

Rodrigo A A Munoz

List of Publications by Year in descending order

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261
papers

7,822
citations

57681

46
h-index

107981

68
g-index

262
all docs

262
docs citations

262
times ranked

5567
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensing Materials: Graphene. , 2023, , 367-388.		2
2	Sensing Materials: Electrochemical Sensors Enabled by 3D Printing. , 2023, , 73-88.		2
3	Batch injection analysis with amperometric detection for fluoroquinolone determination in urine, pharmaceutical formulations, and milk samples using a reduced graphene oxideâ€”modified glassy carbon electrode. Analytical and Bioanalytical Chemistry, 2022, 414, 5309-5318.	1.9	7
4	Synthesis and characterization of cellulose acetate from cellophane industry residues. Application as acetaminophen controlled-release membranes. Journal of Thermal Analysis and Calorimetry, 2022, 147, 7265-7275.	2.0	3
5	Posttreatment of 3Dâ€”printed surfaces for electrochemical applications: A critical review on proposed protocols. Electrochemical Science Advances, 2022, 2, e2100136.	1.2	26
6	Amperometric Detection for Bioanalysis. , 2022, , 253-264.		1
7	Simple and fast batch injection analysis method for monitoring diuron herbicide residues in juice and tap water samples using reduced graphene oxide sensor. Journal of Food Composition and Analysis, 2022, 106, 104284.	1.9	14
8	Fast on-site screening of 3,4-methylenedioxyethylamphetamine (MDEA) in forensic samples using carbon screen-printed electrode and square wave voltammetry. Electrochimica Acta, 2022, 403, 139599.	2.6	5
9	Electrochemical determination of several biofuel antioxidants in biodiesel and biokerosene using polylactic acid loaded with carbon black within 3D-printed devices. Mikrochimica Acta, 2022, 189, 57.	2.5	6
10	Portable amperometric method for selective determination of caffeine in samples with the presence of interfering electroactive chemical species. Journal of Electroanalytical Chemistry, 2022, 906, 116006.	1.9	9
11	New conductive filament ready-to-use for 3D-printing electrochemical (bio)sensors: Towards the detection of SARS-CoV-2. Analytica Chimica Acta, 2022, 1191, 339372.	2.6	62
12	Selective Electrochemical Detection of Catechin Compounds in Herbal Medicines. Journal of the Electrochemical Society, 2022, 169, 017516.	1.3	8
13	Electrochemical (Bio)Sensors Enabled by Fused Deposition Modeling-Based 3D Printing: A Guide to Selecting Designs, Printing Parameters, and Post-Treatment Protocols. Analytical Chemistry, 2022, 94, 6417-6429.	3.2	72
14	Affordable equipment to fabricate laser-induced graphene electrodes for portable electrochemical sensing. Mikrochimica Acta, 2022, 189, 185.	2.5	11
15	Carbon-Black Integrated Polylactic Acid Electrochemical Sensor for Chloramphenicol Determination in Milk and Water Samples. Journal of the Electrochemical Society, 2022, 169, 047517.	1.3	12
16	Prussian blue-modified laser-induced graphene platforms for detection of hydrogen peroxide. Mikrochimica Acta, 2022, 189, 188.	2.5	15
17	3D-printed carbon black/polylactic acid electrochemical sensor combined with batch injection analysis: A cost-effective and portable tool for naproxen sensing. Microchemical Journal, 2022, 180, 107565.	2.3	18
18	Additively manufactured electrodes for the electrochemical detection of hydroxychloroquine. Talanta, 2022, 250, 123727.	2.9	6

