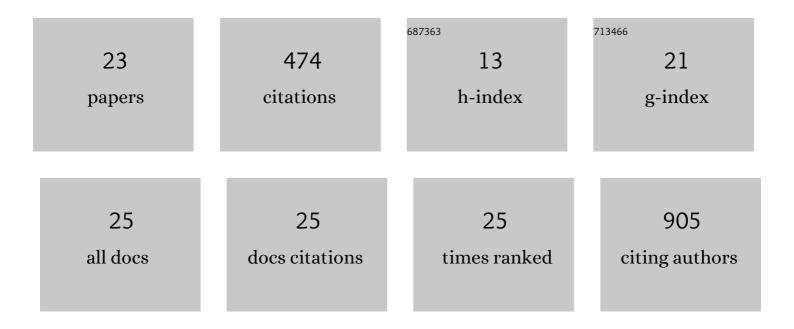
Luis A Pérez

List of Publications by Year in descending order

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Ιιμς Δ ΡΔΩρεγ

#	Article	IF	CITATIONS
1	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
2	Rational Design of Plasmonic Nanostructures for Biomolecular Detection: Interplay between Theory and Experiments. ACS Nano, 2012, 6, 3441-3452.	14.6	47
3	PVP-stabilized palladium nanoparticles electrochemically obtained as effective catalysts in aqueous medium Suzuki–Miyaura reaction. Journal of Molecular Catalysis A, 2012, 363-364, 245-253.	4.8	41
4	Observation of second sound in a rapidly varying temperature field in Ge. Science Advances, 2021, 7, .	10.3	40
5	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
6	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
7	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
8	Plasmonic Interactions: From Molecular Plasmonics and Fano Resonances to Ferroplasmons. ACS Nano, 2014, 8, 9723-9728.	14.6	24
9	Engineering Plasmonic Colloidal Metaâ€Molecules for Tunable Photonic Supercrystals. Advanced Optical Materials, 2021, 9, 2100761.	7.3	20
10	Highly Efficient Hybrid Ni/Nitrogenated Graphene Electrocatalysts for Hydrogen Evolution Reaction. ACS Omega, 2019, 4, 2206-2216.	3.5	19
11	Electrodeposited Negative Index Metamaterials with Visible and Near Infrared Response. Advanced Optical Materials, 2020, 8, 2000865.	7.3	19
12	Exploring the benefits of electron tomography to characterize the precise morphology of core–shell Au@Ag nanoparticles and its implications on their plasmonic properties. Nanoscale, 2014, 6, 12696-12702.	5.6	16
13	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
14	Highâ€Throughput Nanofabrication of Metasurfaces with Polarizationâ€Dependent Response. Advanced Optical Materials, 2020, 8, 2000786.	7.3	13
15	Large-Scale Soft-Lithographic Patterning of Plasmonic Nanoparticles. , 2021, 3, 282-289.		11
16	Enhanced Photoluminescence of Cesium Lead Halide Perovskites by Quasiâ€3D Photonic Crystals. Advanced Optical Materials, 2022, 10, 2101324.	7.3	10
17	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
18	Anisotropic thermoreflectance thermometry: A contactless frequency-domain thermoreflectance approach to study anisotropic thermal transport. Review of Scientific Instruments, 2022, 93, 034902.	1.3	5

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#	Article	IF	CITATIONS
19	Retrieving the spatial distribution of cavity modes in dielectric resonators by near-field imaging and electrodynamics simulations. Nanoscale, 2012, 4, 1620.	5.6	3
20	One-step/one-pot decoration of oxide microparticles with silver nanoparticles. Journal of Colloid and Interface Science, 2014, 428, 32-35.	9.4	3
21	Ferroplasmons: Novel Plasmons in Metal-Ferromagnetic Bimetallic Nanostructures. Microscopy and Microanalysis, 2015, 21, 2381-2382.	0.4	2
22	Efficient infrared sunlight absorbers based on gold-covered, inverted silicon pyramid arrays. Materials Advances, 2022, 3, 2364-2372.	5.4	2
23	Retrieving the spatial distribution of cavity modes in ZnO nanowires by near-field imaging and electrodynamics simulations. , 2013, , .		0