

R Britto Hurtado

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

293
citations

933447

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h-index

888059

17
g-index

23
all docs

23
docs citations

23
times ranked

406
citing authors

#	ARTICLE	IF	CITATIONS
1	Instant synthesis of gold nanoparticles at room temperature and SERS applications. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016, 380, 2658-2663.	2.1	38
2	Green synthesis of reduced graphene oxide using ball milling. <i>Carbon Letters</i> , 2017, 21, 93-97.	5.9	29
3	One-step synthesis of reduced graphene oxide/gold nanoparticles under ambient conditions. <i>Arabian Journal of Chemistry</i> , 2020, 13, 1633-1640.	4.9	28
4	Vibrational properties of gold nanoparticles obtained by green synthesis. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016, 84, 191-195.	2.7	23
5	Raman scattering and optical properties of lithium nanoparticles obtained by green synthesis. <i>Vibrational Spectroscopy</i> , 2015, 77, 5-9.	2.2	21
6	Silver nanoparticle-decorated silver nanowires: a nanocomposite via green synthesis. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	21
7	Green Synthesis of Ag-Cu Nanoalloys Using <i>Opuntia ficus-indica</i> . <i>Journal of Electronic Materials</i> , 2017, 46, 802-807.	2.2	18
8	Breathing Raman modes in Ag ₂ S nanoparticles obtained from F9 zeolite matrix. <i>Chemical Physics</i> , 2015, 463, 106-110.	1.9	15
9	Ultra-small Ag clusters in zeolite A4: Antibacterial and thermochromic applications. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2018, 97, 111-119.	2.7	15
10	Optical Properties and Radial Breathing Modes Present in Cu Amorphous Quantum Dots Obtained by Green Synthesis. <i>Nanoscience and Nanotechnology Letters</i> , 2014, 6, 580-583.	0.4	13
11	Random alloy of Au-Ag bimetallic nanoparticles at room temperature—facile synthesis and vibrational properties. <i>Gold Bulletin</i> , 2017, 50, 85-92.	2.4	10
12	Agglomerates of Au-Pt bimetallic nanoparticles: synthesis and antibacterial activity. <i>Gold Bulletin</i> , 2020, 53, 93-100.	2.4	10
13	SDS bubbles functionalized with Gold nanoparticles and SERS applications. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2017, 87, 93-97.	2.7	9
14	Green Synthesis and Radial Breathing Modes in Ti Nanoparticles. <i>Nano</i> , 2015, 10, 1550069.	1.0	8
15	Nanowire networks and hollow nanospheres of Ag–Au bimetallic alloys at room temperature. <i>Nanotechnology</i> , 2017, 28, 115606.	2.6	7
16	Radial breathing modes in silver selenide quantum dots. <i>Materials Letters</i> , 2016, 167, 135-140.	2.6	6
17	Structural and vibrational properties of gold-doped titanium clusters: A first-principles study. <i>Computational and Theoretical Chemistry</i> , 2018, 1124, 32-38.	2.5	6
18	First-principles calculations of gold and silver clusters doped with lithium atoms. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2019, 109, 78-83.	2.7	6

#	ARTICLE	IF	CITATIONS
19	Structural and vibrational properties of In _n (n=20) clusters: a density functional theory (DFT) and SERS study. Applied Physics A: Materials Science and Processing, 2022, 128, 1.	2.3	4
20	Characterization of Silver Nanoparticles Encapsulated Using an Ion-Exchange-Mediated Method and Their Application as Antimicrobial Agents. Journal of Electronic Materials, 2021, 50, 5632-5638.	2.2	3
21	Efficient synthesis of carbon microtubes-gold nanoparticles composite: optical and micro-analytical study. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	2
22	Biosynthesis and antibacterial activity of Cu and CuO nanoparticles against pathogenic microorganisms. , 2022, , 417-452.		1
23	APLICACIONES TECNOLÓGICAS DE LAS NANOPARTÍCULAS EN LA MEDICINA E INDUSTRIA. Epistemus, 2022, 16, .	0.1	0