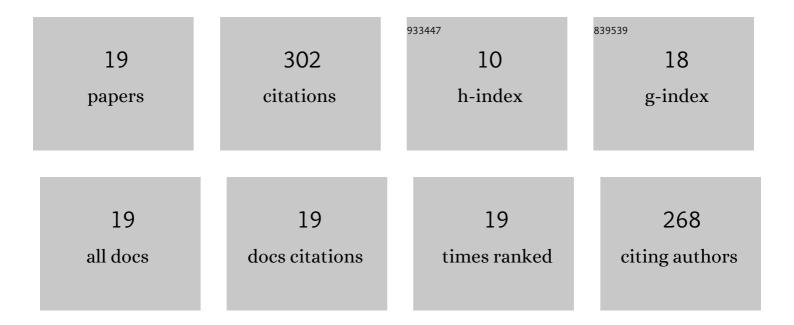
Carmen Molins- Legua

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Development of the H-point standard-additions method for ultraviolet-visible spectroscopic kinetic analysis of two-component systems. Analytical Chemistry, 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. Biomedical Applications, 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. International Journal of Environmental Analytical Chemistry, 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. ACS Sensors, 2019, 4, 2164-2172.	7.8	31
5	Monofunctional pyrenes at carbon nanotube electrodes for direct electron transfer H2O2 reduction with HRP and HRP-bacterial nanocellulose. Biosensors and Bioelectronics, 2021, 187, 113304.	10.1	18
6	New Tools for Characterizing Metallic Nanoparticles: AgNPs, A Case Study. Analytical Chemistry, 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. Sensors and Actuators B: Chemical, 2018, 258, 331-341.	7.8	15
8	Trends in Online Intube Solid Phase Microextraction. Comprehensive Analytical Chemistry, 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. ACS Omega, 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. Analytical Chemistry, 2021, 93, 6043-6052.	6.5	10
11	Delivering Inorganic and Organic Reagents and Enzymes from Zein and Developing Optical Sensors. Analytical Chemistry, 2018, 90, 8501-8508.	6.5	8
12	Quantifying both ammonium and proline in wines and beer by using a PDMS composite for sensoring. Talanta, 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. Polymers, 2022, 14, 464.	4.5	6
14	Microextraction with phases containing nanoparticles. Bioanalysis, 2015, 7, 2163-2170.	1.5	5
15	Reduction of Nitrates in Waste Water through the Valorization of Rice Straw: LIFE LIBERNITRATE Project. Sustainability, 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. Journal of Chromatography A, 2022, 1661, 462694.	3.7	5
17	NQS-Doped PDMS Solid Sensor: From Water Matrix to Urine Enzymatic Application. Biosensors, 2021, 11, 186.	4.7	3
18	Portable solid sensor supported in nylon for silver ion determination: testing its liberation as biocide. Analytical and Bioanalytical Chemistry, 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