

# Chihiro Mochizuki

## List of Publications by Year in descending order

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16  
papers

352  
citations

1040056

9  
h-index

996975

15  
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16  
all docs

16  
docs citations

16  
times ranked

426  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytochrome P450 CYP71BE5 in grapevine ( <i>Vitis vinifera</i> ) catalyzes the formation of the spicy aroma compound (α)-rotundone. <i>Journal of Experimental Botany</i> , 2016, 67, 787-798.	4.8	76
2	Controlling the O-Vacancy Formation and Performance of Au/ZnO Catalysts in CO <sub>2</sub> Reduction to Methanol by the ZnO Particle Size. <i>ACS Catalysis</i> , 2021, 11, 9022-9033.	11.2	53
3	Cobalt hematoporphyrin inhibits CLEC-2–podoplanin interaction, tumor metastasis, and arterial/venous thrombosis in mice. <i>Blood Advances</i> , 2018, 2, 2214-2225.	5.2	45
4	Development of Non-Porous Silica Nanoparticles towards Cancer Photo-Theranostics. <i>Biomedicines</i> , 2021, 9, 73.	3.2	33
5	Defective NiO as a Stabilizer for Au Single-Atom Catalysts. <i>ACS Catalysis</i> , 2022, 12, 6149-6158.	11.2	30
6	Protein corona components of polyethylene glycol-conjugated organosilica nanoparticles modulates macrophage uptake. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 199, 111527.	5.0	27
7	Strong chiroptical activity from achiral gold nanorods assembled with proteins. <i>Chemical Communications</i> , 2017, 53, 6569-6572.	4.1	23
8	Elucidation of Active Sites of Gold Nanoparticles on Acidic Ta <sub>2</sub> O <sub>5</sub> Supports for CO Oxidation. <i>ACS Catalysis</i> , 2020, 10, 9328-9335.	11.2	17
9	Near-Infrared Fluorescent Thiol-Organosilica Nanoparticles That Are Functionalized with IR-820 and Their Applications for Long-Term Imaging of <i>In Situ</i> Labeled Cells and Depth-Dependent Tumor <i>In Vivo</i> Imaging. <i>Chemistry of Materials</i> , 2020, 32, 7201-7214.	6.7	13
10	Light-triggered Assembly of Gold Nanorods based on Photoisomerization of Spiroprans. <i>Chemistry Letters</i> , 2017, 46, 469-472.	1.3	9
11	Ligand effect of gold colloid in the preparation of Au/Nb <sub>2</sub> O <sub>5</sub> for CO oxidation. <i>Journal of Catalysis</i> , 2020, 389, 9-18.	6.2	9
12	Photostable and Biocompatible Luminescent Thiol-Terminated Organosilica Nanoparticles with Embedded Au(I)–Thiolate Complexes for Fluorescent Microscopic Imaging. <i>ACS Applied Nano Materials</i> , 2021, 4, 13305-13318.	5.0	6
13	Electrodeposition of Pd-Ni-P Metallic Glass Films. <i>Electrochemistry</i> , 2011, 79, 249-251.	1.4	4
14	Snake venom rhodocytin induces plasma extravasation via toxin-mediated interactions between platelets and mast cells. <i>Scientific Reports</i> , 2019, 9, 15958.	3.3	3
15	Effect of poly(N-vinylpyrrolidone) ligand on catalytic activities of Au nanoparticles supported on Nb <sub>2</sub> O <sub>5</sub> for CO oxidation and furfural oxidation. <i>Catalysis Today</i> , 2023, 410, 143-149.	4.4	2
16	Analysis of Cell-Nanoparticle Interactions and Imaging of <i>In Vitro</i> Labeled Cells Showing Barcoded Endosomes using Fluorescent Thiol-Organosilica Nanoparticles Surface-Functionalized with Polyethyleneimine. <i>Nanoscale Advances</i> , 0, , .	4.6	2