

Carmen Molins- Legua

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

302
citations

933447

10
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

268
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of the H-point standard-additions method for ultraviolet-visible spectroscopic kinetic analysis of two-component systems. <i>Analytical Chemistry</i> , 1991, 63, 2424-2429.	6.5	76
2	Amphetamine and methamphetamine determination in urine by reversed-phase high-performance liquid chromatography with simultaneous sample clean-up and derivatization with naphthoquinone 4-sulphonate on solid-phase cartridges. <i>Biomedical Applications</i> , 1996, 687, 239-246.	1.7	37
3	Ammonium Determination in Water Samples by Using Opa-Nac Reagent: A Comparative Study with Nessler and Ammonium Selective Electrode Methods. <i>International Journal of Environmental Analytical Chemistry</i> , 2002, 82, 475-489.	3.3	33
4	Nylon-Supported Plasmonic Assay Based on the Aggregation of Silver Nanoparticles: In Situ Determination of Hydrogen Sulfide-like Compounds in Breath Samples as a Proof of Concept. <i>ACS Sensors</i> , 2019, 4, 2164-2172.	7.8	31
5	Monofunctional pyrenes at carbon nanotube electrodes for direct electron transfer H ₂ O ₂ reduction with HRP and HRP-bacterial nanocellulose. <i>Biosensors and Bioelectronics</i> , 2021, 187, 113304.	10.1	18
6	New Tools for Characterizing Metallic Nanoparticles: AgNPs, A Case Study. <i>Analytical Chemistry</i> , 2016, 88, 1485-1493.	6.5	15
7	Solid glucose biosensor integrated in a multi-well microplate coupled to a camera-based detector: Application to the multiple analysis of human serum samples. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 331-341.	7.8	15
8	Trends in Online Intube Solid Phase Microextraction. <i>Comprehensive Analytical Chemistry</i> , 2017, , 427-461.	1.3	13
9	New Reusable Solid Biosensor with Covalent Immobilization of the Horseradish Peroxidase Enzyme: In Situ Liberation Studies of Hydrogen Peroxide by Portable Chemiluminescent Determination. <i>ACS Omega</i> , 2020, 5, 2419-2427.	3.5	13
10	Scaling the Analytical Information Given by Several Types of Colorimetric and Spectroscopic Instruments Including Smartphones: Rules for Their Use and Establishing Figures of Merit of Solid Chemosensors. <i>Analytical Chemistry</i> , 2021, 93, 6043-6052.	6.5	10
11	Delivering Inorganic and Organic Reagents and Enzymes from Zein and Developing Optical Sensors. <i>Analytical Chemistry</i> , 2018, 90, 8501-8508.	6.5	8
12	Quantifying both ammonium and proline in wines and beer by using a PDMS composite for sensing. <i>Talanta</i> , 2019, 198, 371-376.	5.5	7
13	Improving Sustainability of the Griess Reaction by Reagent Stabilization on PDMS Membranes and ZnNPs as Reductor of Nitrates: Application to Different Water Samples. <i>Polymers</i> , 2022, 14, 464.	4.5	6
14	Microextraction with phases containing nanoparticles. <i>Bioanalysis</i> , 2015, 7, 2163-2170.	1.5	5
15	Reduction of Nitrates in Waste Water through the Valorization of Rice Straw: LIFE LIBERNITRATE Project. <i>Sustainability</i> , 2018, 10, 3007.	3.2	5
16	Combining high performance thin layer chromatography with minispectrometer-fiber optic probe-coupled to smartphone for in place analysis: Lactose quantification in several matrices. <i>Journal of Chromatography A</i> , 2022, 1661, 462694.	3.7	5
17	NQS-Doped PDMS Solid Sensor: From Water Matrix to Urine Enzymatic Application. <i>Biosensors</i> , 2021, 11, 186.	4.7	3
18	Portable solid sensor supported in nylon for silver ion determination: testing its liberation as biocide. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 4393-4402.	3.7	1

#	ARTICLE	IF	CITATIONS
19	Luminol Doped Silica-Polymer Sensor for Portable Organic Amino Nitrogen and Ammonium Determination in Water. Separations, 2021, 8, 149.	2.4	1