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19	Oxidative stability and corrosivity of biodiesel produced from residual cooking oil exposed to copper and carbon steel under simulated storage conditions: Dual effect of antioxidants. <i>Renewable Energy</i> , 2021, 164, 1485-1495.	4.3	14
20	A Batch Injection Analysis System with Square-wave Voltammetric Detection for Fast and Simultaneous Determination of Zinc and Ascorbic Acid. <i>Electroanalysis</i> , 2021, 33, 90-96.	1.5	3
21	Fast and portable voltammetric method for the determination of the amphetamine adulterant ephedrine in natural over-the-counter weight-loss products. <i>Microchemical Journal</i> , 2021, 160, 105757.	2.3	10
22	Multifunctional spinel MnCo_2O_4 based materials for energy storage and conversion: a review on emerging trends, recent developments and future perspectives. <i>Journal of Materials Chemistry A</i> , 2021, 9, 3095-3124.	5.2	88
23	Recent trends and perspectives in electrochemical sensors based on MOF-derived materials. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8718-8745.	2.7	100
24	Feasible strategies to promote the sensing performances of spinel MCo_2O_4 (M) Tj ETQq0 0 0 rgBT /Overlock 1 2021, 9, 7852-7887.	2.7	43
25	3D-printing for forensic chemistry: voltammetric determination of cocaine on additively manufactured graphene-poly(lactic acid) electrodes. <i>Analytical Methods</i> , 2021, 13, 1788-1794.	1.3	21
26	Simple and rapid voltammetric method for the detection of the synthetic adulterant fluoxetine in weight loss products. <i>Journal of Electroanalytical Chemistry</i> , 2021, 882, 115028.	1.9	8
27	Al_2O_3 microparticles immobilized on glassy-carbon electrode as catalytic sites for the electrochemical oxidation and high detectability of naproxen: Experimental and simulation insights. <i>Journal of Electroanalytical Chemistry</i> , 2021, 882, 114988.	1.9	13
28	Development of conductive inks for electrochemical sensors and biosensors. <i>Microchemical Journal</i> , 2021, 164, 105998.	2.3	81
29	Biosensing strategies for the electrochemical detection of viruses and viral diseases – A review. <i>Analytica Chimica Acta</i> , 2021, 1159, 338384.	2.6	73
30	A 3D Printer Guide for the Development and Application of Electrochemical Cells and Devices. <i>Frontiers in Chemistry</i> , 2021, 9, 684256.	1.8	31
31	Use of reduced graphene oxide for sensitive determination of sulfanilamide in synthetic biological fluids and environmental samples by batch injection analysis. <i>Journal of Electroanalytical Chemistry</i> , 2021, 892, 115298.	1.9	16
32	Promising Applications of Additive-Manufactured (3D-printed) Electrochemical Sensors for Forensic Chemistry. <i>Brazilian Journal of Analytical Chemistry</i> , 2021, , .	0.3	1
33	3D-printing in forensic electrochemistry: Atropine determination in beverages using an additively manufactured graphene-poly(lactic acid) electrode. <i>Microchemical Journal</i> , 2021, 167, 106324.	2.3	26
34	An indirect electrochemical method for aqueous sulfide determination in freshwaters using a palladium chelate as a selective sensor. <i>Talanta</i> , 2021, 231, 122413.	2.9	5
35	Simple and rapid electrochemical detection of 1-benzylpiperazine on carbon screen-printed electrode. <i>Microchemical Journal</i> , 2021, 167, 106282.	2.3	15
36	Identification of Substances Produced by <i>Cercospora brachiata</i> in Absence of Light and Evaluation of Antibacterial Activity. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 680.	1.5	4

