

# Manzhou Zhu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

275  
papers

14,210  
citations

55  
h-index

112  
g-index

290  
ext. papers

16,537  
ext. citations

8.6  
avg, IF

7.19  
L-index

#	Paper	IF	Citations
275	Surface environment complication makes Ag nanoclusters more robust and leads to their unique packing in the supracrystal lattice.. <i>Chemical Science</i> , <b>2022</b> , 13, 1382-1389	9.4	2
274	The self-assembled AgCd nanoclusters: A novel plutonium separating material. <i>Chemical Engineering Journal</i> , <b>2022</b> , 431, 134169	14.7	0
273	Ligand Modification of Au Nanoclusters for Near-Infrared Photocatalytic Oxidative Functionalization.. <i>Journal of the American Chemical Society</i> , <b>2022</b> ,	16.4	3
272	Exploiting the Fracture in Metal-Organic Frameworks: A General Strategy for Bifunctional Atom-Precise Nanocluster/ZIF-8(300TMC) Composites.. <i>Small</i> , <b>2022</b> , e2107459	11	4
271	Atomic structure of a seed-sized gold nanoprism.. <i>Nature Communications</i> , <b>2022</b> , 13, 1235	17.4	2
270	Design of the tumor microenvironment-multiresponsive nanoplatform for dual-targeting and photothermal imaging guided photothermal/photodynamic/chemodynamic cancer therapies with hypoxia improvement and GSH depletion. <i>Chemical Engineering Journal</i> , <b>2022</b> , 441, 136042	14.7	2
269	A multi-responsive Au NCs@PMLE/Ca antitumor hydrogel formed on the interior/surface of tumors for PT imaging-guided synergistic PTT/O-enhanced PDT effects.. <i>Nanoscale</i> , <b>2022</b> , 14, 7372-7386	7.7	0
268	Insight into the Mechanism of Single-Metal-Atom Tailoring on the Surface of Au-Cu Alloy Nanoclusters.. <i>Journal of Physical Chemistry Letters</i> , <b>2022</b> , 4139-4144	6.4	0
267	Alloy nanoclusters-synthesis methods and structural evaluation <b>2022</b> , 349-384		1
266	Multiple Ways Realizing Charge-State Transform in Au?Cu Bimetallic Nanoclusters with Atomic Precision. <i>Small</i> , <b>2021</b> , 17, e1907114	11	12
265	Regulation of Surface Structure of [AuAg(SAdm)(Dppm)Cl](SbF) Nanocluster Alloying.. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 793339	5	
264	Photoluminescence of metal nanoclusters <b>2021</b> ,		
263	Ligand Effects on Intramolecular Configuration, Intermolecular Packing, and Optical Properties of Metal Nanoclusters. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	1
262	Rapid Conversion of a Au Ag into a Au Ag Nanocluster via Bisphosphine Ligand Engineering. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 17554	4.8	1
261	A reasonable approach for the generation of hollow icosahedral kernels in metal nanoclusters. <i>Nature Communications</i> , <b>2021</b> , 12, 6186	17.4	4
260	Redox-Induced Interconversion of Two Au Nanoclusters: the Mechanism and the Structure-Bond Dissociation Activity Correlations. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 5724-5733	5.1	5
259	Ag and Ag Nanoclusters: Toward Active-Site Tailoring of Nanocluster Surface Structures. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 5931-5936	5.1	6

