

Jose M Romo-Herrera

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9242506/publications.pdf>

Version: 2024-02-01

20
papers

1,000
citations

840728

11
h-index

752679

20
g-index

21
all docs

21
docs citations

21
times ranked

2012
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of inert ambient annealing on structural and defect characteristics of coaxial N-CNTs@ZnO nanotubes coated by atomic layer deposition. <i>Ceramics International</i> , 2022, 48, 29829-29837.	4.8	3
2	Understanding the Selectivity of the Oxygen Reduction Reaction at the Atomistic Level on Nitrogen-Doped Graphitic Carbon Materials. <i>Advanced Energy Materials</i> , 2021, 11, 2002459.	19.5	63
3	Plasmonic foam platforms for air quality monitoring. <i>Nanoscale</i> , 2021, 13, 1738-1744.	5.6	4
4	Plasmon Induced Photocatalysts for Light-Driven Nanomotors. <i>Micromachines</i> , 2021, 12, 577.	2.9	4
5	Paper-based plasmonic substrates as surface-enhanced Raman scattering spectroscopy platforms for cell culture applications. <i>Materials Today Bio</i> , 2021, 11, 100125.	5.5	12
6	Anodes for Direct Alcohol Fuel Cells Assisted by Plasmon-Accelerated Electrochemical Oxidation Using Gold Nanoparticle-Decorated Buckypapers. <i>ACS Applied Energy Materials</i> , 2020, 3, 8755-8764.	5.1	8
7	Modifying nitrogen species of nitrogen-doped carbon nanotubes by thermal annealing to explore their role in the triiodide reduction reaction. <i>Carbon</i> , 2020, 167, 209-218.	10.3	6
8	N-Doped carbon nanotubes enriched with graphitic nitrogen in a buckypaper configuration as efficient 3D electrodes for oxygen reduction to H_2O . <i>Nanoscale</i> , 2019, 11, 2829-2839.	5.6	54
9	Damage on <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> using white light photoactivation of Au and Ag nanoparticles. <i>Journal of Applied Physics</i> , 2019, 125, 213102.	2.5	14
10	Optimal sidewall functionalization for the growth of ultrathin TiO ₂ nanotubes via atomic layer deposition. <i>Journal of Materials Science</i> , 2018, 53, 2005-2015.	3.7	8
11	Low-temperature ozone treatment for carbon nanotube template removal: improving the template-based ALD method. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	1.9	9
12	Gold nanoparticles synthesis assisted by marine algae extract: Biomolecules shells from a green chemistry approach. <i>Chemical Physics Letters</i> , 2018, 708, 210-215.	2.6	31
13	A study of the depth and size of concave cube Au nanoparticles as highly sensitive SERS probes. <i>Nanoscale</i> , 2016, 8, 7326-7333.	5.6	42
14	Single ZnO Nanowire-Based Gas Sensors to Detect Low Concentrations of Hydrogen. <i>Sensors</i> , 2015, 15, 30539-30544.	3.8	29
15	The control of thickness on aluminum oxide nanotubes by Atomic Layer Deposition using carbon nanotubes as removable templates. <i>Powder Technology</i> , 2015, 286, 602-609.	4.2	8
16	Nanocomposite YCrO ₃ /Al ₂ O ₃ : Characterization of the Core-Shell, Magnetic Properties, and Enhancement of Dielectric Properties. <i>Inorganic Chemistry</i> , 2014, 53, 4872-4880.	4.0	25
17	Organized Plasmonic Clusters with High Coordination Number and Extraordinary Enhancement in Surface-Enhanced Raman Scattering (SERS). <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12688-12693.	13.8	154
18	Controlled assembly of plasmonic colloidal nanoparticle clusters. <i>Nanoscale</i> , 2011, 3, 1304.	5.6	253

#	ARTICLE	IF	CITATIONS
19	Controlling the dimensions, reactivity and crystallinity of multiwalled carbon nanotubes using low ethanol concentrations. <i>Chemical Physics Letters</i> , 2008, 453, 55-61.	2.6	66
20	Nitrogen-Mediated Carbon Nanotube Growth: Diameter Reduction, Metallicity, Bundle Dispersability, and Bamboo-like Structure Formation. <i>ACS Nano</i> , 2007, 1, 369-375.	14.6	207