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37	Electrochemical methods for the determination of antibiotic residues in milk: A critical review. <i>Analytica Chimica Acta</i> , 2021, 1173, 338569.	2.6	59
38	Development of a simple and rapid screening method for the detection of 1-(3-chlorophenyl)piperazine in forensic samples. <i>Talanta</i> , 2021, 233, 122597.	2.9	11
39	Reactive oxygen plasma treatment of 3D-printed carbon electrodes towards high-performance electrochemical sensors. <i>Sensors and Actuators B: Chemical</i> , 2021, 347, 130651.	4.0	28
40	Reagentless and sub-minute laser-scribing treatment to produce enhanced disposable electrochemical sensors via additive manufacture. <i>Chemical Engineering Journal</i> , 2021, 425, 130594.	6.6	41
41	Additively manufactured carbon/black-integrated polylactic acid 3D printed sensor for simultaneous quantification of uric acid and zinc in sweat. <i>Mikrochimica Acta</i> , 2021, 188, 388.	2.5	13
42	An Environmentally Friendly Three-Dimensional Printed Graphene-Integrated Polylactic Acid Electrochemical Sensor for the Quality Control of Biofuels. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 16052-16062.	3.2	7
43	Adsorptive stripping voltammetric determination of chloramphenicol residues in milk samples using reduced graphene oxide sensor. <i>Analytical Methods</i> , 2021, 13, 5711-5718.	1.3	6
44	Investigation of midazolam electro-oxidation on boron doped diamond electrode by voltammetric techniques and density functional theory calculations: Application in beverage samples. <i>Talanta</i> , 2020, 207, 120319.	2.9	10
45	Improved anodic stripping voltammetric detection of zinc on a disposable screen-printed gold electrode. <i>Ionics</i> , 2020, 26, 2611-2621.	1.2	13
46	Electrochemical detection of 2,4,6-trinitrotoluene on carbon nanotube modified electrode: Effect of acid functionalization. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 121-129.	1.2	19
47	3D-Printed graphene/polylactic acid electrode for bioanalysis: Biosensing of glucose and simultaneous determination of uric acid and nitrite in biological fluids. <i>Sensors and Actuators B: Chemical</i> , 2020, 307, 127621.	4.0	142
48	3D printing pen using conductive filaments to fabricate affordable electrochemical sensors for trace metal monitoring. <i>Journal of Electroanalytical Chemistry</i> , 2020, 876, 114701.	1.9	27
49	3D-printed reduced graphene oxide/polylactic acid electrodes: A new prototyped platform for sensing and biosensing applications. <i>Biosensors and Bioelectronics</i> , 2020, 170, 112684.	5.3	78
50	Antioxidant compounds from <i>Banisteriopsis argyrophylla</i> leaves as α -amylase, α -glucosidase, lipase, and glycation inhibitors. <i>Bioorganic Chemistry</i> , 2020, 105, 104335.	2.0	10
51	Electrochemical Study of Different Sensors for Simple and fast Quantification of Ciprofloxacin in Pharmaceutical Formulations and Bovine Milk. <i>Electroanalysis</i> , 2020, 32, 2266-2272.	1.5	17
52	In situ electrochemical exfoliation of embedded graphite to superficial graphene sheets for electroanalytical purposes. <i>Electrochimica Acta</i> , 2020, 354, 136762.	2.6	9
53	Electrochemical Determination of the Steroid Tibolone and Its Metabolites in Saliva Samples. <i>ChemElectroChem</i> , 2020, 7, 4469-4476.	1.7	2
54	Development of an Electrochemical Immunosensor for Specific Detection of Visceral Leishmaniasis Using Gold-Modified Screen-Printed Carbon Electrodes. <i>Biosensors</i> , 2020, 10, 81.	2.3	25

