

Alejandra Londono-Calderon

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

130
citations

1478505

6
h-index

1281871

11
g-index

25
all docs

25
docs citations

25
times ranked

190
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled Synthesis of Au@AgAu Yolk-Shell Cuboctahedra with Well-Defined Facets. <i>Langmuir</i> , 2016, 32, 7572-7581.	3.5	36
2	Intrinsic helical twist and chirality in ultrathin tellurium nanowires. <i>Nanoscale</i> , 2021, 13, 9606-9614.	5.6	15
3	Sulfurization Engineering of One-Step Low-Temperature MoS ₂ and WS ₂ Thin Films for Memristor Device Applications. <i>Advanced Electronic Materials</i> , 2022, 8, 2100515.	5.1	14
4	1D to 2D Transition in Tellurium Observed by 4D Electron Microscopy. <i>Small</i> , 2020, 16, e2005447.	10.0	10
5	Visualizing Grain Statistics in MOCVD WSe ₂ through Four-Dimensional Scanning Transmission Electron Microscopy. <i>Nano Letters</i> , 2022, 22, 2578-2585.	9.1	9
6	Imaging of Unstained DNA Origami Triangles with Electron Microscopy. <i>Small Methods</i> , 2019, 3, 1900393.	8.6	7
7	Salt-Induced Liquid-Liquid Phase Separation and Interfacial Crystal Formation in Poly(<i>N</i> -isopropylacrylamide)-Capped Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2021, 125, 5349-5362.	3.1	6
8	Vibrational Order, Structural Properties, and Optical Gap of ZnO Nanostructures Sintered through Thermal Decomposition. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-6.	2.7	5
9	Structural Analysis of AuPdAu Nanocubes via Aberration-Corrected STEM and Nanobeam Diffraction. <i>Journal of Physical Chemistry C</i> , 2015, 119, 24621-24626.	3.1	5
10	Multi-stimuli responsive tetra-PPG ₆₀ -PEO ₂₀ ethylene diamine block copolymer enables pH, temperature, and solvent regulation of Au nanoparticle composite plasmonic response. <i>Polymer Chemistry</i> , 2019, 10, 6456-6472.	3.9	5
11	Controlling the Number of Atoms on Catalytic Metallic Clusters. <i>Studies in Surface Science and Catalysis</i> , 2017, , 185-220.	1.5	4
12	Local Lattice Deformation of Tellurene Grain Boundaries by Four-Dimensional Electron Microscopy. <i>Journal of Physical Chemistry C</i> , 2021, 125, 3396-3405.	3.1	4
13	Effects of Pt content on the crystallinity and optical properties of Ag/Pt nanoboxes: from solid to single and polycrystalline mesoporous nanostructures. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	1.9	3
14	New approach to electron microscopy imaging of gel nanocomposites in situ. <i>Micron</i> , 2019, 120, 104-112.	2.2	2
15	Morphology visualization of irregular shape bacteria by electron holography and tomography. <i>Microscopy Research and Technique</i> , 2017, 80, 1249-1255.	2.2	1
16	Unstained DNA Origami Imaging: Imaging of Unstained DNA Origami Triangles with Electron Microscopy (Small Methods 12/2019). <i>Small Methods</i> , 2019, 3, 1970039.	8.6	1
17	Transmission Electron Microscopy of Multimetallic Nanoparticles. , 2020, , 33-74.		1
18	Towards Crystallographic Orientation and Strain Mapping of 1D & 2D Tellurium from 4D-STEM. <i>Microscopy and Microanalysis</i> , 2020, 26, 944-945.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Magnetic Vortex Domain Wall Observation on Polycrystalline Imperfect Iron–Cobalt Alloy Nanowires Growing on 1050 Aluminum. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 0, , 2100265.	1.8	1
20	In-Situ Nucleation, Growth and Evolution of Au Nanoparticles during Metallization of DNA Origami Visualized with HAADF-STEM. <i>Microscopy and Microanalysis</i> , 2018, 24, 282-283.	0.4	0
21	Correlative Microbially-Assisted Imaging of Cellulose Deconstruction with Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2018, 24, 382-383.	0.4	0
22	Synergistic single process additive manufacturing of hydro-responsive Ag nanoparticle composites by digital visible light processing 3D printing. <i>Materials Advances</i> , 2020, 1, 2219-2224.	5.4	0
23	Manufacturing of Complex Silicon–Carbon Structures: Exploring SixCy Materials. <i>Materials</i> , 2022, 15, 3475.	2.9	0