

# Guillermo Lasarte Aragons

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29  
papers

887  
citations

16  
h-index

29  
g-index

32  
ext. papers

1,079  
ext. citations

7.4  
avg, IF

4.39  
L-index

#	Paper	IF	Citations
29	Fluorescent Sensors in Food Industry <b>2022</b> ,		
28	Selectivity-enhanced sorbents <b>2021</b> , 229-252		0
27	Switchable solvents <b>2021</b> , 453-470		
26	Fan-based device for integrated air sampling and microextraction. <i>Talanta</i> , <b>2021</b> , 230, 122290	6.2	1
25	Quantum Dot Lipase Biosensor Utilizing a Custom-Synthesized Peptidyl-Ester Substrate. <i>ACS Sensors</i> , <b>2020</b> , 5, 1295-1304	9.2	11
24	Effervescence-Assisted Microextraction-One Decade of Developments. <i>Molecules</i> , <b>2020</b> , 25,	4.8	5
23	Femtosecond Laser Pulse Excitation of DNA-Labeled Gold Nanoparticles: Establishing a Quantitative Local Nanothermometer for Biological Applications. <i>ACS Nano</i> , <b>2020</b> , 14, 8570-8583	16.7	14
22	Nanoparticle-Peptide-Drug Bioconjugates for Unassisted Defeat of Multidrug Resistance in a Model Cancer Cell Line. <i>Bioconjugate Chemistry</i> , <b>2019</b> , 30, 525-530	6.3	13
21	Ionic liquids-based dispersive liquid-liquid microextraction for determination of carcinogenic polycyclic aromatic hydrocarbons in tea beverages: Evaluation of infusion preparation on pollutants release. <i>Food Control</i> , <b>2019</b> , 106, 106685	6.2	20
20	Artificial Multienzyme Scaffolds: Pursuing in Vitro Substrate Channeling with an Overview of Current Progress. <i>ACS Catalysis</i> , <b>2019</b> , 9, 10812-10869	13.1	53
19	Application of Switchable Hydrophobicity Solvents for Extraction of Emerging Contaminants in Wastewater Samples. <i>Molecules</i> , <b>2019</b> , 25,	4.8	6
18	Detecting Biothreat Agents: From Current Diagnostics to Developing Sensor Technologies. <i>ACS Sensors</i> , <b>2018</b> , 3, 1894-2024	9.2	83
17	Enhancing Coupled Enzymatic Activity by Colocalization on Nanoparticle Surfaces: Kinetic Evidence for Directed Channeling of Intermediates. <i>ACS Nano</i> , <b>2018</b> , 12, 7911-7926	16.7	32
16	Intracellularly Actuated Quantum Dot-Peptide-Doxorubicin Nanobioconjugates for Controlled Drug Delivery via the Endocytic Pathway. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 136-148	6.3	28
15	Quantum Dots as Förster Resonance Energy Transfer Acceptors of Lanthanides in Time-Resolved Bioassays. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 3006-3014	5.6	16
14	A Quantum Dot-Protein Bioconjugate That Provides for Extracellular Control of Intracellular Drug Release. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 2455-2467	6.3	16
13	Bridging Lanthanide to Quantum Dot Energy Transfer with a Short-Lifetime Organic Dye. <i>Journal of Physical Chemistry Letters</i> , <b>2017</b> , 8, 2182-2188	6.4	22

12	Elucidating Surface Ligand-Dependent Kinetic Enhancement of Proteolytic Activity at Surface-Modified Quantum Dots. <i>ACS Nano</i> , <b>2017</b> , 11, 5884-5896	16.7	28
11	Selective Nanoparticles in Microextraction <b>2016</b> , 1-13		
10	Ionic liquids for improving the extraction of NSAIDs in water samples using dispersive liquid-liquid microextraction by high performance liquid chromatography-diode array-fluorescence detection. <i>Talanta</i> , <b>2015</b> , 134, 619-626	6.2	43
9	Use of switchable solvents in the microextraction context. <i>Talanta</i> , <b>2015</b> , 131, 645-9	6.2	92
8	Use of switchable hydrophilicity solvents for the homogeneous liquid-liquid microextraction of triazine herbicides from environmental water samples. <i>Journal of Separation Science</i> , <b>2015</b> , 38, 990-5	3.4	67
7	Effervescence assisted dispersive liquid-liquid microextraction with extractant removal by magnetic nanoparticles. <i>Analytica Chimica Acta</i> , <b>2014</b> , 807, 61-6	6.6	86
6	Effervescence-assisted carbon nanotubes dispersion for the micro-solid-phase extraction of triazine herbicides from environmental waters. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 3269-77	4.4	58
5	Hybridization of commercial polymeric microparticles and magnetic nanoparticles for the dispersive micro-solid phase extraction of nitroaromatic hydrocarbons from water. <i>Journal of Chromatography A</i> , <b>2013</b> , 1271, 50-5	4.5	44
4	Aptamers in Analytical Chemistry <b>2012</b> ,		2
3	Nanoparticle-based microextraction techniques in bioanalysis. <i>Bioanalysis</i> , <b>2011</b> , 3, 2533-48	2.1	28
2	Effervescence-assisted dispersive micro-solid phase extraction. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 9128-34	4.5	59
1	Shotgun redox proteomics identifies specifically modified cysteines in key metabolic enzymes under oxidative stress in <i>Saccharomyces cerevisiae</i> . <i>Journal of Proteomics</i> , <b>2009</b> , 72, 677-89	3.9	59