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55	Voltammetric determination of traces of 4-chloroaniline in antiseptic samples on a cathodically-treated boron-doped diamond electrode. <i>Journal of Electroanalytical Chemistry</i> , 2020, 877, 114500.	1.9	6
56	3D-printing pen versus desktop 3D-printers: Fabrication of carbon black/poly(lactic acid) electrodes for single-drop detection of 2,4,6-trinitrotoluene. <i>Analytica Chimica Acta</i> , 2020, 1132, 10-19.	2.6	42
57	A lab-made screen-printed electrode as a platform to study the effect of the size and functionalization of carbon nanotubes on the voltammetric determination of caffeic acid. <i>Microchemical Journal</i> , 2020, 158, 105297.	2.3	51
58	Production of 3D-printed disposable electrochemical sensors for glucose detection using a conductive filament modified with nickel microparticles. <i>Analytica Chimica Acta</i> , 2020, 1132, 1-9.	2.6	58
59	Simultaneous determination of lead and antimony in gunshot residue using a 3D-printed platform working as sampler and sensor. <i>Analytica Chimica Acta</i> , 2020, 1130, 126-136.	2.6	31
60	Critical evaluation of voltammetric techniques for antioxidant capacity and activity: Presence of alumina on glassy-carbon electrodes alters the results. <i>Electrochimica Acta</i> , 2020, 358, 136925.	2.6	29
61	A Multi-Pump Magnetohydrodynamics Lab-On-A-Chip Device for Automated Flow Control and Analyte Delivery. <i>Sensors</i> , 2020, 20, 4909.	2.1	8
62	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.	1.3	5
63	Batch injection analysis with electrochemical detection for the simultaneous determination of the diuretics furosemide and hydrochlorothiazide in synthetic urine and pharmaceutical samples. <i>Microchemical Journal</i> , 2020, 157, 105027.	2.3	19
64	Electrochemical synthesis of Prussian blue from iron impurities in 3D-printed graphene electrodes: Amperometric sensing platform for hydrogen peroxide. <i>Talanta</i> , 2020, 219, 121289.	2.9	30
65	Electrochemical detection of 3,4-methylenedioxymethamphetamine (ecstasy) using a boron-doped diamond electrode with differential pulse voltammetry: Simple and fast screening method for application in forensic analysis. <i>Microchemical Journal</i> , 2020, 157, 105088.	2.3	33
66	An Overview of Recent Electroanalytical Applications Utilizing Screen-Printed Electrodes Within Flow Systems. <i>ChemElectroChem</i> , 2020, 7, 2211-2221.	1.7	39
67	Additive-manufactured sensors for biofuel analysis: copper determination in bioethanol using a 3D-printed carbon black/poly(lactic acid) electrode. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 2755-2762.	1.9	39
68	Pyrolyzed cotton balls for protein removal: Analysis of pharmaceuticals in serum by capillary electrophoresis. <i>Analytica Chimica Acta</i> , 2020, 1110, 90-97.	2.6	7
69	Trace manganese detection via differential pulse cathodic stripping voltammetry using disposable electrodes: additively manufactured nanographite electrochemical sensing platforms. <i>Analyst</i> , 2020, 145, 3424-3430.	1.7	32
70	Coupling electrochemistry with a fluorescence reporting reaction enabled by bipolar electrochemistry. <i>Journal of Electroanalytical Chemistry</i> , 2020, 872, 113921.	1.9	12
71	Potential of Mafura seed oil as a feedstock for biodiesel production. <i>Biofuels</i> , 2020, , 1-7.	1.4	3
72	Improved electrochemical detection of metals in biological samples using 3D-printed electrode: Chemical/electrochemical treatment exposes carbon-black conductive sites. <i>Electrochimica Acta</i> , 2020, 335, 135688.	2.6	97

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73	Determination of levofloxacin in pharmaceutical formulations and urine at reduced graphene oxide and carbon nanotube-modified electrodes. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 1165-1173.	1.2	21
74	Additive-manufactured (3D-printed) electrochemical sensors: A critical review. <i>Analytica Chimica Acta</i> , 2020, 1118, 73-91.	2.6	265
75	Direct analysis of ascorbic acid in food beverage samples by flow injection analysis using reduced graphene oxide sensor. <i>Food Chemistry</i> , 2020, 319, 126509.	4.2	41
76	Reduced graphene oxide/multi-walled carbon nanotubes/prussian blue nanocomposites for amperometric detection of strong oxidants. <i>Materials Chemistry and Physics</i> , 2020, 250, 123011.	2.0	24
77	High-throughput screening of cocaine, adulterants, and diluents in seized samples using capillary electrophoresis with capacitively coupled contactless conductivity detection. <i>Talanta</i> , 2020, 217, 120987.	2.9	22
78	EFEITO DO TEOR DE GLICEROL NO TRANSPORTE DE VAPOR D'ÁGUA ATRAVÉS DE FILMES DE TRIACETATO DE CELULOSE PRODUZIDOS A PARTIR DO APROVEITAMENTO DA PALHA DE MILHO (ZEA MAYS L.). <i>Quimica Nova</i> , 2020, , .	0.3	0
79	Electrochemical Portable Method for <i>in site</i> Screening of Scopolamine in Beverage and Urine Samples. <i>Electroanalysis</i> , 2019, 31, 567-574.	1.5	26
80	Batch- <i>in</i> jection Amperometric Analysis on Screen- <i>Printed</i> Electrodes: Analytical System for High- <i>Throughput</i> Determination of Pharmaceutical Molecules. <i>Electroanalysis</i> , 2019, 31, 518-526.	1.5	7
81	Improved electrochemical performance of pyrolytic graphite paper: Electrochemical versus reactive cold-plasma activation. <i>Electrochemistry Communications</i> , 2019, 105, 106497.	2.3	13
82	Effect of alumina supported on glassy-carbon electrode on the electrochemical reduction of 2,4,6-trinitrotoluene: A simple strategy for its selective detection. <i>Journal of Electroanalytical Chemistry</i> , 2019, 851, 113385.	1.9	13
83	3D Printed Graphene Electrodes Modified with Prussian Blue: Emerging Electrochemical Sensing Platform for Peroxide Detection. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 35068-35078.	4.0	89
84	Complete Additively Manufactured (3D-Printed) Electrochemical Sensing Platform. <i>Analytical Chemistry</i> , 2019, 91, 12844-12851.	3.2	176
85	3D- <i>Printed</i> Portable Platform for Mechanized Handling and Injection of Microvolumes Coupled to Electrochemical Detection. <i>Electroanalysis</i> , 2019, 31, 771-777.	1.5	22
86	Fast methods for simultaneous determination of arginine, ascorbic acid and aspartic acid by capillary electrophoresis. <i>Talanta</i> , 2019, 204, 353-358.	2.9	34
87	Tuning electrochemical and morphological properties of Prussian blue/carbon nanotubes films through scan rate in cyclic voltammetry. <i>Solid State Ionics</i> , 2019, 338, 5-11.	1.3	10
88	Graphite sheet as a novel material for the collection and electrochemical sensing of explosive residues. <i>Talanta</i> , 2019, 203, 106-111.	2.9	21
89	3D-printed flexible device combining sampling and detection of explosives. <i>Sensors and Actuators B: Chemical</i> , 2019, 292, 308-313.	4.0	82
90	Nanomaterial-Based Electrochemical Sensors for Environmental and Energy Applications. , 2019, , 197-228.		1

