

# Julian Alonso-Chamarro

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5652298/publications.pdf>

Version: 2024-02-01

152  
papers

3,113  
citations

147801

31  
h-index

254184

43  
g-index

155  
all docs

155  
docs citations

155  
times ranked

2469  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flow-through tubular PVC matrix membrane electrode without inner reference solution for flow injection analysis. <i>Analytica Chimica Acta</i> , 1984, 164, 147-152.	5.4	108
2	Application of ion sensitive field effect transistor based sensors to soil analysis. <i>Computers and Electronics in Agriculture</i> , 2001, 31, 281-293.	7.7	97
3	Microsystem-assisted synthesis of carbon dots with fluorescent and colorimetric properties for pH detection. <i>Nanoscale</i> , 2014, 6, 6018-6024.	5.6	81
4	Flow injection system for on-line potentiometric monitoring of ammonia in freshwater streams. <i>Analyst, The</i> , 1989, 114, 1443-1447.	3.5	78
5	Green-tape ceramics. New technological approach for integrating electronics and fluidics in microsystems. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 24-33.	11.4	73
6	Mercury(ii) ion-selective electrode. Study of 1,3-diphenylthiourea as ionophore. <i>Analyst, The</i> , 2000, 125, 1787-1790.	3.5	65
7	Determination of probable alcohol yield in musts by means of an SPR optical sensor. <i>Sensors and Actuators B: Chemical</i> , 1993, 11, 455-459.	7.8	63
8	Aroylthioureas: new organic ionophores for heavy-metal ion selective electrodes. <i>Perkin Transactions II RSC</i> , 2001, , 2211.	1.1	59
9	Determination of total and free sulfur dioxide in wine by flow injection analysis and gas-diffusion using p-aminoazobenzene as the colorimetric reagent. <i>Analytical Chemistry</i> , 1991, 63, 2532-2535.	6.5	50
10	Polyurethaneacrylate photocurable polymeric membrane for ion-sensitive field-effect transistor based urea biosensors. <i>Analytica Chimica Acta</i> , 1999, 389, 179-188.	5.4	50
11	Flow-Through Sandwich PVC Matrix Membrane Electrode for Flow Injection Analysis. <i>Analytical Letters</i> , 1985, 18, 2291-2303.	1.8	48
12	Continuous flow synthesis of nanoparticles using ceramic microfluidic devices. <i>Nanotechnology</i> , 2010, 21, 415603.	2.6	44
13	Sequential flow-injection determinations of calcium and magnesium in waters. <i>Analytica Chimica Acta</i> , 1986, 179, 503-508.	5.4	42
14	Synthesis and spectroscopic characterisation of heptamethincyanine NIR dyes for their use in optochemical sensors. <i>Dyes and Pigments</i> , 2006, 71, 28-36.	3.7	42
15	Determination of Trace Levels of Anionic Surfactants in River Water and Wastewater by a Flow Injection Analysis System with On-Line Preconcentration and Potentiometric Detection. <i>Analytical Chemistry</i> , 1999, 71, 3684-3691.	6.5	39
16	Flow-through tubular ion-selective electrodes responsive to anionic surfactants for flow-injection analysis. <i>Analytica Chimica Acta</i> , 1995, 308, 115-121.	5.4	38
17	Integrated Waveguide Absorbance Optode for Chemical Sensing. <i>Analytical Chemistry</i> , 1999, 71, 5037-5044.	6.5	38
18	Continuous Flow Analytical Microsystems Based on Low-Temperature Co-Fired Ceramic Technology. Integrated Potentiometric Detection Based on Solvent Polymeric Ion-Selective Electrodes. <i>Analytical Chemistry</i> , 2006, 78, 2985-2992.	6.5	38

