

Francisco Javier Manuel de Villena

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5626737/publications.pdf>

Version: 2024-02-01

24
papers

755
citations

758635

12
h-index

610482

24
g-index

24
all docs

24
docs citations

24
times ranked

794
citing authors

#	ARTICLE	IF	CITATIONS
1	Amperometric flow-injection determination of phenolic compounds at self-assembled monolayer-based tyrosinase biosensors. <i>Analytica Chimica Acta</i> , 2003, 494, 187-197.	2.6	136
2	Preparation, characterization and application of alkanethiol self-assembled monolayers modified with tetrathiafulvalene and glucose oxidase at a gold disk electrode. <i>Journal of Electroanalytical Chemistry</i> , 2002, 526, 92-100.	1.9	113
3	Identification and discrimination of bacterial strains by laser induced breakdown spectroscopy and neural networks. <i>Talanta</i> , 2011, 84, 730-737.	2.9	66
4	Rapid identification and discrimination of bacterial strains by laser induced breakdown spectroscopy and neural networks. <i>Talanta</i> , 2014, 121, 65-70.	2.9	57
5	Application of Laser-Induced Breakdown Spectroscopy (LIBS) and Neural Networks to Olive Oils Analysis. <i>Applied Spectroscopy</i> , 2013, 67, 1064-1072.	1.2	56
6	Amperometric selective biosensing of dimethyl- and diethylthiocarbamates based on inhibition processes in a medium of reversed micelles. <i>Analytica Chimica Acta</i> , 1997, 340, 89-97.	2.6	55
7	Determination of formaldehyde in air by flow injection using pararosaniline and spectrophotometric detection. <i>Analyst, The</i> , 1989, 114, 1469-1471.	1.7	37
8	An integrated electrochemical fructose biosensor based on tetrathiafulvalene-modified self-assembled monolayers on gold electrodes. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 377, 600-607.	1.9	36
9	An integrated bienzyme glucose oxidaseâ€“fructose dehydrogenaseâ€“tetrathiafulvalene-3-mercaptopropionic acidâ€“gold electrode for the simultaneous determination of glucose and fructose. <i>Bioelectrochemistry</i> , 2004, 63, 199-206.	2.4	36
10	Polarographic study of simazine in micellar and emulsified media. <i>Analytica Chimica Acta</i> , 1993, 273, 343-349.	2.6	22
11	Electrochemical sensor for rapid determination of fibroblast growth factor receptor 4 in raw cancer cell lysates. <i>PLoS ONE</i> , 2017, 12, e0175056.	1.1	22
12	Determination of methoprotropryne and terbutryn by adsorptive stripping voltammetry on the hanging mercury drop electrode. <i>Analyst, The</i> , 1993, 118, 1405-1410.	1.7	21
13	Determination of Dinoseb by adsorptive stripping voltammetry. <i>Electroanalysis</i> , 1991, 3, 419-422.	1.5	13
14	Adsorptive stripping voltammetry in dispersed media. Application to the determination of the herbicide terbutryn. <i>Electroanalysis</i> , 1995, 7, 644-648.	1.5	11
15	A Lactulose Bienzyme Biosensor Based on Self-Assembled Monolayer Modified Electrodes. <i>Electroanalysis</i> , 2004, 16, 1385-1392.	1.5	11
16	Polarographic determination of pirimicarb. <i>Analytica Chimica Acta</i> , 1990, 234, 309-313.	2.6	9
17	Reticulated Vitreous Carbon-Based Composite Enzyme Electrodes as Suitable Biosensors in Both Aqueous and Predominantly Nonaqueous Media. <i>Electroanalysis</i> , 1999, 11, 85-92.	1.5	9
18	Determination of the herbicide desmetryne in organised media by adsorptive stripping voltammetry. <i>Talanta</i> , 2001, 53, 991-1000.	2.9	9

#	ARTICLE	IF	CITATIONS
19	Ruthenium and ruthenium dioxide-modified graphiteâ€“ethylene/propylene/diene and graphiteâ€“Teflon composite electrodes as amperometric flow detectors. Application to the determination of methionine. Fresenius' Journal of Analytical Chemistry, 2001, 371, 507-513.	1.5	8
20	New approach to optimize HPLC separations of acidâ€“base compounds with elution order involved, by using combined three-band resolution maps. Analytical and Bioanalytical Chemistry, 2010, 396, 2647-2656.	1.9	8
21	Kinetic-spectrophotometric determination of low cyanide concentrations in the presence of large amounts of thiocyanate. Analyst, The, 1988, 113, 573.	1.7	7
22	Determination of dinoseb by adsorptive stripping voltammetry using a mercury film electrode. Fresenius' Journal of Analytical Chemistry, 1994, 349, 546-551.	1.5	7
23	Oil-in-water emulsions as suitable working media for the direct polarographic determination of aziprotryne and desmetryne from its organic extracts in water samples. Fresenius' Journal of Analytical Chemistry, 2000, 367, 454-460.	1.5	4
24	Determination of propazine by differential pulse polarography in micellar and emulsified media. Mikrochimica Acta, 1995, 120, 339-349.	2.5	2