258	AuAg nanocluster: Controllable preparation, structural determination, and optical property investigation. <i>Journal of Chemical Physics</i> , <b>2021</b> , 154, 184302	3.9	4
257	Chiral Inversion and Conservation of Clusters: A Case Study of Racemic AgCu Nanocluster. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 9050-9056	5.1	5
256	[AuAgH(SPhCl)]: An Au-Ag Alloy Nanocluster with 12 Hydrides and Its Enlightenment on Nanocluster Structural Evolution. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 11640-11647	5.1	4
255	Anisotropic Evolution of Nanoclusters from Ag to Ag: Halogen- and Defect-Induced Epitaxial Growth in Nanoclusters. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 6654-6660	6.4	4
254	Hierarchical structural complexity in atomically precise nanocluster frameworks. <i>National Science Review</i> , <b>2021</b> , 8, nwaa077	10.8	20
253	A dual-targeting FeO@C/ZnO-DOX-FA nanoplatform with pH-responsive drug release and synergetic chemo-photothermal antitumor in vitro and in vivo. <i>Materials Science and Engineering C</i> , <b>2021</b> , 118, 111455	8.3	11
252	Structural Isomerism in Atomically Precise Nanoclusters. <i>Chemistry of Materials</i> , <b>2021</b> , 33, 39-62	9.6	13
251	Controlling the Crystallographic Packing Modes of PtAg Nanoclusters: Effects on the Optical Properties and Nitrogen Adsorption-Desorption Performances. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 4198-4206	5.1	4
250	Surface-structure tailoring of ultrafine PtCu nanowires for enhanced electrooxidation of alcohols. <i>Science China Materials</i> , <b>2021</b> , 64, 601-610	7.1	7
249	Site-Specific Electronic Properties of [Ag (SR) ] Nanoclusters by X-Ray Spectroscopy. <i>Small</i> , <b>2021</b> , 17, e2005162	11	1
248	[Ag(S-Bu)(Dppm)](SbF): an intermediate-sized metalloidal silver nanocluster containing a building block of Ag. <i>Chemical Communications</i> , <b>2021</b> , 57, 10383-10386	5.8	1
247	Total structural determination of alloyed AuCu(S-Adm) nanoclusters with double superatomic chains. <i>Chemical Communications</i> , <b>2021</b> , 57, 2017-2020	5.8	3
246	An insight, at the atomic level, into the polarization effect in controlling the morphology of metal nanoclusters. <i>Chemical Science</i> , <b>2021</b> , 12, 11080-11088	9.4	2
245	A double helical 4H assembly pattern with secondary hierarchical complexity in an Ag nanocluster crystal. <i>Nanoscale Horizons</i> , <b>2021</b> , 6, 913-917	10.8	0
244	Structural determination of a metastable Ag <sub>27</sub> nanocluster and its transformations into Ag <sub>8</sub> and Ag <sub>29</sub> nanoclusters. <i>Inorganic Chemistry Frontiers</i> , <b>2021</b> , 8, 4407-4414	6.8	2
243	Self-assembled AuCu/Au NCs@liposome tumor nanotheranostics with PT/fluorescence imaging-guided synergetic PTT/PDT. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 6396-6405	7.3	2
242	Ultrabright Au@Cu nanoclusters: 71.3% phosphorescence quantum yield in non-degassed solution at room temperature. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	20
241	The alloying-induced electrical conductivity of metal-chalcogenolate nanowires. <i>Chemical Communications</i> , <b>2021</b> , 57, 8774-8777	5.8	0