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91	Corrosive character of <i>Moringa oleifera</i> Lam biodiesel exposed to carbon steel under simulated storage conditions. <i>Renewable Energy</i> , 2019, 139, 1263-1271.	4.3	17
92	Boron Doped Diamond Electrodes in Flow-Based Systems. <i>Frontiers in Chemistry</i> , 2019, 7, 190.	1.8	52
93	Highly sensitive procedure for determination of Cu(II) by GF AAS using single-drop microextraction. <i>Microchemical Journal</i> , 2019, 147, 894-898.	2.3	38
94	Voltammetric determination of copper and tert-butylhydroquinone in biodiesel: A rapid quality control protocol. <i>Talanta</i> , 2019, 201, 433-440.	2.9	28
95	Indirect determination of formaldehyde by square-wave voltammetry based on the electrochemical oxidation of 3,5-diacetyl-1,4-dihydrolutidine using an unmodified glassy-carbon electrode. <i>Talanta</i> , 2019, 198, 237-241.	2.9	19
96	Iron (III) determination in bioethanol fuel using a smartphone-based device. <i>Microchemical Journal</i> , 2019, 146, 1134-1139.	2.3	32
97	High-throughput amperometric determination of tetracycline residues in milk and quality control of pharmaceutical formulations: flow-injection versus batch-injection analysis. <i>Analytical Methods</i> , 2019, 11, 5328-5336.	1.3	23
98	Evaluation of graphite sheets for production of high-quality disposable sensors. <i>Journal of Electroanalytical Chemistry</i> , 2019, 833, 560-567.	1.9	24
99	Simple Strategy for Selective Determination of Levamisole in Seized Cocaine and Pharmaceutical Samples Using Disposable Screen-printed Electrodes. <i>Electroanalysis</i> , 2019, 31, 153-159.	1.5	16
100	Rapid method for simultaneous determination of ascorbic acid and zinc in effervescent tablets by capillary zone electrophoresis with contactless conductivity detection. <i>Journal of Separation Science</i> , 2019, 42, 754-759.	1.3	16
101	A simple and fast-portable method for the screening of the appetite-suppressant drug sibutramine in natural products and multivitamins supplements. <i>Sensors and Actuators B: Chemical</i> , 2019, 282, 449-456.	4.0	23
102	Chemically-reduced Graphene Oxide Sensor for Dipyrone Quantification in Pharmaceutical Samples Using Amperometric Detection. <i>Electroanalysis</i> , 2019, 31, 646-651.	1.5	16
103	Investigation on acid functionalization of double-walled carbon nanotubes of different lengths on the development of amperometric sensors. <i>Electrochimica Acta</i> , 2019, 299, 762-771.	2.6	16
104	Solenoid Micro-pumps: A New Tool for Sample Introduction in Batch Injection Analysis Systems with Electrochemical Detection. <i>Electroanalysis</i> , 2018, 30, 180-186.	1.5	5
105	Electrochemical sensing of NBOMes and other new psychoactive substances in blotting paper by square-wave voltammetry on a boron-doped diamond electrode. <i>Analytical Methods</i> , 2018, 10, 2411-2418.	1.3	21
106	Carbon-nanotube Modified Screen-printed Electrode for the Simultaneous Determination of Nitrite and Uric Acid in Biological Fluids Using Batch-injection Amperometric Detection. <i>Electroanalysis</i> , 2018, 30, 1870-1879.	1.5	16
107	Batch-injection Analysis Better than ever: New Materials for Improved Electrochemical Detection and On-site Applications. <i>Electroanalysis</i> , 2018, 30, 1386-1399.	1.5	59
108	Fast Determination of Antioxidant Capacity of Food Samples Using Continuous Amperometric Detection on Polyester Screen-printed Graphitic Electrodes. <i>Electroanalysis</i> , 2018, 30, 1192-1197.	1.5	6