#	ARTICLE	IF	CITATIONS
19	Sandwich Techniques in flow injection analysis. <i>Analytica Chimica Acta</i> , 1987, 199, 191-196.	5.4	37
20	LTCC meso-analytical system for chloride ion determination in drinking waters. <i>Sensors and Actuators B: Chemical</i> , 2006, 118, 67-72.	7.8	36
21	Soil Calcium and pH Monitoring Sensor System. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 4658-4663.	5.2	36
22	Application of an all-solid-state ion-selective electrode for the automated titration of anionic surfactants. <i>Analyst</i> , The, 1994, 119, 2319-2322.	3.5	35
23	Characterisation of new norcyanine dyes and their application as pH chromoionophores in optical sensors. <i>Dyes and Pigments</i> , 2007, 73, 383-389.	3.7	35
24	New acyclic Pd <sup>II</sup> -diaminocarbene catalyst for Suzuki arylation of meso-chlorosubstituted tricarboindocyanine dyes. <i>Tetrahedron Letters</i> , 2013, 54, 1202-1204.	1.4	35
25	Construction and development of ion-selective electrodes responsive to anionic surfactants. <i>Sensors and Actuators B: Chemical</i> , 1993, 15, 179-183.	7.8	34
26	Ketocyanine Dyes: H <sup>+</sup> -Selective Ionophores for Use in Integrated Waveguides Absorbance Optodes. <i>Analytical Chemistry</i> , 2002, 74, 570-576.	6.5	34
27	Miniaturized Total Analysis Systems: Integration of Electronics and Fluidics Using Low-Temperature Co-Fired Ceramics. <i>Analytical Chemistry</i> , 2007, 79, 8376-8380.	6.5	34
28	A ceramic microreactor for the synthesis of water soluble CdS and CdS/ZnS nanocrystals with on-line optical characterization. <i>Nanoscale</i> , 2012, 4, 1328.	5.6	34
29	Ceramic Microsystem Incorporating a Microreactor with Immobilized Biocatalyst for Enzymatic Spectrophotometric Assays. <i>Analytical Chemistry</i> , 2010, 82, 1006-1011.	6.5	33
30	Novel LTCC-potentiometric microfluidic device for biparametric analysis of organic compounds carrying plastic antibodies as ionophores: Application to sulfamethoxazole and trimethoprim. <i>Biosensors and Bioelectronics</i> , 2011, 30, 197-203.	10.1	33
31	Sandwich techniques in flow-injection analysis. <i>Analytica Chimica Acta</i> , 1989, 219, 345-350.	5.4	31
32	Development of a screen-printed thick-film nitrate sensor based on a graphite-epoxy composite for agricultural applications. <i>Sensors and Actuators B: Chemical</i> , 2003, 88, 337-344.	7.8	31
33	Development of a new ion-selective field-effect transistor sensor for anionic surfactants: Application to potentiometric titrations. <i>Analytica Chimica Acta</i> , 1999, 382, 157-164.	5.4	30
34	Novel synthesis of ketocyanine dyes. <i>Tetrahedron Letters</i> , 2001, 42, 6129-6131.	1.4	30
35	Improved Integrated Waveguide Absorbance Optodes for Ion-Selective Sensing. <i>Analytical Chemistry</i> , 2002, 74, 3354-3361.	6.5	30
36	Compact and autonomous multiwavelength microanalyzer for in-line and in situ colorimetric determinations. <i>Lab on A Chip</i> , 2012, 12, 109-117.	6.0	30

