Luis A PÃ©rez

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8522959/publications.pdf

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23	474	687363 13	713466 21
papers	citations	h-index	g-index

25	25	25	905
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced Photoluminescence of Cesium Lead Halide Perovskites by Quasiâ€3D Photonic Crystals. Advanced Optical Materials, 2022, 10, 2101324.	7.3	10
2	Efficient infrared sunlight absorbers based on gold-covered, inverted silicon pyramid arrays. Materials Advances, 2022, 3, 2364-2372.	5.4	2
3	Anisotropic thermoreflectance thermometry: A contactless frequency-domain thermoreflectance approach to study anisotropic thermal transport. Review of Scientific Instruments, 2022, 93, 034902.	1.3	5
4	Large-Scale Soft-Lithographic Patterning of Plasmonic Nanoparticles. , 2021, 3, 282-289.		11
5	Observation of second sound in a rapidly varying temperature field in Ge. Science Advances, 2021, 7, .	10.3	40
6	Optical Properties of Silica-Coated Au Nanorods: Correlating Theory and Experiments for Determining the Shell Porosity. Journal of Physical Chemistry C, 2021, 125, 15516-15526.	3.1	9
7	Engineering Plasmonic Colloidal Metaâ€Molecules for Tunable Photonic Supercrystals. Advanced Optical Materials, 2021, 9, 2100761.	7.3	20
8	Highâ€Throughput Nanofabrication of Metasurfaces with Polarizationâ€Dependent Response. Advanced Optical Materials, 2020, 8, 2000786.	7.3	13
9	Electrodeposited Negative Index Metamaterials with Visible and Near Infrared Response. Advanced Optical Materials, 2020, 8, 2000865.	7.3	19
10	Raman spectroscopy coupled with AFM scan head: A versatile combination for tailoring graphene oxide/reduced graphene oxide hybrid materials. Applied Surface Science, 2019, 495, 143539.	6.1	28
11	Highly Efficient Hybrid Ni/Nitrogenated Graphene Electrocatalysts for Hydrogen Evolution Reaction. ACS Omega, 2019, 4, 2206-2216.	3.5	19
12	CVD Graphene Transferred with Au Nanoparticles: An Ideal Platform for TERS and SERS on a Single Triangular Nanoplate. Journal of Physical Chemistry C, 2016, 120, 8315-8322.	3.1	13
13	Ferroplasmons: Novel Plasmons in Metal-Ferromagnetic Bimetallic Nanostructures. Microscopy and Microanalysis, 2015, 21, 2381-2382.	0.4	2
14	One-step/one-pot decoration of oxide microparticles with silver nanoparticles. Journal of Colloid and Interface Science, 2014, 428, 32-35.	9.4	3
15	Plasmonic Interactions: From Molecular Plasmonics and Fano Resonances to Ferroplasmons. ACS Nano, 2014, 8, 9723-9728.	14.6	24
16	Electrochemical synthesis of palladium nanoparticles in PVP solutions and their catalytic activity in Suzuki and Heck reactions in aqueous medium. RSC Advances, 2014, 4, 12330.	3.6	37
17	Exploring the benefits of electron tomography to characterize the precise morphology of coreâ€“shell Au@Ag nanoparticles and its implications on their plasmonic properties. Nanoscale, 2014, 6, 12696-12702.	5.6	16
18	Cluster Size Effects in the Surface-Enhanced Raman Scattering Response of Ag and Au Nanoparticle Aggregates: Experimental and Theoretical Insight. Journal of Physical Chemistry C, 2013, 117, 23090-23107.	3.1	82

#	Article	IF	Citations
19	Chemical and Electrochemical Oxidation of Silicon Surfaces Functionalized with APTES: The Role of Surface Roughness in the AuNPs Anchoring Kinetics. Journal of Physical Chemistry C, 2013, 117, 11317-11327.	3.1	30
20	Retrieving the spatial distribution of cavity modes in ZnO nanowires by near-field imaging and electrodynamics simulations. , 2013, , .		0
21	Retrieving the spatial distribution of cavity modes in dielectric resonators by near-field imaging and electrodynamics simulations. Nanoscale, 2012, 4, 1620.	5.6	3
22	Rational Design of Plasmonic Nanostructures for Biomolecular Detection: Interplay between Theory and Experiments. ACS Nano, 2012, 6, 3441-3452.	14.6	47
23	PVP-stabilized palladium nanoparticles electrochemically obtained as effective catalysts in aqueous medium Suzukiâ€“Miyaura reaction. Journal of Molecular Catalysis A, 2012, 363-364, 245-253.	4.8	41