240	Cocrystallization-driven stabilization of metastable nanoclusters: a case study of PdAu. <i>Nanoscale</i> , <b>2021</b> , 13, 7694-7699	7.7	2
239	Insight into the Mechanism of the CuAAC Reaction by Capturing the Crucial AuCu-Alkyne Intermediate. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 1768-1772	16.4	10
238	The pivotal alkyne group in the mutual size-conversion of Au <sub>9</sub> with Au <sub>10</sub> nanoclusters. <i>Dalton Transactions</i> , <b>2021</b> , 50, 10113-10118	4.3	1
237	Interdependence between nanoclusters AuAg and AuAg. <i>Nature Communications</i> , <b>2021</b> , 12, 778	17.4	6
236	Atomically Precise Dinuclear Site Active toward Electrocatalytic CO Reduction. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 11317-11324	16.4	36
235	Cu Doping-Induced Transformation from [Ag S (SBu ) ] to [Ag Cu S (SBu ) ] Nanocluster. <i>Chemistry - an Asian Journal</i> , <b>2021</b> , 16, 2973-2977	4.5	1
234	Unraveling the Nucleation Process from a Au(I)-SR Complex to Transition-Size Nanoclusters. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 15224-15232	16.4	6
233	Structure Determination of the Cl-Enriched [Ag(SAdm)Cl] Nanocluster. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 14803-14809	5.1	1
232	Polystyrene Microspheres Decorated with Au <sub>4</sub> Cu <sub>5</sub> Nanoclusters and their Application in Catalytic Reduction of 4-Nitrophenol. <i>ChemistrySelect</i> , <b>2021</b> , 6, 8843-8847	1.8	0
231	Reversible transformation between AuAg and AuAg nanoclusters. <i>Nanoscale</i> , <b>2021</b> , 13, 17162-17167	7.7	1
230	Boosting alkaline hydrogen evolution performance with alkaline electro-activated ultrafine candied haws-shaped PtW <sub>Ni</sub> nanoalloys. <i>Dalton Transactions</i> , <b>2021</b> , 50, 11099-11105	4.3	1
229	Surface engineering of linearly fused Au units using diphosphine and Cd doping. <i>Chemical Communications</i> , <b>2021</b> , 57, 4682-4685	5.8	5
228	New atomically precise (M = Au/Ag) nanoclusters as excellent oxygen reduction reaction catalysts. <i>Chemical Science</i> , <b>2021</b> , 12, 3660-3667	9.4	10
227	An effective NIR laser/tumor-microenvironment co-responsive cancer theranostic nanoplatform with multi-modal imaging and therapies. <i>Nanoscale</i> , <b>2021</b> , 13, 10816-10828	7.7	11
226	Morphology and Composition Regulation of FeCoNi Prussian Blue Analogues to Advance in the Catalytic Performances of the Derivative Ternary Transition-Metal Phosphides for OER. <i>ChemCatChem</i> , <b>2020</b> , 12, 4339-4345	5.2	14
225	Ligand Effect on Geometry and Electronic Structures of Face-Centered Cubic Ag <sub>14</sub> and Ag <sub>23</sub> Nanoclusters. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 13421-13426	3.8	4
224	All-thiolate-stabilized Ag nanocluster with a tetrahedral kernel and its transformation to an Ag nanocluster with a bi-tetrahedral kernel. <i>Chemical Communications</i> , <b>2020</b> , 56, 7605-7608	5.8	7
223	Atomically Precise Copper Cluster with Intensely Near-Infrared Luminescence and Its Mechanism. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 4891-4896	6.4	14