#	ARTICLE	IF	CITATIONS
37	An LTCC monolithic microreactor for the synthesis of carbon dots with photoluminescence imaging of the reaction progress. <i>Sensors and Actuators B: Chemical</i> , 2019, 296, 126613.	7.8	30
38	Development of a photopolymerisable membrane for calcium ion sensors. <i>Analytica Chimica Acta</i> , 2001, 426, 3-10.	5.4	29
39	Croconines: new acidochromic dyes for the near infrared region. <i>Tetrahedron Letters</i> , 2002, 43, 8391-8393.	1.4	29
40	Microreactor with integrated temperature control for the synthesis of CdSe nanocrystals. <i>Lab on A Chip</i> , 2012, 12, 1979.	6.0	29
41	Biparametric potentiometric analytical microsystem for nitrate and potassium monitoring in water recycling processes for manned space missions. <i>Analytica Chimica Acta</i> , 2013, 804, 190-196.	5.4	29
42	Sequential determination of calcium and nitrate ions in waters by potentiometric flow injection. <i>Analyst, The</i> , 1993, 118, 1527-1532.	3.5	27
43	Simultaneous determination of total iron and chromium(VI) in wastewater using a flow injection system based on the sandwich technique. <i>Analyst, The</i> , 1989, 114, 1465.	3.5	26
44	Nortricarbocyanines: New near-infrared pH-indicators. <i>Tetrahedron Letters</i> , 1998, 39, 9253-9254.	1.4	26
45	Synthesis of new ketocyanine dyes for the development of optical sensors. <i>Sensors and Actuators B: Chemical</i> , 2006, 115, 287-296.	7.8	26
46	Optical microfluidic system based on ionophore modified gold nanoparticles for the continuous monitoring of mercuric ion. <i>Sensors and Actuators B: Chemical</i> , 2014, 194, 19-26.	7.8	26
47	Spectrophotometric determination of low levels of anionic surfactants in water by solvent extraction in a flow injection system. <i>Analyst, The</i> , 1988, 113, 1677-1681.	3.5	25
48	Covalent binding of urease on ammonium-selective potentiometric membranes. <i>Biosensors and Bioelectronics</i> , 1992, 7, 645-652.	10.1	25
49	Determination of polyethoxylated non-ionic surfactants using potentiometric flow injection systems.. <i>Analytica Chimica Acta</i> , 2002, 454, 217-227.	5.4	25
50	LTCC microflow analyzers with monolithic integration of thermal control. <i>Sensors and Actuators A: Physical</i> , 2007, 138, 63-70.	4.1	25
51	In-Soil Potassium Sensor System. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 5810-5815.	5.2	24
52	Pesticide Determination by Enzymatic Inhibition and Amperometric Detection in a Low-Temperature Cofired Ceramics Microsystem. <i>Analytical Chemistry</i> , 2007, 79, 3662-3666.	6.5	24
53	Magnetic actuator for the control and mixing of magnetic bead-based reactions on-chip. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 6607-6616.	3.7	24
54	Automated spectrophotometric determination of titanium(IV) in water and brines by flow injection based on its reaction with hydrogen peroxide. <i>Analyst, The</i> , 1990, 115, 315-318.	3.5	23

