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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.

34 papers	700 citations	13 h-index	26 g-index
35 ext. papers	825 ext. citations	4.2 avg, IF	4.15 L-index

#	Paper	IF	Citations
34	3D printing for electroanalysis: From multiuse electrochemical cells to sensors. <i>Analytica Chimica Acta</i> , 2018 , 1033, 49-57	6.6	125
33	Rapid and selective determination of hydrogen peroxide residues in milk by batch injection analysis with amperometric detection. <i>Food Chemistry</i> , 2012 , 133, 200-204	8.5	109
32	Combination of screen-printed electrodes and batch injection analysis: A simple, robust, high-throughput, and portable electrochemical system. <i>Sensors and Actuators B: Chemical</i> , 2014 , 202, 93-98	8.5	60
31	3D-printed flexible device combining sampling and detection of explosives. <i>Sensors and Actuators B: Chemical</i> , 2019 , 292, 308-313	8.5	54
30	Batch injection analysis with amperometric detection: application for simultaneous analysis using a single working electrode. <i>Analytical Methods</i> , 2011 , 3, 2804	3.2	46
29	A Simple Strategy for Simultaneous Determination of Paracetamol and Caffeine Using Flow Injection Analysis with Multiple Pulse Amperometric Detection. <i>Electroanalysis</i> , 2011 , 23, 2764-2770	3	40
28	A Simple Strategy to Improve the Accuracy of the Injection Step in Batch Injection Analysis Systems with Amperometric Detection. <i>Electroanalysis</i> , 2012 , 24, 1805-1810	3	25
27	3D Pen: A low-cost and portable tool for manufacture of 3D-printed sensors. <i>Sensors and Actuators B: Chemical</i> , 2020 , 321, 128528	8.5	22
26	Graphite-Composite Electrodes Bulk-Modified with (BiO)2CO3 and Bi2O3 Plates-Like Nanostructures for Trace Metal Determination by Anodic Stripping Voltammetry. <i>Electroanalysis</i> , 2013 , 25, 765-770	3	22
25	3D-printing pen versus desktop 3D-printers: Fabrication of carbon black/polylactic acid electrodes for single-drop detection of 2,4,6-trinitrotoluene. <i>Analytica Chimica Acta</i> , 2020 , 1132, 10-19	6.6	21
24	On-Site Determination of Carbendazim, Cathecol and Hydroquinone in Tap Water Using a Homemade Batch Injection Analysis Cell for Screen Printed Electrodes. <i>Electroanalysis</i> , 2015 , 27, 271-273	3	17
23	Biochar: A Low-cost Electrode Modifier for Electrocatalytic, Sensitive and Selective Detection of Similar Organic Compounds. <i>Electroanalysis</i> , 2018 , 30, 2233-2236	3	16
22	Simple and Fast Determination of Warfarin in Pharmaceutical Samples Using Boron-doped Diamond Electrode in BIA and FIA Systems with Multiple Pulse Amperometric Detection. <i>Electroanalysis</i> , 2017 , 29, 2340-2347	3	15
21	Electrochemical detection of the synthetic cathinone 3,4-methylenedioxypyrovalerone using carbon screen-printed electrodes: A fast, simple and sensitive screening method for forensic samples. <i>Electrochimica Acta</i> , 2020 , 354, 136728	6.7	13
20	Three electrode electrochemical microfluidic cell: construction and characterization. <i>Journal of the Brazilian Chemical Society</i> , 2009 , 20, 1235-1241	1.5	13
19	Selective Determination of Verapamil in Pharmaceuticals and Urine Using a Boron-doped Diamond Electrode Coupled to Flow Injection Analysis with Multiple-pulse Amperometric Detection. <i>Electroanalysis</i> , 2018 , 30, 1880-1885	3	11
18	Three-Electrode-Integrated Sensor into a Micropipette Tip. <i>Electroanalysis</i> , 2010 , 22, 2167-2171	3	11