222	Enhanced microwave absorption from the magnetic-dielectric interface: A hybrid rGO@Ni-doped-MoS <sub>2</sub> . <i>Materials Research Bulletin</i> , <b>2020</b> , 130, 110943	5.1	12
221	Controlling the Phosphine Ligands of PtAg(S-Adm)(PR) Nanoclusters. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 8736-8743	5.1	9
220	Rhombicuboctahedral Ag : Four-Layered Octahedral Silver Nanocluster Adopting the Russian Nesting Doll Model. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 17234-17238	16.4	16
219	Doping Copper Atoms into the Nanocluster Kernel: Total Structure Determination of [CuAg(SAdm)S](BPh). <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 2272-2276	6.4	21
218	Polymorphism of Au(PR)Cl clusters: understanding C-H... interaction and C-H...Cl-C van der Waals interaction on cluster assembly by surface modification.. <i>RSC Advances</i> , <b>2020</b> , 10, 11493-11498	3.7	4
217	Reversible Cu <sub>8</sub> Motif Transformation and Au <sub>4</sub> Distortion via Thiol Ligand Exchange Engineering. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 7531-7538	3.8	6
216	Insight of the photoluminescence of atomically precise bimetallic nanoclusters with free electrons. <i>Journal of the Chinese Chemical Society</i> , <b>2020</b> , 67, 2171-2181	1.5	2
215	Azide-Functionalized Nanoclusters via a Ligand-Induced Rearrangement. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 6736-6743	9.6	2
214	Rhombicuboctahedral Ag <sub>100</sub> : Four-Layered Octahedral Silver Nanocluster Adopting the Russian Nesting Doll Model. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 17387-17391	3.6	2
213	Total Structure Determination of the Pt <sub>1</sub> Ag <sub>9</sub> [P(Ph-F) <sub>3</sub> ] <sub>7</sub> Cl <sub>3</sub> Nanocluster. <i>European Journal of Inorganic Chemistry</i> , <b>2020</b> , 2020, 590-594	2.3	5
212	Assembly of the Thiolated [Au <sub>1</sub> Ag <sub>22</sub> (S-Adm) <sub>12</sub> ] <sub>3+</sub> Superatom Complex into a Framework Material through Direct Linkage by SbF <sub>6</sub> <sup>-</sup> Anions. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 7612-7617	3.6	6
211	Steric and Electrostatic Control of the pH-Regulated Interconversion of Au(SR) and Au(SR) (SR: Deprotonated Captopril). <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 5394-5404	5.1	9
210	Design and Remarkable Efficiency of the Robust Sandwich Cluster Composite Nanocatalysts ZIF-8@Au@ZIF-67. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 4126-4130	16.4	69
209	Different Types of Ligand Exchange Induced by Au Substitution in a Maintained Nanocluster Template. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 1675-1681	5.1	10
208	Atomically resolved AuCu(SR) nanoalloy reveals Marks decahedron truncation and Penrose tiling surface. <i>Nature Communications</i> , <b>2020</b> , 11, 478	17.4	28
207	The mechanism of metal exchange in non-metallic nanoclusters. <i>Nanoscale Advances</i> , <b>2020</b> , 2, 664-668	5.1	5
206	Assembly of the Thiolated [Au Ag (S-Adm) ] Superatom Complex into a Framework Material through Direct Linkage by SbF <sup>-</sup> Anions. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 7542-7547	16.4	46
205	4-in-1 phototheranostics: PDA@CoPA-LA nanocomposite for photothermal imaging/photothermal/in-situ O <sub>2</sub> generation/photodynamic combination therapy. <i>Chemical Engineering Journal</i> , <b>2020</b> , 387, 124113	14.7	19

