

# João Carlos de Andrade

## List of Publications by Year in descending order

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38  
papers

590  
citations

687363

13  
h-index

610901

24  
g-index

38  
all docs

38  
docs citations

38  
times ranked

573  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of organic matter in soils using radial basis function networks and near infrared spectroscopy. <i>Analytica Chimica Acta</i> , 2002, 453, 125-134.	5.4	124
2	Sequential spectrophotometric determination of chromium(III) and chromium(VI) using flow injection analysis. <i>Analyst, The</i> , 1985, 110, 197.	3.5	74
3	Determination of organic matter in soil using near-infrared spectroscopy and partial least squares regression. <i>Communications in Soil Science and Plant Analysis</i> , 2002, 33, 1607-1615.	1.4	62
4	On-line oxidation of Cr(III) to Cr(VI) for use with the flow injection analysis technique. <i>Analyst, The</i> , 1984, 109, 645.	3.5	51
5	Effect of on-line complex formation kinetics on the flow injection analysis signal: the spectrophotometric determination of chromium(VI). <i>Analyst, The</i> , 1983, 108, 621.	3.5	28
6	Multivariate calibration applied to a highly interfering chemical system. <i>Analytica Chimica Acta</i> , 2000, 423, 31-40.	5.4	28
7	Spectrophotometric determination of boron in plants using monosegmented continuous flow analysis. <i>Analyst, The</i> , 1988, 113, 289.	3.5	25
8	Application of the split-plot experimental design for the optimization of a catalytic procedure for the determination of Cr(VI). <i>Analytica Chimica Acta</i> , 1998, 369, 269-279.	5.4	21
9	Catalytic determination of molybdenum (VI) in plants using mono-segmented continuous-flow analysis and spectrophotometric detection. <i>Analyst, The</i> , 1993, 118, 213.	3.5	20
10	Revisiting titration procedures for the determination of exchangeable acidity and exchangeable aluminum in soils. <i>Communications in Soil Science and Plant Analysis</i> , 1998, 29, 1973-1982.	1.4	18
11	Determination of molybdenum in steel by adsorptive stripping voltammetry in a homogeneous ternary solvent system. <i>Analyst, The</i> , 2001, 126, 892-896.	3.5	16
12	Direct voltammetric determination of Mo(VI) in plants: the need for a multivariate study of interferences. <i>Analytica Chimica Acta</i> , 2003, 487, 243-248.	5.4	15
13	Pruning neural network for architecture optimization applied to near-infrared reflectance spectroscopic measurements. Determination of the nitrogen content in wheat leaves. <i>Analyst, The</i> , 1999, 124, 1669-1674.	3.5	14
14	A continuous flow cold vapour procedure for mercury determination by atomic emission using the reverse flow injection approach. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1994, 49, 787-795.	2.9	13
15	Study of the Mo(VI) catalytic response in the oxidation of iodide by hydrogen peroxide using a monosegmented continuous-flow system. <i>Analytica Chimica Acta</i> , 1991, 255, 149-155.	5.4	11
16	Split-plot design optimization for trace determination of lead by anodic stripping voltammetry in a homogeneous ternary solvent system. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2004, 70, 113-121.	3.5	11
17	PLS regression using real sample calibration for aluminum and iron determination in plant extracts. <i>Analyst, The</i> , 2002, 127, 135-139.	3.5	10
18	Química analítica básica: os conceitos ácido-base e a escala de pH. <i>Revista Chemkeys</i> , 2018, , 1-6.	0.0	6

#	ARTICLE	IF	CITATIONS
19	Is statistical lack of fit a reliable criterion for chemical complexity?. Chemometrics and Intelligent Laboratory Systems, 1996, 33, 159-166.	3.5	5
20	Analytical methods and quality assurance. Communications in Soil Science and Plant Analysis, 2000, 31, 2027-2037.	1.4	4
21	Química analítica básica. Revista Chemkeys, 0, 1, e019001.	0.0	4
22	Química analítica básica. Revista Chemkeys, 0, 2, .	0.0	4
23	Química analítica básica. Revista Chemkeys, 0, 3, e021002.	0.0	3
24	Química analítica básica. Revista Chemkeys, 0, 1, e019002.	0.0	3
25	Química analítica básica. Revista Chemkeys, 0, 3, e021005.	0.0	3
26	Simple digital counter for use with monosegmented continuous flow analysis and related techniques. Analyst, The, 1988, 113, 295.	3.5	2
27	Time-based injection approach for monosegmented continuous flow systems and related techniques. Journal of Automated Methods and Management in Chemistry, 1996, 18, 199-203.	0.3	2
28	Determination of Bicarbonate in Substrate Extracts Using Back-titration and the Gran Plot Approach. Communications in Soil Science and Plant Analysis, 2005, 36, 2359-2366.	1.4	2
29	Elimination of Iron Interference in the Molecular Spectrophotometric Determination of Aluminum in Soil Extracts Using Artificial Neural Networks. Analytical Sciences, 2008, 24, 1147-1150.	1.6	2
30	Procedimentos básicos em laboratórios de análise. Revista Chemkeys, 2018, , 1-21.	0.0	2
31	Os instrumentos básicos de laboratório. Revista Chemkeys, 2019, , 1-14.	0.0	2
32	High-performance modular spectrophotometric flow cell. Analyst, The, 1991, 116, 905.	3.5	1
33	Reducing the number of experiments in split-plot optimization designs. Journal of the Brazilian Chemical Society, 2004, 15, 241-245.	0.6	1
34	Aplicações dos fundamentos da análise qualitativa. Revista Chemkeys, 2019, , 1-17.	0.0	1
35	Química analítica básica. Revista Chemkeys, 0, 1, e019003.	0.0	1
36	Química analítica básica. Revista Chemkeys, 0, 2, e20001.	0.0	1

#	ARTICLE	IF	CITATIONS
37	Modeling a New Fixed-Time Batch Approach for Mo(VI) Determination. Analytical Letters, 2007, 40, 947-959.	1.8	0
38	Química analítica básica. Revista Chemkeys, 0, 2, e020003.	0.0	0