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109	Development of a Novel Versatile Method for Determination of two Antihistamines in Association with Naphazoline Using Cathodically Pretreated Boron-doped Diamond Electrode. <i>Electroanalysis</i> , 2018, 30, 868-876.	1.5	15
110	Carbon nanotube/reduced graphene oxide thin-film nanocomposite formed at liquid-liquid interface: Characterization and potential electroanalytical applications. <i>Sensors and Actuators B: Chemical</i> , 2018, 269, 293-303.	4.0	30
111	Influence of Al ₂ O ₃ nanoparticles structure immobilized upon glassy-carbon electrode on the electrocatalytic oxidation of phenolic compounds. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 646-654.	4.0	28
112	Chemically versus electrochemically reduced graphene oxide: Improved amperometric and voltammetric sensors of phenolic compounds on higher roughness surfaces. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 701-708.	4.0	55
113	Altered electrochemistry of oxcarbazepine on cathodically treated boron-doped diamond electrode: Selective detection by pulsed amperometric detection coupled to flow-injection analysis. <i>Electrochimica Acta</i> , 2018, 260, 564-570.	2.6	16
114	Stripping Voltammetric Determination of Mercury in Fish Oil Capsules Using a Screen-printed Gold Electrode. <i>Electroanalysis</i> , 2018, 30, 20-23.	1.5	18
115	Screen-printed electrodes for quality control of liquid (Bio)fuels. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 108, 210-220.	5.8	13
116	Forensics in hand: new trends in forensic devices (2013-2017). <i>Analytical Methods</i> , 2018, 10, 5135-5163.	1.3	59
117	Ultrafast capillary electrophoresis method for the simultaneous determination of ammonium and diphenhydramine in pharmaceutical samples. <i>Journal of Separation Science</i> , 2018, 41, 2969-2975.	1.3	9
118	Detection of Analgesics and Sedation Drugs in Whiskey Using Electrochemical Paper-based Analytical Devices. <i>Electroanalysis</i> , 2018, 30, 2250-2257.	1.5	54
119	Highly-sensitive voltammetric detection of trinitrotoluene on reduced graphene oxide/carbon nanotube nanocomposite sensor. <i>Analytica Chimica Acta</i> , 2018, 1035, 14-21.	2.6	36
120	Fast determination of cocaine and some common adulterants in seized cocaine samples by capillary electrophoresis with capacitively coupled contactless conductivity detection. <i>Analytical Methods</i> , 2018, 10, 2875-2880.	1.3	13
121	In situ electrochemical determination of free Cu(II) ions in biodiesel using screen-printed electrodes: Direct correlation with oxidation stability. <i>Fuel</i> , 2018, 234, 1452-1458.	3.4	19
122	3D printing for electroanalysis: From multiuse electrochemical cells to sensors. <i>Analytica Chimica Acta</i> , 2018, 1033, 49-57.	2.6	196
123	Portable analytical platforms for forensic chemistry: A review. <i>Analytica Chimica Acta</i> , 2018, 1034, 1-21.	2.6	196
124	Fast determination of codeine, orphenadrine, promethazine, scopolamine, tramadol, and paracetamol in pharmaceutical formulations by capillary electrophoresis. <i>Journal of Separation Science</i> , 2017, 40, 1815-1823.	1.3	41
125	Highly sensitive amperometric detection of drugs and antioxidants on non-functionalized multi-walled carbon nanotubes: Effect of metallic impurities?. <i>Electrochimica Acta</i> , 2017, 240, 80-89.	2.6	26
126	Square-wave Voltammetric Determination of Propyphenazone, Paracetamol, and Caffeine: Comparative Study between Batch Injection Analysis and Conventional Electrochemical Systems. <i>Electroanalysis</i> , 2017, 29, 1860-1866.	1.5	19