#	ARTICLE	IF	CITATIONS
55	New cyanine dyes: Norindosquarocyanines. <i>Tetrahedron Letters</i> , 1999, 40, 4067-4068.	1.4	23
56	Microflow injection system based on a multicommutation technique for nitrite determination in wastewaters. <i>Analyst, The</i> , 2006, 131, 1109.	3.5	23
57	Design, fabrication and characterization of microreactors for high temperature syntheses. <i>Chemical Engineering Journal</i> , 2012, 211-212, 432-441.	12.7	23
58	Flow-through pH-ISFET as detector in the determination of ammonia. <i>Analytica Chimica Acta</i> , 1990, 231, 53-58.	5.4	22
59	Study of an enzyme coupled system for the development of fibre optical bilirubin sensors. <i>Biosensors and Bioelectronics</i> , 1996, 11, 347-354.	10.1	22
60	Development of a multiparametric analyser based on ISFET sensors applied to process control in the wine industry. <i>Sensors and Actuators B: Chemical</i> , 2003, 89, 199-204.	7.8	22
61	Gas diffusion as a new fluidic unit operation for centrifugal microfluidic platforms. <i>Lab on A Chip</i> , 2014, 14, 1014.	6.0	22
62	Potentiometric analytical microsystem based on the integration of a gas-diffusion step for on-line ammonium determination in water recycling processes in manned space missions. <i>Analytica Chimica Acta</i> , 2015, 874, 26-32.	5.4	22
63	Response mechanism of a neutral carrier Hg(II) polymeric membrane ion-selective electrode. SEM and EDAX study. <i>Analyst, The</i> , 2001, 126, 501-504.	3.5	21
64	A Monolithic Continuous-Flow Microanalyzer with Amperometric Detection Based on the Green Tape Technology. <i>Analytical Chemistry</i> , 2009, 81, 7448-7453.	6.5	21
65	Flow-through pH-ISFET detector for flow-injection analysis. <i>Analytica Chimica Acta</i> , 1989, 222, 373-377.	5.4	19
66	Comparison of the Powell and simplex methods in the optimization of flow-injection systems. Simulation on modelled experimental surfaces and experimental optimizations. <i>Analytica Chimica Acta</i> , 1990, 241, 31-42.	5.4	19
67	Sandwich techniques in flow-injection analysis. <i>Analytica Chimica Acta</i> , 1992, 261, 219-223.	5.4	19
68	Vortex Configuration Flow Cell Based on Low-Temperature Cofired Ceramics As a Compact Chemiluminescence Microsystem. <i>Analytical Chemistry</i> , 2008, 80, 5320-5324.	6.5	19
69	A compact miniaturized continuous flow system for the determination of urea content in milk. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 1525-1533.	3.7	19
70	Potentiometric flow injection system for the determination of polyethoxylate nonionic surfactants using tubular ion-selective electrodes. <i>Analytica Chimica Acta</i> , 2001, 438, 305-313.	5.4	18
71	Boron trifluoride-“methanol complex” mild and powerful reagent for deprotection of labile acetylated amines. <i>Tetrahedron Letters</i> , 2003, 44, 2301-2303.	1.4	18
72	Highly integrated autonomous lab-on-a-chip device for on-line and <i>in situ</i> determination of environmental chemical parameters. <i>Lab on A Chip</i> , 2018, 18, 1884-1890.	6.0	18

#	ARTICLE	IF	CITATIONS
73	Mathematical modelling of sequential determinations by flow-injection sandwich techniques. <i>Analytica Chimica Acta</i> , 1990, 234, 67-74.	5.4	17
74	Low cost and compact analytical microsystem for carbon dioxide determination in production processes of wine and beer. <i>Analytica Chimica Acta</i> , 2016, 931, 64-69.	5.4	17
75	Simultaneous Optimization of Variables in Fia Systems by Means of the Simplex Method. <i>Analytical Letters</i> , 1987, 20, 1247-1263.	1.8	16
76	5,5-Diethylbarbiturate tubular electrode for use in flow-injection detection systems. <i>Analytica Chimica Acta</i> , 1990, 234, 221-225.	5.4	16
77	Analysis of optochemical absorbance sensors based on bidimensional planar ARROW microoptics. <i>Sensors and Actuators B: Chemical</i> , 1999, 60, 191-199.	7.8	16
78	Swelling and Thermal Properties of Poly(Vinyl Alcohol) Containing Hemoglobin Membranes. <i>Journal of Bioactive and Compatible Polymers</i> , 1999, 14, 243-257.	2.1	16
79	Development of Durable Nitrate-Selective Membranes for All-Solid State ISE and ISFET Sensors Based on Photocurable Compositions. <i>Electroanalysis</i> , 2002, 14, 213.	2.9	16
80	Flow Injection Potentiometric System for the Simultaneous Determination of Inositol Phosphates and Phosphate: A Phosphorus Nutritional Evaluation on Seeds and Grains. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 7644-7648.	5.2	16
81	Evaluation of microwave digestion for chemical oxygen demand determination. <i>Environmental Technology (United Kingdom)</i> , 1990, 11, 1087-1092.	2.2	14
82	Mathematical modelling of two-analyte sequential determinations by flow-injection sandwich techniques. <i>Analytica Chimica Acta</i> , 1991, 254, 177-187.	5.4	14
83	An integrated design strategy for flow-injection analysis based on the coupling of mathematical modelling and optimization algorithms. <i>Analytica Chimica Acta</i> , 1995, 310, 289-296.	5.4	14
84	Simple dip-probe fluorescence setup sensor for in situ environmental determinations. <i>Sensors and Actuators B: Chemical</i> , 2009, 137, 420-425.	7.8	14
85	Rapid Prototyping of a Cyclic Olefin Copolymer Microfluidic Device for Automated Oocyte Culturing. <i>SLAS Technology</i> , 2017, 22, 507-517.	1.9	14
86	Multi-parametric polymer-based potentiometric analytical microsystem for future manned space missions. <i>Analytica Chimica Acta</i> , 2017, 995, 77-84.	5.4	14
87	New ketocyanine-based fluorescent optodes for the development of integrated waveguide sensors. <i>Sensors and Actuators B: Chemical</i> , 2006, 114, 705-712.	7.8	13
88	Follow-up study on lead exposure in children living in a smelter community in northern Mexico. <i>Environmental Health</i> , 2011, 10, 66.	4.0	13
89	All-solid-state potentiometric sensors sensitive to nonionic surfactants based on ionophores containing ethoxylate units. <i>Talanta</i> , 2001, 54, 811-820.	5.5	12
90	Analysis and identification of several apple varieties using ISFETs sensors. <i>Talanta</i> , 2003, 59, 1245-1252.	5.5	12

