

# Natalia L Pacioni

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

947  
citations

706676

14  
h-index

721071

23  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1683  
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. <i>Microchemical Journal</i> , 2021, 160, 105645.	2.3	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. <i>Journal of Chemical Education</i> , 2020, 97, 1789-1794.	1.1	1
3	Nanoparticle Concentration vs Surface Area in the Interaction of Thiol-Containing Molecules: Toward a Rational Nanoarchitectural Design of Hybrid Materials. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 17697-17705.	4.0	9
4	Role of a cystine-based Gemini surfactant ligand in the synthesis of catalytic active silver nanoparticles. <i>Journal of Molecular Liquids</i> , 2019, 284, 110-116.	2.3	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. <i>Microchemical Journal</i> , 2018, 141, 110-117.	2.3	15
8	Metrology for Metal Nanoparticles. , 2018, , 1-16.		1
9	Association models for binding of molecules to nanostructures. <i>Analyst, The</i> , 2017, 142, 2067-2089.	1.7	39
10	Analytical strategy to detect metal nanoparticles in mixtures without previous separation. <i>Sensors and Actuators B: Chemical</i> , 2016, 228, 557-564.	4.0	6
11	Spherical silver nanoparticles in the detection of thermally denatured collagens. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 1993-1996.	1.9	11
12	Synthetic Routes for the Preparation of Silver Nanoparticles. <i>Engineering Materials</i> , 2015, , 13-46.	0.3	71
13	Human serum albumin as protecting agent of silver nanoparticles: role of the protein conformation and amine groups in the nanoparticle stabilization. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	58
14	Oxidation of copper nanoparticles in water: mechanistic insights revealed by oxygen uptake and spectroscopic methods. <i>Dalton Transactions</i> , 2013, 42, 5832.	1.6	53
15	Gold nanoparticle catalysis of the cis $\leftrightarrow$ trans isomerization of azobenzene. <i>Chemical Communications</i> , 2013, 49, 10073.	2.2	73
16	Structural characterization of N-methylcarbamate: $\beta$ -Cyclodextrin complexes by experimental methods and molecular dynamics simulations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 103, 319-324.	2.0	11
17	Ultraclean Derivatized Monodisperse Gold Nanoparticles through Laser Drop Ablation Customization of Polymorph Gold Nanostructures. <i>Langmuir</i> , 2012, 28, 8183-8189.	1.6	24
18	The biocompatibility and antibacterial properties of collagen-stabilized, photochemically prepared silver nanoparticles. <i>Biomaterials</i> , 2012, 33, 4947-4956.	5.7	200

#	ARTICLE	IF	CITATIONS
19	Plasmon-Mediated Photopolymerization Maps Plasmon Fields for Silver Nanoparticles. <i>Journal of the American Chemical Society</i> , 2011, 133, 9160-9163.	6.6	43
20	Tuning plasmon transitions and their applications in organic photochemistry. <i>Pure and Applied Chemistry</i> , 2011, 83, 913-930.	0.9	38
21	Synthesis of copper nanoparticles mediated by photogenerated free radicals: catalytic role of chloride anions. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 766.	1.6	47
22	Surface Plasmons Control the Dynamics of Excited Triplet States in the Presence of Gold Nanoparticles. <i>Journal of the American Chemical Society</i> , 2010, 132, 6298-6299.	6.6	68
23	Comparative effect of cyclodextrin nanocavities versus organic solvents on the fluorescence of carbamate and indole compounds. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 198, 179-185.	2.0	5
24	Spectrofluorimetric determination of benzoimidazolic pesticides: Effect of p-sulfonatocalix[6]arene and cyclodextrins. <i>Analytica Chimica Acta</i> , 2008, 624, 133-140.	2.6	42
25	Determination of poorly fluorescent carbamate pesticides in water, bendiocarb and promecarb, using cyclodextrin nanocavities and related media. <i>Analytica Chimica Acta</i> , 2007, 583, 63-71.	2.6	45
26	Determination of carbaryl and carbofuran in fruits and tap water by $\beta$ -cyclodextrin enhanced fluorimetric method. <i>Analytica Chimica Acta</i> , 2003, 488, 193-202.	2.6	70