. <i>Biosensors</i> , 2016, 6, 50.	4.7	95
5	A novel, disposable, screen-printed amperometric biosensor for glucose in serum fabricated using a water-based carbon ink. <i>Biosensors and Bioelectronics</i> , 2005, 21, 712-718.	10.1	93
6	Towards the development of molecularly imprinted polymer based screen-printed sensors for metabolites of PAHs. <i>Analyst, The</i> , 2001, 126, 1936-1941.	3.5	84
7	Voltammetric behaviour of screen-printed carbon electrodes, chemically modified with selected mediators, and their application as sensors for the determination of reduced glutathione. <i>Analyst, The</i> , 1991, 116, 123.	3.5	70
8	Voltammetric Behavior and Trace Determination of Lead at a Mercury-Free Screen-Printed Carbon Electrode. <i>Electroanalysis</i> , 2000, 12, 171-177.	2.9	70
9	Voltammetric behaviour and trace determination of copper at a mercury-free screen-printed carbon electrode. <i>Talanta</i> , 2002, 57, 565-574.	5.5	67
10	Evaluation of a new disposable screen-printed sensor strip for the measurement of NADH and its modification to produce a lactate biosensor employing microliter volumes. <i>Electroanalysis</i> , 1996, 8, 539-543.	2.9	48
11	Voltammetric and amperometric studies of selected thiols and dimethyldisulfide using a screen-printed carbon electrode modified with cobalt phthalocyanine: Studies towards a gas sensor. <i>Electroanalysis</i> , 1996, 8, 1006-1013.	2.9	48
12	Amino Acid Determination Using Screen-Printed Electrochemical Sensors. <i>Mikrochimica Acta</i> , 2005, 150, 233-238.	5.0	38
13	Electrocatalytic behaviour of citric acid at a cobalt phthalocyanine-modified screen-printed carbon electrode and its application in pharmaceutical and food analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 3103-3111.	3.7	38
14	Development of a simple, low cost chronoamperometric assay for fructose based on a commercial graphite-nanoparticle modified screen-printed carbon electrode. <i>Food Chemistry</i> , 2018, 241, 122-126.	8.2	36
15	Voltammetric behaviour of DNA bases at a screen-printed carbon electrode and its application to a simple and rapid voltammetric method for the determination of oxidative damage in double stranded DNA. <i>Biosensors and Bioelectronics</i> , 2007, 22, 2057-2064.	10.1	35
16	Voltammetric and photoelectron spectral elucidation of the electrocatalytic oxidation of hydrogen peroxide at screen-printed carbon electrodes chemically modified with cobalt phthalocyanine. <i>Electroanalysis</i> , 1995, 7, 547-555.	2.9	33
17	Development of a voltammetric assay, using screen-printed electrodes, for clonazepam and its application to beverage and serum samples. <i>Talanta</i> , 2016, 147, 510-515.	5.5	30
18	Fabrication and Evaluation of a Micro(Bio)Sensor Array Chip for Multiple Parallel Measurements of Important Cell Biomarkers. <i>Sensors</i> , 2014, 14, 20519-20532.	3.8	29

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19	Voltammetric, chromatographic and mass spectral elucidation of the redox reactions of 1-hydroxypyrene occurring at a screen-printed carbon electrode. <i>Electrochimica Acta</i> , 2004, 49, 1141-1149.	5.2	23
20	Determination of flunitrazepam and nitrazepam in beverage samples by liquid chromatography with dual electrode detection using a carbon fibre veil electrode. <i>Journal of Solid State Electrochemistry</i> , 2008, 12, 1317-1324.	2.5	23
21	Voltammetric behaviour of vitamin B1(thiamine) at a glassy carbon electrode and its determination in multivitamin tablets using anion-exchange liquid chromatography with amperometric detection under basic conditions. <i>Analyst, The</i> , 1995, 120, 1059.	3.5	21
22	The voltammetric behaviour of lead at a microband screen-printed carbon electrode and its determination in acetate leachates from glazed ceramic plates. <i>Talanta</i> , 2011, 84, 717-723.	5.5	20
23	Alpha-synuclein ferrireductase activity is detectible in vivo, is altered in Parkinson's disease and increases the neurotoxicity of DOPAL. <i>Molecular and Cellular Neurosciences</i> , 2017, 85, 1-11.	2.2	18
24	Chapter 23 Screen-printed electrochemical (bio)sensors in biomedical, environmental and industrial applications. <i>Comprehensive Analytical Chemistry</i> , 2007, 49, 497-557.	1.3	17
25	Application of screen-printed microband biosensors incorporated with cells to monitor metabolic effects of potential environmental toxins. <i>Mikrochimica Acta</i> , 2010, 170, 321-330.	5.0	17
26	Studies towards an amperometric phosphate ion biosensor for urine and water analysis. <i>Mikrochimica Acta</i> , 2010, 170, 331-336.	5.0	16
27	Amperometric Screen-Printed Galactose Biosensor for Cell Toxicity Applications. <i>Analytical Letters</i> , 2016, 49, 236-244.	1.8	16
28	Novel reductive mode electrochemical detection of Rohypnol following liquid chromatography and its determination in coffee. <i>Analytica Chimica Acta</i> , 2015, 853, 222-227.	5.4	14
29	An Electrocatalytic Screen-Printed Amperometric Sensor for the Selective Measurement of Thiamine (Vitamin B1) in Food Supplements. <i>Biosensors</i> , 2019, 9, 98.	4.7	5
30	Studies Towards the Development of a Novel, Screen-Printed Carbon-Based, Biosensor for the Measurement of Polyunsaturated Fatty Acids. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7779.	2.5	5