

# Jordi Piella

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

2,082  
citations

623734

14  
h-index

713466

21  
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all docs

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docs citations

21  
times ranked

4406  
citing authors

#	ARTICLE	IF	CITATIONS
1	MOF-Beads Containing Inorganic Nanoparticles for the Simultaneous Removal of Multiple Heavy Metals from Water. ACS Applied Materials & Interfaces, 2020, 12, 10554-10562.	8.0	89
2	Understanding galvanic replacement reactions: the case of Pt and Ag. Materials Today Advances, 2020, 5, 100037.	5.2	23
3	Seeded-Growth Aqueous Synthesis of Colloidal-Stable Citrate-Stabilized Au/CeO <sub>2</sub> Hybrid Nanocrystals: Heterodimers, Core@Shell, and Clover- and Star-Like Structures. Chemistry of Materials, 2019, 31, 7922-7932.	6.7	17
4	Robust one-pot synthesis of citrate-stabilized Au@CeO <sub>2</sub> hybrid nanocrystals with different thickness and dimensionality. Applied Materials Today, 2019, 15, 445-452.	4.3	9
5	Effects of Systematic Variation in Size and Surface Coating of Silver Nanoparticles on Their In Vitro Toxicity to Macrophage RAW 264.7 Cells. Toxicological Sciences, 2018, 162, 79-88.	3.1	33
6	Time- and Size-Resolved Plasmonic Evolution with nm Resolution of Galvanic Replacement Reaction in AuAg Nanoshells Synthesis. Chemistry of Materials, 2018, 30, 5098-5107.	6.7	27
7	Probing the surface reactivity of nanocrystals by the catalytic degradation of organic dyes: the effect of size, surface chemistry and composition. Journal of Materials Chemistry A, 2017, 5, 11917-11929.	10.3	49
8	Modeling the Optical Responses of Noble Metal Nanoparticles Subjected to Physicochemical Transformations in Physiological Environments: Aggregation, Dissolution and Oxidation. Zeitschrift Fur Physikalische Chemie, 2017, 231, 33-50.	2.8	13
9	Formation of the Protein Corona: The Interface between Nanoparticles and the Immune System. Seminars in Immunology, 2017, 34, 52-60.	5.6	191
10	One-Pot Synthesis of Cationic Gold Nanoparticles by Differential Reduction. Zeitschrift Fur Physikalische Chemie, 2017, 231, 7-18.	2.8	4
11	Size-Dependent Protein-Nanoparticle Interactions in Citrate-Stabilized Gold Nanoparticles: The Emergence of the Protein Corona. Bioconjugate Chemistry, 2017, 28, 88-97.	3.6	264
12	Intrinsic and Extrinsic Properties Affecting Innate Immune Responses to Nanoparticles: The Case of Cerium Oxide. Frontiers in Immunology, 2017, 8, 970.	4.8	45
13	Interaction of gold nanoparticles and nickel(II) sulfate affects dendritic cell maturation. Nanotoxicology, 2016, 10, 1395-1403.	3.0	16
14	Properties of silver nanoparticles influencing their uptake in and toxicity to the earthworm Lumbricus rubellus following exposure in soil. Environmental Pollution, 2016, 218, 870-878.	7.5	63
15	Size-Controlled Synthesis of Sub-10-nanometer Citrate-Stabilized Gold Nanoparticles and Related Optical Properties.. Chemistry of Materials, 2016, 28, 1066-1075.	6.7	419
16	Quantifying the Sensitivity of Multipolar (Dipolar, Quadrupolar, and Octapolar) Surface Plasmon Resonances in Silver Nanoparticles: The Effect of Size, Composition, and Surface Coating. Langmuir, 2016, 32, 290-300.	3.5	104
17	Exploring New Synthetic Strategies for the Production of Advanced Complex Inorganic Nanocrystals. Zeitschrift Fur Physikalische Chemie, 2015, 229, 65-83.	2.8	9
18	Synthesis of Highly Monodisperse Citrate-Stabilized Silver Nanoparticles of up to 200 nm: Kinetic Control and Catalytic Properties. Chemistry of Materials, 2014, 26, 2836-2846.	6.7	699

#	ARTICLE	IF	CITATIONS
19	Stability of polymer encapsulated quantum dots in cell culture media. Journal of Physics: Conference Series, 2013, 429, 012009.	0.4	1
20	Characterizing Nanoparticles Reactivity: Structure-Photocatalytic Activity Relationship. Journal of Physics: Conference Series, 2013, 429, 012040.	0.4	4