

# M Laura Laura Soriano

## List of Publications by Year in descending order

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53  
papers

2,019  
citations

257101

24  
h-index

233125

45  
g-index

56  
all docs

56  
docs citations

56  
times ranked

2843  
citing authors

#	ARTICLE	IF	CITATIONS
1	Semiconductor and carbon-based fluorescent nanodots: the need for consistency. <i>Chemical Communications</i> , 2016, 52, 1311-1326.	2.2	389
2	Fluorescent carbon quantum dot hydrogels for direct determination of silver ions. <i>Talanta</i> , 2016, 151, 100-105.	2.9	112
3	Fluorescent carbon dot molecular salt hydrogels. <i>Chemical Science</i> , 2015, 6, 6139-6146.	3.7	95
4	Fluorescent nanocellulosic hydrogels based on graphene quantum dots for sensing laccase. <i>Analytica Chimica Acta</i> , 2017, 974, 93-99.	2.6	83
5	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, 246-251.	2.6	81
6	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.	4.0	80
7	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, 70-76.	2.6	79
8	Self-assembly of Ligands Designed for the Building of a New Type of [2 Å– 2] Metallic Grid. Anion Encapsulation and Diffusion NMR Spectroscopy. <i>Inorganic Chemistry</i> , 2008, 47, 413-428.	1.9	64
9	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, 8957-8971.	1.9	60
10	Nanocellulose as analyte and analytical tool: Opportunities and challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 87, 1-18.	5.8	59
11	Analytical Nanoscience and Nanotechnology: Where we are and where we are heading. <i>Talanta</i> , 2018, 177, 104-121.	2.9	56
12	Functionalized carbon dots as sensors for gold nanoparticles in spiked samples: Formation of nanohybrids. <i>Analytica Chimica Acta</i> , 2014, 820, 133-138.	2.6	55
13	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, 352-358.	1.8	51
14	β-Cyclodextrin decorated nanocellulose: a smart approach towards the selective fluorimetric determination of danofloxacin in milk samples. <i>Analyst</i> , 2015, 140, 3431-3438.	1.7	50
15	Ternary composites of nanocellulose, carbon nanotubes and ionic liquids as new extractants for direct immersion single drop microextraction. <i>Talanta</i> , 2014, 125, 72-77.	2.9	49
16	Photoluminescent carbon dot sensor for carboxylated multiwalled carbon nanotube detection in river water. <i>Sensors and Actuators B: Chemical</i> , 2015, 207, 596-601.	4.0	45
17	One-Step Synthesis and Characterization of N-Doped Carbon Nanodots for Sensing in Organic Media. <i>Analytical Chemistry</i> , 2016, 88, 3178-3185.	3.2	39
18	Different natures of surface electronic transitions of carbon nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 22670-22677.	1.3	37

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19	Pharmaceutical crystallization with nanocellulose organogels. <i>Chemical Communications</i> , 2016, 52, 7782-7785.	2.2	35
20	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.	4.0	35
21	One-pot synthesis of graphene quantum dots and simultaneous nanostructured self-assembly via a novel microwave-assisted method: impact on triazine removal and efficiency monitoring. <i>RSC Advances</i> , 2018, 8, 29939-29946.	1.7	35
22	Analysis of citrate-capped gold and silver nanoparticles by thiol ligand exchange capillary electrophoresis. <i>Mikrochimica Acta</i> , 2014, 181, 1789-1796.	2.5	31
23	New [2 Å– 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, 8828-8847.	1.9	28
24	Graphene quantum dots for enhancement of fluorimetric detection coupled to capillary electrophoresis for detection of ofloxacin. <i>Electrophoresis</i> , 2019, 40, 2336-2341.	1.3	27
25	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.	5.8	25
26	A Comparative Study of Top-Down and Bottom-Up Carbon Nanodots and Their Interaction with Mercury Ions. <i>Nanomaterials</i> , 2021, 11, 1265.	1.9	25
27	β-Cyclodextrin functionalized carbon quantum dots as sensors for determination of water-soluble C <sub>60</sub> fullerenes in water. <i>Analyst</i> , 2016, 141, 2682-2687.	1.7	24
28	Synthesis and characterization of Ru(arene) complexes of bispyrazolylazines: Catalytic hydrogen transfer of ketones. <i>Inorganica Chimica Acta</i> , 2009, 362, 4486-4492.	1.2	23
29	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.	1.4	22
30	Cyclodextrin-modified nanodiamond for the sensitive fluorometric determination of doxorubicin in urine based on its differential affinity towards β/γ-cyclodextrins. <i>Mikrochimica Acta</i> , 2018, 185, 115.	2.5	19
31	Ultrafast spectroscopic investigation on fluorescent carbon nanodots: the role of passivation. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 16459-16467.	1.3	19
32	Enhanced Anion Binding from Unusual Coordination Modes of Bis(thiourea) Ligands in Platinum Group Metal Complexes. <i>Chemistry - A European Journal</i> , 2010, 16, 10818-10831.	1.7	17
33	Modified nanocellulose as promising material for the extraction of gold nanoparticles. <i>Microchemical Journal</i> , 2018, 138, 379-383.	2.3	16
34	Recycled polystyrene-cotton composites, giving a second life to plastic residues for environmental remediation. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103424.	3.3	15
35	Heracleum Persicum based biosorbent for the removal of paraquat and diquat from waters. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104481.	3.3	15
36	Discrimination between nanocurcumin and free curcumin using graphene quantum dots as a selective fluorescence probe. <i>Mikrochimica Acta</i> , 2020, 187, 446.	2.5	15

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37	Cotton fibers functionalized with $\beta$ -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.	2.6	14
38	Ionic-liquid-based microextraction method for the determination of silver nanoparticles in consumer products. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 5023-5031.	1.9	12
39	Analytical reliability of simple, rapid, minuturized, direct analytical processes: A call to arms. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 114, 98-107.	5.8	11
40	Detection of nanocellulose in commercial products and its size characterization using asymmetric flow field-flow fractionation. <i>Mikrochimica Acta</i> , 2017, 184, 1069-1076.	2.5	10
41	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.	1.9	10
42	Promising Sensing Platforms Based on Nanocellulose. <i>Springer Series on Chemical Sensors and Biosensors</i> , 2018, , 273-301.	0.5	8
43	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.	2.5	7
44	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.	4.0	6
45	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.	1.3	5
46	Zn <sup>II</sup> -cyclen as a Supramolecular Probe for Tagging Thymidine Nucleosides on Carbon Nanotubes. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3685-3690.	1.2	4
47	Bases nanotecnológicas de una «nueva» Nefrología. <i>Nefrología</i> , 2018, 38, 368-378.	0.2	4
48	Nanotechnological foundations of a «new» Nephrology. <i>Nefrología</i> , 2018, 38, 362-372.	0.2	4
49	Passivated graphene quantum dots for carbaryl determination in juices. <i>Journal of Separation Science</i> , 2021, 44, 1652-1661.	1.3	4
50	Bis-Azolyazine Derivatives as Supramolecular Synthons for Copper and Silver [2– 2] Grids and Coordination Polymers. , 0, , 57-91.		3
51	Recycling Oxacillin Residues from Environmental Waste into Graphene Quantum Dots. <i>Journal of Carbon Research</i> , 2019, 5, 68.	1.4	3
52	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
53	One-dimensional heterostructure: The selective decoration of single-walled carbon nanotube tips with metallic nanoparticles. <i>MRS Bulletin</i> , 0, , .	1.7	0