204	Co-doped Pt Nanowire Networks with Clean Surfaces for Enhanced Oxygen Reduction Reactions. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 1736-1742	4.5	4
203	Heterogeneous metal alloy engineering: embryonic growth of M icosahedra in Ag-based alloy superatomic nanoclusters. <i>Chemical Communications</i> , <b>2020</b> , 56, 14203-14206	5.8	5
202	A novel geometric structure of a nanocluster with an irregular kernel: AgCu(TPP)(SR). <i>Dalton Transactions</i> , <b>2020</b> , 49, 7684-7687	4.3	2
201	Nanocluster growth "graft-onto": effects on geometric structures and optical properties. <i>Chemical Science</i> , <b>2020</b> , 11, 1691-1697	9.4	32
200	Three-dimensional Octameric Assembly of Icosahedral M Units in [Au Ag (Dppp) (C H S) Cl ]Cl and its [Au Ag (Dppp) (C H S) ][BPh ] Derivative. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 3891-3895	16.4	12
199	Three-dimensional Octameric Assembly of Icosahedral M13 Units in [Au8Ag57(Dppp)4(C6H11S)32Cl2]Cl and its [Au8Ag55(Dppp)4(C6H11S)34][BPh4]2 Derivative. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 3919-3923	3.6	4
198	Structurally accurate lipophilic PtAg nanoclusters based cancer theranostic micelles for dual-targeting/aggregation enhanced fluorescence imaging and photothermal/photodynamic therapies. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2020</b> , 196, 111346	6	6
197	A structurally precise AgAu nanocluster based cancer theranostic platform with tri-targeting/O-generation/aggregation enhanced fluorescence imaging/photothermal-photodynamic therapies. <i>Chemical Communications</i> , <b>2020</b> , 56, 9842-9845	5.8	5
196	Structure determination of a metastable Au(SAdm) nanocluster and its spontaneous transformation into Au(SAdm). <i>Nanoscale</i> , <b>2020</b> , 12, 23694-23699	7.7	7
195	The geometric and electronic structures of a AgCu(SAdm)X nanocluster. <i>Dalton Transactions</i> , <b>2020</b> , 49, 17164-17168	4.3	3
194	Inhomogeneous Quantized Single-Electron Charging and Electrochemical-Optical Insights on Transition-Sized Atomically Precise Gold Nanoclusters. <i>ACS Nano</i> , <b>2020</b> ,	16.7	11
193	Atomically precise alloy nanoclusters: syntheses, structures, and properties. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 6443-6514	58.5	186
192	Cocrystallization of Atomically Precise Nanoclusters <b>2020</b> , 2, 1303-1314		17
191	Structure and Properties of Au5Cu6(Dppf)2(SAdm)6(BPh4). <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 21867-21873	3.8	2
190	Overall Structures of Two Metal Nanoclusters: Chloride as a Bridge Fills the Space between the Metal Core and the Metal Shell. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 11905-11909	5.1	8
189	Atomically Precise Noble Metal Nanoclusters as Efficient Catalysts: A Bridge between Structure and Properties. <i>Chemical Reviews</i> , <b>2020</b> , 120, 526-622	68.1	441
188	Porous transition metal phosphides derived from Fe-based Prussian blue analogue for oxygen evolution reaction. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 814, 152332	5.7	16
187	Rendering hydrophobic nanoclusters water-soluble and biocompatible. <i>Chemical Science</i> , <b>2020</b> , 11, 4808-4816	4.1	10



186	Exposing the Delocalized Cu-S Bonds on the Au <sub>24</sub> Cu <sub>6</sub> (SPhtBu) <sub>22</sub> Nanocluster and Its Application in Ring-Opening Reactions. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 15818-15821	3.6	5
185	Sub-nanometer Cu(I) clusters: coordination-modulated (Se vs. S) atom-packing mode and emission. <i>Dalton Transactions</i> , <b>2019</b> , 48, 13921-13924	4.3	4
184	Exposing the Delocalized Cu-S Bonds on the Au <sub>24</sub> Cu <sub>6</sub> (SPhtBu) <sub>22</sub> Nanocluster and Its Application in Ring-Opening Reactions. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 15671-15674	16.4	31
183	Face-Centered-Cubic Ag Nanoclusters: Origins and Consequences of the High Structural Regularity Elucidated by Density Functional Theory Calculations. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 13977-13986	4.8	7
182	Rational construction of a library of M nanoclusters from monometallic to tetrametallic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 18834-18840	11.5	50
181	Light-Induced Size-Growth of Atomically Precise Nanoclusters. <i>Langmuir</i> , <b>2019</b> , 35, 12350-12355	4	16
180	Gram-Scale Preparation of Stable Hydride M@Cu (M = Au/Cu) Nanoclusters. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 6124-6128	6.4	18
179	Intra-cluster growth meets inter-cluster assembly: The molecular and supramolecular chemistry of atomically precise nanoclusters. <i>Coordination Chemistry Reviews</i> , <b>2019</b> , 394, 1-38	23.2	75
178	Near Infrared Electrochemiluminescence of Rod-Shape 25-Atom AuAg Nanoclusters That Is Hundreds-Fold Stronger Than That of Ru(bpy) <sub>3</sub> Standard. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 9603-9609	16.4	66
177	Capture of Cesium Ions with Nanoclusters: Effects on Inter- and Intramolecular Assembly. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 4945-4952	9.6	21
176	Total structural determination of [AuAg(Dppm)(SR)] comprising an open icosahedral AuAg core with six free valence electrons. <i>Chemical Communications</i> , <b>2019</b> , 55, 6457-6460	5.8	11
175	The Ligand-Exchange Reactions of Rod-Like Au <sub>n</sub> M (M=Au, Ag, Cu, Pd, Pt) Nanoclusters with Cysteine - A Density Functional Theory Study. <i>ChemPhysChem</i> , <b>2019</b> , 20, 1822-1829	3.2	2
174	The Structure of a AuCu Bimetal Nanocluster and Its Strong Emission. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 7136-7140	5.7	18
173	Engineered Targeted Hyaluronic Acid-Glutathione-Stabilized Gold Nanoclusters/Graphene Oxide-5-Fluorouracil as a Smart Theranostic Platform for Stimulus-Controlled Fluorescence Imaging-Assisted Synergetic Chemo/Phototherapy. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 1418-1423	4.5	19
172	Tailoring the photoluminescence of atomically precise nanoclusters. <i>Chemical Society Reviews</i> , <b>2019</b> , 48, 2422-2457	58.5	404
171	Isomer Structural Transformation in Au <sub>25</sub> Cu Alloy Nanoclusters: Water Ripple-Like Transfer of Thiol Ligands. <i>Particle and Particle Systems Characterization</i> , <b>2019</b> , 36, 1800494	3.1	12
170	Exposing Cu-Rich {110} Active Facets in PtCu nanostars for boosting electrochemical performance toward multiple liquid fuels electrooxidation. <i>Nano Research</i> , <b>2019</b> , 12, 1147-1153	10	17
169	Stabilization of a new nanocomposite family by reduction of gold nanoclusters with electron-reservoir complexes. <i>Chemical Communications</i> , <b>2019</b> , 55, 10277-10280	5.8	4

