

Ciceron Ayala-Orozco

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3628183/publications.pdf>

Version: 2024-02-01

19
papers

2,376
citations

516215

16
h-index

794141

19
g-index

19
all docs

19
docs citations

19
times ranked

4729
citing authors

#	ARTICLE	IF	CITATIONS
1	Hot-Electron-Induced Dissociation of H ₂ on Gold Nanoparticles Supported on SiO ₂ . Journal of the American Chemical Society, 2014, 136, 64-67.	6.6	458
2	Nanoparticles Heat through Light Localization. Nano Letters, 2014, 14, 4640-4645.	4.5	379
3	Au Nanomatryoshkas as Efficient Near-Infrared Photothermal Transducers for Cancer Treatment: Benchmarking against Nanoshells. ACS Nano, 2014, 8, 6372-6381.	7.3	334
4	Three-Dimensional Nanostructures as Highly Efficient Generators of Second Harmonic Light. Nano Letters, 2011, 11, 5519-5523.	4.5	273
5	Fluorescence Enhancement of Molecules Inside a Gold Nanomatryoshka. Nano Letters, 2014, 14, 2926-2933.	4.5	188
6	The Surprising <i>in Vivo</i> Instability of Near-IR-Absorbing Hollow Au@Ag Nanoshells. ACS Nano, 2014, 8, 3222-3231.	7.3	148
7	Nanoparticle-Mediated, Light-Induced Phase Separations. Nano Letters, 2015, 15, 7880-7885.	4.5	107
8	Angle- and Spectral-Dependent Light Scattering from Plasmonic Nanocups. ACS Nano, 2011, 5, 7254-7262.	7.3	95
9	Sub-100nm gold nanomatryoshkas improve photo-thermal therapy efficacy in large and highly aggressive triple negative breast tumors. Journal of Controlled Release, 2014, 191, 90-97.	4.8	79
10	Enhancing T ₁ magnetic resonance imaging contrast with internalized gadolinium(III) in a multilayer nanoparticle. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6960-6965.	3.3	75
11	The application of nanotechnology in enhancing immunotherapy for cancer treatment: current effects and perspective. Nanoscale, 2019, 11, 17157-17178.	2.8	59
12	Toward Surface Plasmon-Enhanced Optical Parametric Amplification (SPOPA) with Engineered Nanoparticles: A Nanoscale Tunable Infrared Source. Nano Letters, 2016, 16, 3373-3378.	4.5	50
13	Light-activated molecular machines are fast-acting broad-spectrum antibacterials that target the membrane. Science Advances, 2022, 8, .	4.7	28
14	Indium-decorated Pd nanocubes degrade nitrate anions rapidly. Applied Catalysis B: Environmental, 2020, 276, 119048.	10.8	26
15	Visible-Light-Activated Molecular Nanomachines Kill Pancreatic Cancer Cells. ACS Applied Materials & Interfaces, 2020, 12, 410-417.	4.0	24
16	Impurity-Induced Plasmon Damping in Individual Cobalt-Doped Hollow Au Nanoshells. Journal of Physical Chemistry B, 2014, 118, 14056-14061.	1.2	21
17	Molecular Nanomachines Can Destroy Tissue or Kill Multicellular Eukaryotes. ACS Applied Materials & Interfaces, 2020, 12, 13657-13670.	4.0	16
18	Heavy oil viscosity reduction at mild temperatures using palladium acetylacetonate. Fuel, 2021, 294, 120546.	3.4	9

#	ARTICLE	IF	CITATIONS
19	Understanding the role of iron (III) tosylate on heavy oil viscosity reduction. Fuel, 2020, 274, 117808.	3.4	7