17	Fast and Selective Simultaneous Determination of Acetaminophen, Aspirin and Caffeine in Pharmaceutical Products by Batch Injection Analysis with Multiple Pulse Amperometric Detection. <i>Electroanalysis</i> , 2018 , 30, 296-303	3	10
16	Modified-screen printed electrode in flow system for measuring the electroactivity of nanoparticles towards alcohol electrooxidation. <i>Journal of Electroanalytical Chemistry</i> , 2017 , 789, 38-43	4.1	9
15	Liquid-liquid Extraction Coupled to Batch Injection Analysis for Electroanalysis of Levofloxacin at Low Concentration Level. <i>Electroanalysis</i> , 2017 , 29, 2559-2564	3	8
14	Development of a Simple and Fast Electrochemical Method to Evaluate Physical Stress in Athletes. <i>Electroanalysis</i> , 2011 , 23, 2601-2606	3	8
13	Multi sensor compatible 3D-printed electrochemical cell for voltammetric drug screening. <i>Analytica Chimica Acta</i> , 2021 , 1169, 338568	6.6	8
12	Batch Injection Analysis-Multiple Pulse Amperometric Fingerprint: A Simple Approach for Fast On-site Screening of Drugs. <i>Electroanalysis</i> , 2017 , 29, 2847-2854	3	7
11	Desenvolvimento, caracterização e aplicação eletroanalítica de um composto fluido de adesivo epóxi, grafite e ciclo-hexanona. <i>Química Nova</i> , 2010 , 33, 1398-1402	1.6	5
10	Fast Screening and Determination of Tadalafil in Pharmaceuticals by Batch Injection Analysis (BIA) with Amperometric Detection. <i>Electroanalysis</i> , 2020 , 32, 2253-2259	3	5
9	Development of highly sensitive electrochemical sensor using new graphite/acrylonitrile butadiene styrene conductive composite and 3D printing-based alternative fabrication protocol. <i>Analytica Chimica Acta</i> , 2021 , 1167, 338566	6.6	5
8	Determinação de peróxido de hidrogênio em antisséptico bucal usando um microdispositivo contendo partículas de Azul da Prússia. <i>Química Nova</i> , 2011 , 34, 987-991	1.6	3
7	A new electrochemical sensor based on eco-friendly chemistry for the simultaneous determination of toxic trace elements. <i>Microchemical Journal</i> , 2020 , 158, 105292	4.8	3
6	Fast on-site screening of 3,4-methylenedioxyethylamphetamine (MDEA) in forensic samples using carbon screen-printed electrode and square wave voltammetry. <i>Electrochimica Acta</i> , 2021 , 139599	6.7	2
5	Voltammetric sensing of glyphosate in different samples using carbon paste electrode modified with biochar and copper(II) hexadecafluoro-29H,31 phthalocyanine complex. <i>Journal of Applied Electrochemistry</i> , 2021 , 51, 761-768	2.6	2
4	Determination of Colchicine in Pharmaceutical Formulations and Urine by Multiple-Pulse Amperometric Detection in an FIA System Using Boron-Doped Diamond Electrode. <i>Journal of the Brazilian Chemical Society</i> , 2018 ,	1.5	2
3	Cloud-point extraction associated with voltammetry: preconcentration and elimination of the sample matrix for trace determination of methyl parathion in honey. <i>Analytical Methods</i> , 2020 , 12, 5801-5814	3.3	1
2	A versatile user-friendly electrochemical cell with three 3D-pen-printed electrodes in a tiny micropipette tip. <i>Sensors and Actuators B: Chemical</i> , 2022 , 360, 131650	8.5	1
1	A novel 3D-printed batch injection analysis (BIA) cell coupled to paper-based electrochemical devices: a cheap and reliable analytical system for fast on-site analysis. <i>Microchemical Journal</i> , 2022 , 107663	4.8	0