168	Reversible nanocluster structure transformation between face-centered cubic and icosahedral isomers. <i>Chemical Science</i> , <b>2019</b> , 10, 8685-8693	9.4	45
167	Free Valence Electron Centralization Strategy for Preparing Ultrastable Nanoclusters and Their Catalytic Application. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 11000-11009	5.1	33
166	Metal synergistic effect on cluster optical properties: based on Ag series nanoclusters. <i>Dalton Transactions</i> , <b>2019</b> , 48, 13190-13196	4.3	8
165	Immobilization of functional nano-objects in living engineered bacterial biofilms for catalytic applications. <i>National Science Review</i> , <b>2019</b> , 6, 929-943	10.8	26
164	Insights into the effect of surface coordination on the structure and properties of AuCu nanoclusters. <i>Nanoscale</i> , <b>2019</b> , 11, 19393-19397	7.7	9
163	CoreShell FeCo Prussian Blue Analogue/Ni(OH) <sub>2</sub> Derived Porous Ternary Transition Metal Phosphides Connected by Graphene for Effectively Electrocatalytic Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 13523-13531	8.3	24
162	Insight into the Geometric and Electronic Structures of Gold/Silver Superatomic Clusters Based on Icosahedron M Units and Their Alloys. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 3222-3231	4.5	12
161	The Structure-Property Correlations in the Isomerism of Au (SR) Nanoclusters by Density Functional Theory Study. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 4303-4308	4.5	4
160	Metal Nanoclusters Stabilized by Selenol Ligands. <i>Small</i> , <b>2019</b> , 15, e1902703	11	33
159	Au-Ag synergistic effect in CF <sub>3</sub> -ketone alkynylation catalyzed by precise nanoclusters. <i>Journal of Catalysis</i> , <b>2019</b> , 378, 220-225	7.3	5
158	Transformation of Atomically Precise Nanoclusters by Ligand-Exchange. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 9939-9969	9.6	75
157	Valence self-regulation of sulfur in nanoclusters. <i>Science Advances</i> , <b>2019</b> , 5, eaax7863	14.3	15
156	Unexpected Observation of Heavy Monomeric Motifs in a Basket-like AuAg Nanocluster. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 1724-1727	5.1	4
155	The photoluminescent metal nanoclusters with atomic precision. <i>Coordination Chemistry Reviews</i> , <b>2019</b> , 378, 595-617	23.2	120
154	Photoinduced Oxidation Catalysis by Au <sub>25-x</sub> Ag <sub>x</sub> (SR) <sub>18</sub> Nanoclusters. <i>ChemNanoMat</i> , <b>2018</b> , 4, 482-486	3.5	9
153	Sulfonate, sulfide and thiolate ligands into an ultrasmall nanocluster: [AgCuS(tBuS)(tBuSO)]. <i>Chemical Communications</i> , <b>2018</b> , 54, 4314-4316	5.8	24
152	Isomerism in Au-Ag Alloy Nanoclusters: Structure Determination and Enantioseparation of [AuAg(SR)(dppm)X]. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 5114-5119	5.1	40
151	Observation of a new type of aggregation-induced emission in nanoclusters. <i>Chemical Science</i> , <b>2018</b> , 9, 3062-3068	9.4	83



