

# Importance of Size and Contact Structure of Gold Nano Unique Catalytic Processes

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Synthesis and NMR study of trimethylphosphine gold( $\langle scp \rangle$ )-appended calix[8]arenes as precursors of gold nanoparticles. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 953-960.	3.0	5
2	Dynamics of Pd Dopant Atoms inside Au Nanoclusters during Catalytic CO Oxidation. <i>Journal of Physical Chemistry C</i> , 2020, 124, 23626-23636.	1.5	28
3	Steric Effects of Mesoporous Silica Supported Bimetallic Au-Pt Catalysts on the Selective Aerobic Oxidation of Aromatic Alcohols. <i>Catalysts</i> , 2020, 10, 1192.	1.6	3
4	The direct synthesis of hydrogen peroxide over Au and Pd nanoparticles: A DFT study. <i>Catalysis Today</i> , 2021, 381, 76-85.	2.2	11
5	Supported metal and metal oxide particles with proximity effect for catalysis. <i>RSC Advances</i> , 2020, 10, 35449-35472.	1.7	32
6	A strong hydrangea-like Au@TiO <sub>2</sub> catalyst for round-the-clock degradation of oxalic acid in the presence of ozone. <i>Catalysis Science and Technology</i> , 2020, 10, 7481-7485.	2.1	5
7	Engineering ultrafine Pd clusters on laminar polyamide: A promising catalyst for benzyl alcohol oxidation under air in water. <i>Molecular Catalysis</i> , 2020, 497, 111203.	1.0	2
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.	5.5	17
9	Physical and Chemical Synthesis of Au/CeO <sub>2</sub> Nanoparticle Catalysts for Room Temperature CO Oxidation: A Comparative Study. <i>Catalysts</i> , 2020, 10, 1351.	1.6	10
10	Conversion of Au(III)-polluted waste eggshell into functional CaO/Au nanocatalyst for biodiesel production. <i>Green Energy and Environment</i> , 2022, 7, 352-359.	4.7	25
11	Au-Decorated Ce@Ti Mixed Oxides for Efficient CO Preferential Photooxidation. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 38019-38030.	4.0	12
12	Synthesis of Ag-Doped Polyoxotitanium Nanoclusters for Efficient Electrocatalytic CO <sub>2</sub> Reduction. <i>Inorganic Chemistry</i> , 2020, 59, 11442-11448.	1.9	23
13	Functional Mesoporous Silica Nanomaterials for Catalysis and Environmental Applications. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 1459-1496.	2.0	114
14	A DFT study of chemical ordering and oxygen adsorption in AuPtPd ternary nanoalloys. <i>Materials Today Communications</i> , 2020, 25, 101545.	0.9	4
15	Supported Metal Clusters: Fabrication and Application in Heterogeneous Catalysis. <i>ACS Catalysis</i> , 2020, 10, 11011-11045.	5.5	260
16	Crystal Phase Control of Gold Nanomaterials by Wet-Chemical Synthesis. <i>Accounts of Chemical Research</i> , 2020, 53, 2106-2118.	7.6	75
17	Catalytic Hydrodeoxygenation of Lignin-Derived Feedstock Into Arenes and Phenolics. <i>Frontiers in Chemical Engineering</i> , 2020, 2, .	1.3	7
18	Gold catalysts containing interstitial carbon atoms boost hydrogenation activity. <i>Nature Communications</i> , 2020, 11, 4600.	5.8	38

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20	Polysulfone Influence on Au Selective Adsorbent Imprinted Membrane Synthesis with Sulfonated Poly Eugenol as Functional Polymer. <i>Membranes</i> , 2020, 10, 390.	1.4	7
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22	Thermal Deactivation of Pd/CeO <sub>2</sub> â€ZrO <sub>2</sub> Three-Way Catalysts during Real Engine Aging: Analysis by a Surface plus Peripheral Site Model. <i>ACS Omega</i> , 2020, 5, 28897-28906.	1.6	19
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27	There's no place like real-space: elucidating size-dependent atomic structure of nanomaterials using pair distribution function analysis. <i>Nanoscale Advances</i> , 2020, 2, 2234-2254.	2.2	71
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