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127	Portable electrochemical system using screen-printed electrodes for monitoring corrosion inhibitors. <i>Talanta</i> , 2017, 174, 420-427.	2.9	14
128	Amperometric determination of omeprazole on screen-printed electrodes using batch injection analysis. <i>Microchemical Journal</i> , 2017, 133, 398-403.	2.3	24
129	Use of pyrolyzed paper as disposable substrates for voltammetric determination of trace metals. <i>Talanta</i> , 2017, 165, 33-38.	2.9	33
130	A portable electrochemical method for cocaine quantification and rapid screening of common adulterants in seized samples. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 557-565.	4.0	84
131	Electrochemically Reduced Graphene Oxide for Forensic Electrochemistry: Detection of Cocaine and its Adulterants Paracetamol, Caffeine and Levamisole. <i>Electroanalysis</i> , 2017, 29, 2418-2422.	1.5	24
132	Single-run capillary electrophoresis method for the fast simultaneous determination of amoxicillin, clavulanate, and potassium. <i>Journal of Separation Science</i> , 2017, 40, 3557-3562.	1.3	25
133	Voltammetric signatures of 2,5-dimethoxy-N-(2-methoxybenzyl) phenethylamines on boron-doped diamond electrodes: Detection in blotting paper samples. <i>Electrochemistry Communications</i> , 2017, 82, 121-124.	2.3	22
134	Eucalyptus pulp as an adsorbent for metal removal from biodiesel. <i>Industrial Crops and Products</i> , 2017, 95, 1-5.	2.5	15
135	Batch-Injection Amperometric Determination of Pyrogallol in Biodiesel Using a Multi-Walled Carbon Nanotube Modified Electrode. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	0
136	Electrochemical Oxidation of Astaxanthin on Glassy-carbon Electrode and its Amperometric Determination Using Batch Injection Analysis (BIA). <i>Electroanalysis</i> , 2016, 28, 2143-2148.	1.5	9
137	Voltammetric Lead Determination in Aviation Fuel Samples Using a Screen-Printed Gold Electrode and Batch-Injection Analysis. <i>Electroanalysis</i> , 2016, 28, 633-639.	1.5	19
138	Voltammetric Determination of Pb, Cu and Hg in Biodiesel Using Gold Screen-Printed Electrode: Comparison of Batch-Injection Analysis with Conventional Electrochemical Systems. <i>Electroanalysis</i> , 2016, 28, 940-946.	1.5	23
139	Batch-injection versus Flow-injection Analysis Using Screen-Printed Electrodes: Determination of Ciprofloxacin in Pharmaceutical Formulations. <i>Electroanalysis</i> , 2016, 28, 350-357.	1.5	26
140	Simple and Sensitive Paper-Based Device Coupling Electrochemical Sample Pretreatment and Colorimetric Detection. <i>Analytical Chemistry</i> , 2016, 88, 5145-5151.	3.2	66
141	Fast determination of diphenhydramine, pyridoxine, and 8-chlorotheophylline by capillary electrophoresis with capacitively coupled contactless conductivity detection. <i>Analytical Methods</i> , 2016, 8, 4432-4437.	1.3	14
142	A high-throughput BIA-MPA method for the simultaneous determination of amiloride and furosemide. <i>Analytical Methods</i> , 2016, 8, 7959-7965.	1.3	12
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