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149	Aggregation-Induced Emission (AIE) in Ag-Au Bimetallic Nanocluster. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 3712-3715	4.8	32
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144	A pH-induced charge convertible nanocomposite as novel targeted phototherapy agent and gene carrier. <i>Chemical Engineering Journal</i> , <b>2018</b> , 353, 350-360	14.7	16
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126	Customizing the Structure, Composition, and Properties of Alloy Nanoclusters by Metal Exchange. <i>Accounts of Chemical Research</i> , <b>2018</b> , 51, 2784-2792	24.3	135
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124	Bonding of Two 8-Electron Superatom Clusters. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 17010-17014	3.6	4
123	Bonding of Two 8-Electron Superatom Clusters. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 16768-16772	16.4	33
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31	Synthesis of selenolate-protected Au <sub>18</sub> (SeC <sub>6</sub> H <sub>5</sub> ) <sub>14</sub> nanoclusters. <i>Nanoscale</i> , <b>2013</b> , 5, 1176-82	7.7	51
30	Electron transfer reaction between Au <sub>25</sub> nanocluster and phenothiazine-tetrachloro-p-benzoquinone complex. <i>International Journal of Hydrogen Energy</i> , <b>2013</b> , 38, 16722-16726	6.7	12
29	A quinoline based fluorescent probe that can distinguish zinc(II) from cadmium(II) in water. <i>Tetrahedron Letters</i> , <b>2013</b> , 54, 1125-1128	2	41
28	A rhodamine-based fluorescent probe for detecting Hg(2+) in a fully aqueous environment. <i>Dalton Transactions</i> , <b>2013</b> , 42, 14819-25	4.3	47
27	High yield synthesis of Au <sub>25</sub> nanoclusters by controlling the reduction process. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2013</b> , 13, 1282-5	1.3	6
26	Au <sub>25</sub> clusters as electron-transfer catalysts induced the intramolecular cascade reaction of 2-nitrobenzonitrile. <i>Scientific Reports</i> , <b>2013</b> , 3, 3214	4.9	56
25	One-pot synthesis of phenylmethanethiolate-protected Au <sub>20</sub> (SR) <sub>16</sub> and Au <sub>24</sub> (SR) <sub>20</sub> nanoclusters and insight into the kinetic control. <i>Chemistry - an Asian Journal</i> , <b>2013</b> , 8, 2739-45	4.5	16

