Guillermo Lasarte Aragons

List of Publications by Citations

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	Use of switchable solvents in the microextraction context. *Talanta*, **2015**, 131, 645-9	6.2	92
28	Effervescence assisted dispersive liquid-liquid microextraction with extractant removal by magnetic nanoparticles. *Analytica Chimica Acta*, **2014**, 807, 61-6	6.6	86
27	Detecting Biothreat Agents: From Current Diagnostics to Developing Sensor Technologies. *ACS Sensors*, **2018**, 3, 1894-2024	9.2	83
26	Use of switchable hydrophilicity solvents for the homogeneous liquid-liquid microextraction of triazine herbicides from environmental water samples. *Journal of Separation Science*, **2015**, 38, 990-5	3.4	67
25	Effervescence-assisted dispersive micro-solid phase extraction. *Journal of Chromatography A*, **2011**, 1218, 9128-34	4.5	59
24	Shotgun redox proteomics identifies specifically modified cysteines in key metabolic enzymes under oxidative stress in Saccharomyces cerevisiae. *Journal of Proteomics*, **2009**, 72, 677-89	3.9	59
23	Effervescence-assisted carbon nanotubes dispersion for the micro-solid-phase extraction of triazine herbicides from environmental waters. *Analytical and Bioanalytical Chemistry*, **2013**, 405, 3269-77	4.4	58
22	Artificial Multienzyme Scaffolds: Pursuing in Vitro Substrate Channeling with an Overview of Current Progress. *ACS Catalysis*, **2019**, 9, 10812-10869	13.1	53
21	Hybridization of commercial polymeric microparticles and magnetic nanoparticles for the dispersive micro-solid phase extraction of nitroaromatic hydrocarbons from water. *Journal of Chromatography A*, **2013**, 1271, 50-5	4.5	44
20	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. *Talanta*, **2015**, 134, 619-626	6.2	43
19	Enhancing Coupled Enzymatic Activity by Colocalization on Nanoparticle Surfaces: Kinetic Evidence for Directed Channeling of Intermediates. *ACS Nano*, **2018**, 12, 7911-7926	16.7	32
18	Elucidating Surface Ligand-Dependent Kinetic Enhancement of Proteolytic Activity at Surface-Modified Quantum Dots. *ACS Nano*, **2017**, 11, 5884-5896	16.7	28
17	Nanoparticle-based microextraction techniques in bioanalysis. *Bioanalysis*, **2011**, 3, 2533-48	2.1	28
16	Intracellularly Actuated Quantum Dot-Peptide-Doxorubicin Nanobioconjugates for Controlled Drug Delivery via the Endocytic Pathway. *Bioconjugate Chemistry*, **2018**, 29, 136-148	6.3	28
15	Bridging Lanthanide to Quantum Dot Energy Transfer with a Short-Lifetime Organic Dye. *Journal of Physical Chemistry Letters*, **2017**, 8, 2182-2188	6.4	22
14	Ionic liquids-based dispersive liquid-liquid microextraction for determination of carcinogenic polycyclic aromatic hydrocarbons in tea beverages: Evaluation of infusion preparation on pollutants release. *Food Control*, **2019**, 106, 106685	6.2	20
13	Quantum Dots as Förster Resonance Energy Transfer Acceptors of Lanthanides in Time-Resolved Bioassays. *ACS Applied Nano Materials*, **2018**, 1, 3006-3014	5.6	16

List of Publications

12	A Quantum Dot-Protein Bioconjugate That Provides for Extracellular Control of Intracellular Drug Release. *Bioconjugate Chemistry*, **2018**, 29, 2455-2467	6.3	16
11	Femtosecond Laser Pulse Excitation of DNA-Labeled Gold Nanoparticles: Establishing a Quantitative Local Nanothermometer for Biological Applications. *ACS Nano*, **2020**, 14, 8570-8583	16.7	14
10	Nanoparticle-Peptide-Drug Bioconjugates for Unassisted Defeat of Multidrug Resistance in a Model Cancer Cell Line. *Bioconjugate Chemistry*, **2019**, 30, 525-530	6.3	13
9	Quantum Dot Lipase Biosensor Utilizing a Custom-Synthesized Peptidyl-Ester Substrate. *ACS Sensors*, **2020**, 5, 1295-1304	9.2	11
8	Application of Switchable Hydrophobicity Solvents for Extraction of Emerging Contaminants in Wastewater Samples. *Molecules*, **2019**, 25,	4.8	6
7	Effervescence-Assisted Microextraction-One Decade of Developments. *Molecules*, **2020**, 25,	4.8	5
6	Aptamers in Analytical Chemistry **2012**,		2
5	Fan-based device for integrated air sampling and microextraction. *Talanta*, **2021**, 230, 122290	6.2	1
4	Selectivity-enhanced sorbents **2021**, 229-252		0
3	Selective Nanoparticles in Microextraction **2016**, 1-13		
2	Switchable solvents **2021**, 453-470		
1	Fluorescent Sensors in Food Industry **2022**,		