

# Guillermo Orts-Gil

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7388141/publications.pdf>

Version: 2024-02-01

16  
papers

713  
citations

687220

13  
h-index

940416

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1423  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stiffening Effect of Cholesterol on Disordered Lipid Phases: A Combined Neutron Spin Echo + Dynamic Light Scattering Analysis of the Bending Elasticity of Large Unilamellar Vesicles. <i>Biophysical Journal</i> , 2009, 96, 3629-3637.	0.2	101
2	Toxicity of amorphous silica nanoparticles on eukaryotic cell model is determined by particle agglomeration and serum protein adsorption effects. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 1367-1373.	1.9	98
3	Characterisation of silica nanoparticles prior to in vitro studies: from primary particles to agglomerates. <i>Journal of Nanoparticle Research</i> , 2011, 13, 1593-1604.	0.8	81
4	Carbohydrate functionalization of silver nanoparticles modulates cytotoxicity and cellular uptake. <i>Journal of Nanobiotechnology</i> , 2014, 12, 59.	4.2	73
5	Plasma-thermal purification and annealing of carbon nanotubes. <i>Carbon</i> , 2012, 50, 3934-3942.	5.4	60
6	Impact of polymer shell on the formation and time evolution of nanoparticle-protein corona. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 104, 213-220.	2.5	48
7	Differentiation and quantification of surface acidities on MWCNTs by indirect potentiometric titration. <i>Carbon</i> , 2011, 49, 2978-2988.	5.4	41
8	On the role of surface composition and curvature on biointerface formation and colloidal stability of nanoparticles in a protein-rich model system. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 108, 110-119.	2.5	40
9	Fluctuation dynamics of spherical vesicles: Frustration of regular bulk dissipation into subdiffusive relaxation. <i>Physical Review E</i> , 2009, 80, 031908.	0.8	39
10	Study of Lewis acid catalyzed chemical bromination and bromoalkylation of multi-walled carbon nanotubes. <i>Carbon</i> , 2012, 50, 1373-1385.	5.4	39
11	Multi-parametric reference nanomaterials for toxicology: state of the art, future challenges and potential candidates. <i>RSC Advances</i> , 2013, 3, 18202.	1.7	32
12	Properties of pH-Responsive Mixed Aggregates of Polystyrene-block-poly(L-lysine) and Nonionic Surfactant in Solution and Adsorbed at a Solid Surface. <i>Langmuir</i> , 2008, 24, 12823-12828.	1.6	22
13	Synthesis and characterisation of highly fluorescent core-shell nanoparticles based on Alexa dyes. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	18
14	Tuning Interfacial Properties and Colloidal Behavior of Hybrid Nanoparticles by Controlling the Polymer Precursor. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 2412-2419.	1.1	10
15	A study of third body behaviour under dry sliding conditions. Comparison of nanoscale modelling with experiment. <i>Estonian Journal of Engineering</i> , 2012, 18, 270.	0.3	6
16	Polypeptide hybrid copolymers as selective micellar nanocarriers in nonaqueous media. <i>Colloid and Polymer Science</i> , 2009, 287, 1295-1304.	1.0	5