24	6-Substituted quinoline-based ratiometric two-photon fluorescent probes for biological Zn <sup>2+</sup> detection. <i>Chemical Communications</i> , <b>2012</b> , 48, 4196-8	5.8	103
23	Quantum sized gold nanoclusters with atomic precision. <i>Accounts of Chemical Research</i> , <b>2012</b> , 45, 1470-9	24.3	731
22	Controlled reduction for size selective synthesis of thiolate-protected gold nanoclusters Au <sub>n</sub> (n = 20, 24, 39, 40). <i>Nanoscale Research Letters</i> , <b>2012</b> , 7, 277	5	20
21	Ligand-exchange synthesis of selenophenolate-capped Au <sub>25</sub> nanoclusters. <i>Nanoscale</i> , <b>2012</b> , 4, 4161-5	7.7	75
20	A novel quinoline-based two-photon fluorescent probe for detecting Cd <sup>2+</sup> in vitro and in vivo. <i>Dalton Transactions</i> , <b>2012</b> , 41, 6189-94	4.3	33
19	Electron Transfer between [Au <sub>25</sub> (SC <sub>2</sub> H <sub>4</sub> Ph) <sub>18</sub> ] <sup>+</sup> and Oxoammonium Cations. <i>Journal of Physical Chemistry Letters</i> , <b>2011</b> , 2, 2104-2109	6.4	61
18	Chiral Au <sup>I</sup> nanospheres and nanorods: synthesis and insight into the origin of chirality. <i>Nano Letters</i> , <b>2011</b> , 11, 3963-9	11.5	153
17	Unexpected reactivity of Au <sub>25</sub> (SCH <sub>2</sub> CH <sub>2</sub> Ph) <sub>18</sub> nanoclusters with salts. <i>Nanoscale</i> , <b>2011</b> , 3, 1703-7	7.7	43
16	Chirality in gold nanoclusters probed by NMR spectroscopy. <i>ACS Nano</i> , <b>2011</b> , 5, 8935-42	16.7	86
15	A naked-eye rhodamine-based fluorescent probe for Fe(III) and its application in living cells. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 2840-2843	2	78
14	Size Focusing: A Methodology for Synthesizing Atomically Precise Gold Nanoclusters. <i>Journal of Physical Chemistry Letters</i> , <b>2010</b> , 1, 2903-2910	6.4	348
13	Thiolate-Protected Au <sub>24</sub> (SC <sub>2</sub> H <sub>4</sub> Ph) <sub>20</sub> Nanoclusters: Superatoms or Not?. <i>Journal of Physical Chemistry Letters</i> , <b>2010</b> , 1, 1003-1007	6.4	108
12	Thiolate-protected Au(n) nanoclusters as catalysts for selective oxidation and hydrogenation processes. <i>Advanced Materials</i> , <b>2010</b> , 22, 1915-20	24	207
11	Conversion of Polydisperse Au Nanoparticles into Monodisperse Au <sub>25</sub> Nanorods and Nanospheres. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 17599-17603	3.8	89
10	Facile, large-scale synthesis of dodecanethiol-stabilized Au <sub>38</sub> clusters. <i>Journal of Physical Chemistry A</i> , <b>2009</b> , 113, 4281-4	2.8	159
9	Reversible switching of magnetism in thiolate-protected Au <sub>25</sub> superatoms. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 2490-2	16.4	371
8	Thiolate-protected Au(20) clusters with a large energy gap of 2.1 eV. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 7220-1	16.4	181
7	Correlating the crystal structure of a thiol-protected Au <sub>25</sub> cluster and optical properties. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 5883-5	16.4	1752

6	Conversion of Anionic $[\text{Au}_{25}(\text{SCH}_2\text{CH}_2\text{Ph})_{18}]^-$ Cluster to Charge Neutral Cluster via Air Oxidation. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 14221-14224	3.8	369
5	One-pot synthesis of robust core/shell gold nanoparticles. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 12852-3	16.4	124
4	Kinetically controlled, high-yield synthesis of $\text{Au}_{25}$ clusters. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 1138-9	16.4	480
3	Optical switching and fluorescence modulation properties of photochromic dithienylethene derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2007</b> , 189, 307-313	4.7	33
2	Construction of a new $\text{Au}_{27}\text{Cd}_1(\text{SAdm})_{14}(\text{DPPF})\text{Cl}$ nanocluster by surface engineering and insight into its structure-property correlation. <i>Inorganic Chemistry Frontiers</i> ,	6.8	3
1	Effect of Heteroatom and Charge Reconstruction in Atomically Precise Metal Nanoclusters on Electrochemical Synthesis of Ammonia. <i>Advanced Functional Materials</i> , 2202820	15.6	4