

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
g-index

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all docs

21
docs citations

21
times ranked

4406
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Highly Monodisperse Citrate-Stabilized Silver Nanoparticles of up to 200 nm: Kinetic Control and Catalytic Properties. <i>Chemistry of Materials</i> , 2014, 26, 2836-2846.	6.7	699
2	Size-Controlled Synthesis of Sub-10-nanometer Citrate-Stabilized Gold Nanoparticles and Related Optical Properties.. <i>Chemistry of Materials</i> , 2016, 28, 1066-1075.	6.7	419
3	Size-Dependent Protein-Nanoparticle Interactions in Citrate-Stabilized Gold Nanoparticles: The Emergence of the Protein Corona. <i>Bioconjugate Chemistry</i> , 2017, 28, 88-97.	3.6	264
4	Formation of the Protein Corona: The Interface between Nanoparticles and the Immune System. <i>Seminars in Immunology</i> , 2017, 34, 52-60.	5.6	191
5	Quantifying the Sensitivity of Multipolar (Dipolar, Quadrupolar, and Octapolar) Surface Plasmon Resonances in Silver Nanoparticles: The Effect of Size, Composition, and Surface Coating. <i>Langmuir</i> , 2016, 32, 290-300.	3.5	104
6	MOF-Beads Containing Inorganic Nanoparticles for the Simultaneous Removal of Multiple Heavy Metals from Water. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 10554-10562.	8.0	89
7	Properties of silver nanoparticles influencing their uptake in and toxicity to the earthworm <i>Lumbricus rubellus</i> following exposure in soil. <i>Environmental Pollution</i> , 2016, 218, 870-878.	7.5	63
8	Probing the surface reactivity of nanocrystals by the catalytic degradation of organic dyes: the effect of size, surface chemistry and composition. <i>Journal of Materials Chemistry A</i> , 2017, 5, 11917-11929.	10.3	49
9	Intrinsic and Extrinsic Properties Affecting Innate Immune Responses to Nanoparticles: The Case of Cerium Oxide. <i>Frontiers in Immunology</i> , 2017, 8, 970.	4.8	45
10	Effects of Systematic Variation in Size and Surface Coating of Silver Nanoparticles on Their In Vitro Toxicity to Macrophage RAW 264.7 Cells. <i>Toxicological Sciences</i> , 2018, 162, 79-88.	3.1	33
11	Time- and Size-Resolved Plasmonic Evolution with nm Resolution of Galvanic Replacement Reaction in AuAg Nanoshells Synthesis. <i>Chemistry of Materials</i> , 2018, 30, 5098-5107.	6.7	27
12	Understanding galvanic replacement reactions: the case of Pt and Ag. <i>Materials Today Advances</i> , 2020, 5, 100037.	5.2	23
13	Seeded-Growth Aqueous Synthesis of Colloidal-Stable Citrate-Stabilized Au/CeO ₂ Hybrid Nanocrystals: Heterodimers, Core@Shell, and Clover- and Star-Like Structures. <i>Chemistry of Materials</i> , 2019, 31, 7922-7932.	6.7	17
14	Interaction of gold nanoparticles and nickel(II) sulfate affects dendritic cell maturation. <i>Nanotoxicology</i> , 2016, 10, 1395-1403.	3.0	16
15	Modeling the Optical Responses of Noble Metal Nanoparticles Subjected to Physicochemical Transformations in Physiological Environments: Aggregation, Dissolution and Oxidation. <i>Zeitschrift Fur Physikalische Chemie</i> , 2017, 231, 33-50.	2.8	13
16	Exploring New Synthetic Strategies for the Production of Advanced Complex Inorganic Nanocrystals. <i>Zeitschrift Fur Physikalische Chemie</i> , 2015, 229, 65-83.	2.8	9
17	Robust one-pot synthesis of citrate-stabilized Au@CeO ₂ hybrid nanocrystals with different thickness and dimensionality. <i>Applied Materials Today</i> , 2019, 15, 445-452.	4.3	9
18	Characterizing Nanoparticles Reactivity: Structure-Photocatalytic Activity Relationship. <i>Journal of Physics: Conference Series</i> , 2013, 429, 012040.	0.4	4

#	ARTICLE	IF	CITATIONS
19	One-Pot Synthesis of Cationic Gold Nanoparticles by Differential Reduction. Zeitschrift Fur Physikalische Chemie, 2017, 231, 7-18.	2.8	4
20	Stability of polymer encapsulated quantum dots in cell culture media. Journal of Physics: Conference Series, 2013, 429, 012009.	0.4	1