

# Atomically Precise Noble Metal Nanoclusters as Efficient Catalysts: Structure and Properties

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Stabilization of a new nanocomposite family by reduction of gold nanoclusters with electron-reservoir complexes. <i>Chemical Communications</i> , 2019, 55, 10277-10280.	2.2	6
2	Understanding the Solubility Behavior of Atomically Precise Gold Nanoclusters. <i>Journal of Physical Chemistry C</i> , 2019, 123, 20006-20012.	1.5	13
3	Catalytic CO Oxidation by Gas-Phase Metal Oxide Clusters. <i>Journal of Physical Chemistry A</i> , 2019, 123, 9257-9267.	1.1	45
4	Step-by-Step and Competitive Assembly of Two Dy(III) Single-Molecule Magnets with Their Performance Tuned by Schiff Base Ligands. <i>Crystal Growth and Design</i> , 2019, 19, 5369-5375.	1.4	38
5	Determination of the Evolution of Heterogeneous Single Metal Atoms and Nanoclusters under Reaction Conditions: Which Are the Working Catalytic Sites?. <i>ACS Catalysis</i> , 2019, 9, 10626-10639.	5.5	197
6	Ultrasonic Activation of Water-Soluble Au <sub>25</sub> (SR) <sub>18</sub> Nanoclusters for Singlet Oxygen Production. <i>Journal of Physical Chemistry C</i> , 2019, 123, 26644-26652.	1.5	26
7	Interparticle Reactions between Silver Nanoclusters Leading to Product Cocrystals by Selective Cocrystallization. <i>ACS Nano</i> , 2019, 13, 13365-13373.	7.3	31
8	Au-Ag synergistic effect in CF <sub>3</sub> -ketone alkylation catalyzed by precise nanoclusters. <i>Journal of Catalysis</i> , 2019, 378, 220-225.	3.1	13
9	New Advances in Atomically Precise Silver Nanoclusters. , 2019, 1, 482-489.		102
10	Light-Induced Size-Growth of Atomically Precise Nanoclusters. <i>Langmuir</i> , 2019, 35, 12350-12355.	1.6	25
11	Metal Doping of Au <sub>25</sub> (SR) <sub>18</sub> Clusters: Insights and Hindsight. <i>Journal of the American Chemical Society</i> , 2019, 141, 16033-16045.	6.6	120
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13	Capture of Cesium Ions with Nanoclusters: Effects on Inter- and Intramolecular Assembly. <i>Chemistry of Materials</i> , 2019, 31, 4945-4952.	3.2	36
14	Structures and evolution of metal oxide nanoclusters: Bottom-up genetic algorithm and fragment-based energy decomposition model. <i>Annual Reports in Computational Chemistry</i> , 2019, 15, 105-169.	0.9	1
15	An overview on the current understanding of the photophysical properties of metal nanoclusters and their potential applications. <i>Nanoscale</i> , 2019, 11, 22685-22723.	2.8	89
16	Ligand functionalized copper nanoclusters for versatile applications in catalysis, sensing, bioimaging, and optoelectronics. <i>Materials Chemistry Frontiers</i> , 2019, 3, 2326-2356.	3.2	75
17	Transformation of Atomically Precise Nanoclusters by Ligand-Exchange. <i>Chemistry of Materials</i> , 2019, 31, 9939-9969.	3.2	130
18	Interaction of Glutathione-Stabilized Gold Nanoclusters with Doxorubicin and Polycation. <i>Russian Journal of General Chemistry</i> , 2019, 89, 2097-2102.	0.3	2

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20	Enhanced oxygen reduction activity of platinum subnanocluster catalysts through charge redistribution. <i>Chemical Communications</i> , 2019, 55, 12603-12606.	2.2	22
21	Cadmium selenide nanowires from growth to applications. <i>Materials Research Express</i> , 2019, 6, 122007.	0.8	8
22	Polynuclear organometallic clusters: synthesis, structure, and reactivity studies. <i>Chemical Communications</i> , 2020, 56, 1915-1925.	2.2	23
23	Formation of an Alkynyl-Protected Ag <sub>112</sub> Silver Nanocluster as Promoted by Chloride Released In Situ from CH <sub>2</sub> Cl <sub>2</sub> . <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5312-5315.	7.2	82
24	Ligand-protected atomically precise gold nanoclusters as model catalysts for oxidation reactions. <i>Chemical Communications</i> , 2020, 56, 1163-1174.	2.2	52
25	Activation of atom-precise clusters for catalysis. <i>Nanoscale Advances</i> , 2020, 2, 55-69.	2.2	49
26	Photo/electrocatalysis and photosensitization using metal nanoclusters for green energy and medical applications. <i>Nanoscale Advances</i> , 2020, 2, 17-36.	2.2	79
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32	Nanostructured surfaces from ligand-protected metal nanoparticles. <i>Dalton Transactions</i> , 2020, 49, 14314-14319.	1.6	3
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35	Ligand-protected Au <sub>4</sub> Ru <sub>2</sub> and Au <sub>5</sub> Ru <sub>2</sub> nanoclusters: distinct structures and implications for site-cooperation catalysis. <i>Chemical Communications</i> , 2020, 56, 12833-12836.	2.2	11
36	Cl@Ag <sub>22</sub> Au <sub>6</sub> (4- <i>ttbbt</i> ) <sub>28</sub> (PPh <sub>4</sub> ) <sub>+</sub> : A Chloride-Centered Ag <sup>+</sup> Au Bimetallic Cluster for Optics. <i>Chemistry - an Asian Journal</i> , 2020, 15, 4077-4081.	1.7	2

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38	Dithiol-Induced Contraction in Ag <sub>14</sub> Clusters and Its Manifestation in Electronic Structures. <i>Journal of Physical Chemistry C</i> , 2020, 124, 23426-23432.	1.5	8
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90	Ultrastable and Highly Catalytically Active $\text{N}^{\text{Heterocyclic}}$ -Carbene-Stabilized Gold Nanoparticles in Confined Spaces. <i>Angewandte Chemie</i> , 2020, 132, 16826.	1.6	17

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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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