

M Laura Laura Soriano

List of Publications by Citations

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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.

53
papers

1,598
citations

23
h-index

39
g-index

56
ext. papers

1,795
ext. citations

5.5
avg, IF

5.18
L-index

#	Paper	IF	Citations
53	Semiconductor and carbon-based fluorescent nanodots: the need for consistency. <i>Chemical Communications</i> , 2016 , 52, 1311-26	5.8	304
52	Fluorescent carbon quantum dot hydrogels for direct determination of silver ions. <i>Talanta</i> , 2016 , 151, 100-105	6.2	94
51	Fluorescent carbon dot-molecular salt hydrogels. <i>Chemical Science</i> , 2015 , 6, 6139-6146	9.4	76
50	Reusable sensor based on functionalized carbon dots for the detection of silver nanoparticles in cosmetics via inner filter effect. <i>Analytica Chimica Acta</i> , 2015 , 872, 70-6	6.6	69
49	Strong luminescence of carbon dots induced by acetone passivation: efficient sensor for a rapid analysis of two different pollutants. <i>Analytica Chimica Acta</i> , 2013 , 804, 246-51	6.6	69
48	Self-assembly of ligands designed for the building of a new type of [2 x 2] metallic grid. anion encapsulation and diffusion NMR spectroscopy. <i>Inorganic Chemistry</i> , 2008 , 47, 413-28	5.1	64
47	Fluorescent nanocellulosic hydrogels based on graphene quantum dots for sensing laccase. <i>Analytica Chimica Acta</i> , 2017 , 974, 93-99	6.6	62
46	Anion-dependent self-assembly of silver(I) and diaminotriazines to coordination polymers: non-covalent bonds and role interchange between silver and hydrogen bonds. <i>Inorganic Chemistry</i> , 2008 , 47, 8957-71	5.1	59
45	Photoluminescent sensing hydrogel platform based on the combination of nanocellulose and S,N-codoped graphene quantum dots. <i>Sensors and Actuators B: Chemical</i> , 2017 , 245, 946-953	8.5	57
44	Functionalized carbon dots as sensors for gold nanoparticles in spiked samples: formation of nanohybrids. <i>Analytica Chimica Acta</i> , 2014 , 820, 133-8	6.6	47
43	Nanocellulose as analyte and analytical tool: Opportunities and challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 87, 1-18	14.6	46
42	Sulfonated nanocellulose for the efficient dispersive micro solid-phase extraction and determination of silver nanoparticles in food products. <i>Journal of Chromatography A</i> , 2016 , 1428, 352-8	4.5	45
41	Ternary composites of nanocellulose, carbonnanotubes and ionic liquids as new extractants for direct immersion single drop microextraction. <i>Talanta</i> , 2014 , 125, 72-7	6.2	44
40	Analytical Nanoscience and Nanotechnology: Where we are and where we are heading. <i>Talanta</i> , 2018 , 177, 104-121	6.2	43
39	ECyclodextrin decorated nanocellulose: a smart approach towards the selective fluorimetric determination of danofloxacin in milk samples. <i>Analyst, The</i> , 2015 , 140, 3431-8	5	38
38	Photoluminescent carbon dot sensor for carboxylated multiwalled carbon nanotube detection in river water. <i>Sensors and Actuators B: Chemical</i> , 2015 , 207, 596-601	8.5	34
37	One-Step Synthesis and Characterization of N-Doped Carbon Nanodots for Sensing in Organic Media. <i>Analytical Chemistry</i> , 2016 , 88, 3178-85	7.8	34