#	ARTICLE	IF	CITATIONS
91	Towards a monolithically integrated microsystem based on the green tape ceramics technology for spectrophotometric measurements. Determination of chromium (VI) in water. <i>Mikrochimica Acta</i> , 2011, 172, 225-232.	5.0	12
92	All-ceramic analytical microsystems with monolithically integrated optical detection microflow cells. <i>Microfluidics and Nanofluidics</i> , 2015, 18, 649-656.	2.2	12
93	Rapid Prototyping of a Cyclic Olefin Copolymer Microfluidic Device for Automated Oocyte Culturing. <i>SLAS Technology</i> , 2017, 22, 507-517.	1.9	12
94	Gold/silver/gold trilayer films on nanostructured polycarbonate substrates for direct and label-free nanoplasmonic biosensing. <i>Journal of Biophotonics</i> , 2018, 11, e201800043.	2.3	12
95	Solid-state PVC flow-through benzoate electrode. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1989, 7, 1499-1505.	2.8	11
96	Industrial process sensor based on surface plasmon resonance (SPR) 1. Distillation process monitoring. <i>Sensors and Actuators A: Physical</i> , 1993, 37-38, 221-225.	4.1	11
97	Bidimensional planar micro-optics for optochemical absorbance sensing. <i>Optics Letters</i> , 1998, 23, 225.	3.3	11
98	Study of the thermal stability and enzymatic activity of an immobilised enzymatic system for the bilirubin oxidation. <i>Biomaterials</i> , 1999, 20, 757-763.	11.4	11
99	Colorimetric determination of copper in aqueous samples using a flow injection system with a pre-concentration poly(ethylenimine) column. <i>Talanta</i> , 1999, 50, 337-343.	5.5	11
100	In Situ Soil Phosphorus Monitoring Probe Compared with Conventional Extraction Procedures. <i>Communications in Soil Science and Plant Analysis</i> , 2009, 40, 1282-1294.	1.4	11
101	Comparison of the simplex and Powell methods with a weighted response function for the optimization of FIA systems. <i>Talanta</i> , 1993, 40, 1113-1126.	5.5	10
102	Autoadaptative sequential injection system for nitrite determination in wastewaters. <i>Talanta</i> , 2005, 68, 245-252.	5.5	10
103	New hexamethine-hemicyanine dyes for the development of integrated optochemical sensors. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 2111-2119.	3.7	10
104	Direct Determination of Glucose in Blood Serum Using Trinder's Reaction. <i>Analytical Letters</i> , 1984, 17, 385-396.	1.8	9
105	Chloride determination in serum by a flow-injection analysis precipitation pseudo-titration technique using a flow-through all-solid-state silver electrode. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1988, 6, 749-755.	2.8	9
106	Determination of soil calcareous efficiency using flow system with pervaporative separation. <i>Analitica Chimica Acta</i> , 2001, 438, 273-279.	5.4	9
107	Miniaturized setup for fluorescence sensing with optodes: Characterization of a new hemicyanine ion-selective-based membrane. <i>Sensors and Actuators B: Chemical</i> , 2008, 134, 863-868.	7.8	9
108	Versatile Lock and Key Assembly for Optical Measurements with Microfluidic Platforms and Cartridges. <i>Analytical Chemistry</i> , 2015, 87, 1503-1508.	6.5	9

