Natalia L Pacioni

List of Publications by Year
in descending order

26	947	623734	642732
papers	citations	14 h-index	23 g-index

27	27	27	1502
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The fluorescence quenching of rhodamine 6G as an alternative sensing strategy for the quantification of silver and gold nanoparticles. Microchemical Journal, 2021, 160, 105645.	4.5	2
2	Integrating Chemical Security into Chemistry Degree Programs in Argentina through an Interactive One-Day Course Addressing Illicit or Harmful Applications of Chemistry Knowledge. Journal of Chemical Education, 2020, 97, 1789-1794.	2.3	1
3	Nanoparticle Concentration vs Surface Area in the Interaction of Thiol-Containing Molecules: Toward a Rational Nanoarchitectural Design of Hybrid Materials. ACS Applied Materials & Interfaces, 2019, 11, 17697-17705.	8.0	9
4	Role of a cystine-based Gemini surfactant ligand in the synthesis of catalytic active silver nanoparticles. Journal of Molecular Liquids, 2019, 284, 110-116.	4.9	11
5	Metrology for Metal Nanoparticles. , 2019, , 2327-2342.		3
6	Synthesis and Characterization of Nanomaterials for Biomedical Applications. , 2019, , 13-34.		1
7	Improving reproducibility between batches of silver nanoparticles using an experimental design approach. Microchemical Journal, 2018, 141, 110-117.	4.5	15
8	Metrology for Metal Nanoparticles. , 2018, , 1-16.		1
9	Association models for binding of molecules to nanostructures. Analyst, The, 2017, 142, 2067-2089.	3.5	39
10	Analytical strategy to detect metal nanoparticles in mixtures without previous separation. Sensors and Actuators B: Chemical, 2016, 228, 557-564.	7.8	6
11	Spherical silver nanoparticles in the detection of thermally denatured collagens. Analytical and Bioanalytical Chemistry, 2016, 408, 1993-1996.	3.7	11
12	Synthetic Routes for the Preparation of Silver Nanoparticles. Engineering Materials, 2015, , 13-46.	0.6	71
13	Human serum albumin as protecting agent of silver nanoparticles: role of the protein conformation and amine groups in the nanoparticle stabilization. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	58
14	Oxidation of copper nanoparticles in water: mechanistic insights revealed by oxygen uptake and spectroscopic methods. Dalton Transactions, 2013, 42, 5832.	3.3	53
15	Gold nanoparticle catalysis of the cisâ€“trans isomerization of azobenzene. Chemical Communications, 2013, 49, 10073.	4.1	73
16	Structural characterization of N-methylcarbamate: Î²-Cyclodextrin complexes by experimental methods and molecular dynamics simulations. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 103, 319-324.	3.9	11
17	Ultraclean Derivatized Monodisperse Gold Nanoparticles through Laser Drop Ablation Customization of Polymorph Gold Nanostructures. Langmuir, 2012, 28, 8183-8189.	3.5	24
18	The biocompatibility and antibacterial properties of collagen-stabilized, photochemically prepared silver nanoparticles. Biomaterials, 2012, 33, 4947-4956.	11.4	200

#	Article	IF	Citations
19	Plasmon-Mediated Photopolymerization Maps Plasmon Fields for Silver Nanoparticles. Journal of the American Chemical Society, 2011, 133, 9160-9163.	13.7	43
20	Tuning plasmon transitions and their applications in organic photochemistry. Pure and Applied Chemistry, 2011, 83, 913-930.	1.9	38
21	Synthesis of copper nanoparticles mediated by photogenerated free radicals: catalytic role of chloride anions. Photochemical and Photobiological Sciences, 2010, 9, 766.	2.9	47
22	Surface Plasmons Control the Dynamics of Excited Triplet States in the Presence of Gold Nanoparticles. Journal of the American Chemical Society, 2010, 132, 6298-6299.	13.7	68
23	Comparative effect of cyclodextrin nanocavities versus organic solvents on the fluorescence of carbamate and indole compounds. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 198, 179-185.	3.9	5
24	Spectrofluorimetric determination of benzoimidazolic pesticides: Effect of p-sulfonatocalix[6]arene and cyclodextrins. Analytica Chimica Acta, 2008, 624, 133-140.	5.4	42
25	Determination of poorly fluorescent carbamate pesticides in water, bendiocarb and promecarb, using cyclodextrin nanocavities and related media. Analytica Chimica Acta, 2007, 583, 63-71.	5.4	45
26	Determination of carbaryl and carbofuran in fruits and tap water by Î²-cyclodextrin enhanced fluorimetric method. Analytica Chimica Acta, 2003, 488, 193-202.	5.4	70