36	Different natures of surface electronic transitions of carbon nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 22670-22677	3.6	31
35	Pharmaceutical crystallization with nanocellulose organogels. <i>Chemical Communications</i> , 2016 , 52, 7782-58	3.5	30
34	Gels based on nanocellulose with photosensitive ruthenium bipyridine moieties as sensors for silver nanoparticles in real samples. <i>Sensors and Actuators B: Chemical</i> , 2016 , 229, 31-37	8.5	29
33	One-pot synthesis of graphene quantum dots and simultaneous nanostructured self-assembly a novel microwave-assisted method: impact on triazine removal and efficiency monitoring.. <i>RSC Advances</i> , 2018 , 8, 29939-29946	3.7	28
32	Analysis of citrate-capped gold and silver nanoparticles by thiol ligand exchange capillary electrophoresis. <i>Mikrochimica Acta</i> , 2014 , 181, 1789-1796	5.8	28
31	New [2 2] copper(i) grids as anion receptors. Effect of ligand functionalization on the ability to host counteranions by hydrogen bonds. <i>Inorganic Chemistry</i> , 2010 , 49, 8828-47	5.1	28
30	Carbon nanotools as sorbents and sensors of nanosized objects: The third way of analytical nanoscience and nanotechnology. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 84, 172-180	14.6	23
29	Synthesis and characterization of Ru(arene) complexes of bispyrazolylazines: Catalytic hydrogen transfer of ketones. <i>Inorganica Chimica Acta</i> , 2009 , 362, 4486-4492	2.7	21
28	Multiple Hydrogen Bonds in the Self-Assembly of Aminotriazine and Glutarimide. Decisive Role of the Triazine Substituents. <i>Crystal Growth and Design</i> , 2008 , 8, 1585-1594	3.5	21
27	βCyclodextrin functionalized carbon quantum dots as sensors for determination of water-soluble C60 Fullerenes in water. <i>Analyst, The</i> , 2016 , 141, 2682-7	5	18
26	Enhanced anion binding from unusual coordination modes of bis(thiourea) ligands in platinum group metal complexes. <i>Chemistry - A European Journal</i> , 2010 , 16, 10818-31	4.8	16
25	Cyclodextrin-modified nanodiamond for the sensitive fluorometric determination of doxorubicin in urine based on its differential affinity towards βCyclodextrins. <i>Mikrochimica Acta</i> , 2018 , 185, 115	5.8	15
24	Ultrafast spectroscopic investigation on fluorescent carbon nanodots: the role of passivation. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 16459-16467	3.6	13
23	Graphene quantum dots for enhancement of fluorimetric detection coupled to capillary electrophoresis for detection of ofloxacin. <i>Electrophoresis</i> , 2019 , 40, 2336-2341	3.6	12
22	Modified nanocellulose as promising material for the extraction of gold nanoparticles. <i>Microchemical Journal</i> , 2018 , 138, 379-383	4.8	12
21	Detection of nanocellulose in commercial products and its size characterization using asymmetric flow field-flow fractionation. <i>Mikrochimica Acta</i> , 2017 , 184, 1069-1076	5.8	10
20	Analytical reliability of simple, rapid, minuturized, direct analytical processes: A call to arms. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 114, 98-107	14.6	8
19	A Comparative Study of Top-Down and Bottom-Up Carbon Nanodots and Their Interaction with Mercury Ions. <i>Nanomaterials</i> , 2021 , 11,	5.4	8

18	Recycled polystyrene-cotton composites, giving a second life to plastic residues for environmental remediation. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 103424	6.8	7
17	Ionic-liquid-based microextraction method for the determination of silver nanoparticles in consumer products. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 5023-5031	4.4	7
16	Cotton fibers functionalized with Cyclodextrins as selectivity enhancer for the direct infusion mass spectrometric determination of cocaine and methamphetamine in saliva samples. <i>Analytica Chimica Acta</i> , 2020 , 1126, 133-143	6.6	7
15	Heracleum Persicum based biosorbent for the removal of paraquat and diquat from waters. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104481	6.8	7
14	Discrimination between nanocurcumin and free curcumin using graphene quantum dots as a selective fluorescence probe. <i>Mikrochimica Acta</i> , 2020 , 187, 446	5.8	6
13	Promising Sensing Platforms Based on Nanocellulose. <i>Springer Series on Chemical Sensors and Biosensors</i> , 2018 , 273-301	2	5
12	ZnII-Cyclen as a Supramolecular Probe for Tagging Thymidine Nucleosides on Carbon Nanotubes. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 3685-3690	3.2	4
11	Carbon-based nanodots as effective electrochemical sensing tools toward the simultaneous detection of bioactive compounds in complex matrices. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 878, 114573	4.1	4
10	Nanotechnological foundations of a new Nephrology. <i>Nefrologia</i> , 2018 , 38, 368-378	1.5	4
9	Passivated graphene quantum dots for carbaryl determination in juices. <i>Journal of Separation Science</i> , 2021 , 44, 1652-1661	3.4	3
8	Recycling Oxacillin Residues from Environmental Waste into Graphene Quantum Dots. <i>Journal of Carbon Research</i> , 2019 , 5, 68	3.3	2
7	Recent Nanomaterials-Based Separation Processes 2019 , 273-308		1
6	Bis-Azolyazine Derivatives as Supramolecular Synthons for Copper and Silver [2 D] Grids and Coordination Polymers57-91		1
5	Moving into Nanotechnology Roles to Mimic and Boost Enzyme Activity. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 2018 , 421-440	0.3	1
4	A Systematic Comparative Study of the Toxicity of Semiconductor and Graphitic Carbon-Based Quantum Dots Using In Vitro Cell Models. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 8845	2.6	1
3	Nanotechnological foundations of a new Nephrology. <i>Nefrologia</i> , 2018 , 38, 362-372	0.4	1
2	Design of a 3D interfacial SERS liquid sensing platform based on Au-nanobones for discrimination and quantitation of quercetin loaded nanoemulsions. <i>Sensors and Actuators B: Chemical</i> , 2022 , 358, 131509	8.5	0
1	Cyclodextrin-modified graphene quantum dots as a novel additive for the selective separation of bioactive compounds by capillary electrophoresis. <i>Mikrochimica Acta</i> , 2021 , 188, 440	5.8	0