#	ARTICLE	IF	CITATIONS
109	Soluble reactive phosphorous determination in wastewater treatment plants by automatic microanalyzers. <i>Talanta</i> , 2021, 221, 121508.	5.5	9
110	Nortricarbocyanine dyes as suitable long wavelength pH indicators for chemical sensing. <i>Sensors and Actuators B: Chemical</i> , 2007, 122, 53-59.	7.8	8
111	Biparametric Potentiometric Analytical Microsystem Based on the Green Tape Technology. <i>Electroanalysis</i> , 2010, 22, 2376-2382.	2.9	8
112	Unprecedented acid-catalyzed Wurtz-type coupling of meso -bromoindodicarbocyanine dyes. <i>Tetrahedron Letters</i> , 2017, 58, 3353-3357.	1.4	8
113	Flow injection system based on the sandwich technique for saving expensive reagents. <i>Clinica Chimica Acta</i> , 1991, 203, 67-76.	1.1	7
114	Phenobarbiturate Flow-through Electrode for Flow Injection Analysis of Pharmaceutical Products.. <i>Analytical Sciences</i> , 1992, 8, 19-23.	1.6	7
115	Nitrate ion-selective electrode as reference electrode for flow-injection analysis. <i>Analytica Chimica Acta</i> , 1992, 261, 419-423.	5.4	7
116	Optimal design of an enzymic reactor for flow injection analysis. <i>Biotechnology Progress</i> , 1993, 9, 473-480.	2.6	7
117	Synthesis of bis-aminosubstituted indocyanine dyes for their use in polymeric compositions. <i>Dyes and Pigments</i> , 2014, 109, 34-41.	3.7	7
118	Detection and analysis of cobalt in continuous flow using an analytical microsystem based on LTCC technology. <i>Sensors and Actuators B: Chemical</i> , 2016, 227, 11-16.	7.8	7
119	Microfabrication of Monolithic Microfluidic Platforms Using Low Temperature Co-Fired Ceramics Suitable for Fluorescence Imaging. <i>Analytical Chemistry</i> , 2017, 89, 9147-9153.	6.5	7
120	Evaluation of a mathematical model to simulate dynamic response of tubular potentiometric sensors in flow-injection systems. <i>Sensors and Actuators A: Physical</i> , 1993, 37-38, 607-611.	4.1	6
121	A new type of hybrid chemical sensor. <i>Sensors and Actuators B: Chemical</i> , 1993, 15, 214-217.	7.8	6
122	Dual-wavelength measurement system for absorbance chemical sensing. <i>Measurement Science and Technology</i> , 2007, 18, 3443-3450.	2.6	6
123	Porosity enhancement by the utilization of screening patterns in electro-perforated paper webs. <i>Journal of Electrostatics</i> , 2010, 68, 196-199.	1.9	6
124	A low-cost automated flow analyzer based on low temperature co-fired ceramic and LED photometer for ascorbic acid determination. <i>Open Chemistry</i> , 2014, 12, 341-347.	1.9	6
125	Automatic microfluidic system to perform multi-step magneto-biochemical assays. <i>Sensors and Actuators B: Chemical</i> , 2017, 245, 477-483.	7.8	6
126	Automated analytical microsystem for the spectrophotometric monitoring of titratable acidity in white, ros� and red wines. <i>Analytica Chimica Acta</i> , 2019, 1091, 50-58.	5.4	6



#	ARTICLE	IF	CITATIONS
127	Monitoring of total potassium in winemaking processes using a potentiometric analytical microsystem. Food Chemistry, 2021, 345, 128779.	8.2	5
128	Rapid warning microanalyzer for heavy metals monitoring in natural waters. Sensors and Actuators B: Chemical, 2022, 368, 132180.	7.8	5
129	Application of the Powell method to the optimization of flow injection systems. Journal of Chemometrics, 2005, 3, 285-292.	1.3	4
130	Boron trifluorideâ€“methanol complex. Mild and powerful reagent for deprotection of acetylated amines. Scope and selectivity. Tetrahedron Letters, 2016, 57, 641-644.	1.4	4
131	Biomedical point-of-care microanalyzer for potentiometric determination of ammonium ion in plasma and whole blood. Analytica Chimica Acta, 2022, 1205, 339782.	5.4	4
132	Residual aqueous ozone determination by gas diffusion reverse flow injection analysis. Analytical and Bioanalytical Chemistry, 2005, 382, 388-395.	3.7	3
133	Adaptative Flow Injection System for Environmental Applications. Mikrochimica Acta, 2008, 162, 277-286.	5.0	3
134	Use of a linear function of several variables in simplex optimization as a procedure for assessing analytical versatility in FIA. Journal of Chemometrics, 2005, 3, 249-256.	1.3	2
135	Simple modeling of the physical sample dispersion process in rectangular meso (micro) channels with pressure-driven flows. Analytical and Bioanalytical Chemistry, 2009, 393, 1233-1243.	3.7	2
136	Thick film high dielectric constant resonators. , 2011, , .		2
137	A Compact Miniaturized Flow System Based on Low-Temperature Co-fired Ceramic Technology Coupled to LED Mini-photometer for Determination of Dipyrone in Pharmaceutical Formulations. Journal of the Brazilian Chemical Society, 2013, , .	0.6	2
138	Fluorescence Imaging Characterization of the Separation Process in a Monolithic Microfluidic Free-Flow Electrophoresis Device Fabricated Using Low-Temperature Co-Fired Ceramics. Micromachines, 2022, 13, 1023.	2.9	2
139	Effect of the Electric Discharge Confinement on the Perforation Density of Porous Materials. , 2010, , .		1
140	Analysis of electroperforated materials using the quadrat counts method. Journal of Physics: Conference Series, 2011, 301, 012049.	0.4	1
141	New approach to electronic band gap filtering structures combining microstrip and dielectric resonators. , 2013, , .		1
142	Miniaturization of microwave resonant particles by the utilization of embedded high dielectric constant paste. , 2014, , .		1
143	Microanalyser Prototype for On-Line Monitoring of Copper(II) Ion in Mining Industrial Processes. Sensors, 2019, 19, 3382.	3.8	1
144	Boron Trifluorideâ€“Methanol Complex â€” Mild and Powerful Reagent for Deprotection of Labile Acetylated Amines.. ChemInform, 2003, 34, no.	0.0	0

#	ARTICLE	IF	CITATIONS
145	Effect of the Electric Discharge Confinement on the Perforation Density of Porous Materials. IEEE Transactions on Industry Applications, 2011, 47, 2367-2373.	4.9	0
146	Method for improving the electrostatics perforation pattern using power controlled discharges. Journal of Physics: Conference Series, 2011, 301, 012016.	0.4	0
147	Industrial electrostatics perforation improvement by power controlled discharges. , 2011, , .		0
148	Detection and characterization of the spatial inhibition potential in electroperforated sheet materials. Journal of Electrostatics, 2012, 70, 264-268.	1.9	0
149	Nanosecond fluorescence lifetime low-cost sensor. , 2014, , .		0
150	Synthesis and optical characterization of new ketocyanine dyes with extended polymethine chains. Journal of Heterocyclic Chemistry, 2020, 57, 3193-3201.	2.6	0
151	Dual Wavelength Integrated Optical System for Chemical Ion-Selective Sensing. , 2006, , .		0
152	Bidimensional Planar Micro optics for Absorbance Optochemical Sensing. , 1997, , .		0