

# Hannu HÄÄkkinen

## List of Publications by Year in descending order

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Version: 2024-02-01

230  
papers

24,207  
citations

10986

71  
h-index

7518

151  
g-index

240  
all docs

240  
docs citations

240  
times ranked

13748  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Characterization of Enantiopure Chiral Bis NHC-Stabilized Edge-Shared Au <sub>10</sub> Nanocluster with Unique Prolate Shape. <i>Journal of the American Chemical Society</i> , 2022, 144, 2056-2061.	13.7	44
2	Selective Acrolein Hydrogenation over Ligand-Protected Gold Clusters: A Venus Flytrap Mechanism. <i>ACS Catalysis</i> , 2022, 12, 2365-2374.	11.2	6
3	Isomer dynamics of the [Au <sub>6</sub> (NHC-S) <sub>4</sub> ] <sup>2+</sup> nanocluster. <i>Chemical Communications</i> , 2022, 58, 3218-3221.	4.1	2
4	NHC-Stabilized Au <sub>10</sub> Nanoclusters and Their Conversion to Au <sub>25</sub> Nanoclusters. <i>Jacs Au</i> , 2022, 2, 875-885.	7.9	22
5	Regioselective hydrogenation of alkenes over atomically dispersed Pd sites on NHC-stabilized bimetallic nanoclusters. <i>CheM</i> , 2022, 8, 2380-2392.	11.7	19
6	N-Heterocyclic Carbene-Stabilized Hydrido Au <sub>24</sub> Nanoclusters: Synthesis, Structure, and Electrocatalytic Reduction of CO <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2022, 144, 9000-9006.	13.7	74
7	N-Heterocyclic Carbene-Stabilized Gold Nanoclusters with Organometallic Motifs for Promoting Catalysis. <i>Journal of the American Chemical Society</i> , 2022, 144, 10844-10853.	13.7	51
8	A Homoleptic Alkynyl-Ligated [Au <sub>13</sub> Ag <sub>16</sub> L <sub>24</sub> ] <sup>3+</sup> Cluster as a Catalytically Active Eight-Electron Superatom. <i>Angewandte Chemie</i> , 2021, 133, 983-988.	2.0	6
9	A Homoleptic Alkynyl-Ligated [Au <sub>13</sub> Ag <sub>16</sub> L <sub>24</sub> ] <sup>3+</sup> Cluster as a Catalytically Active Eight-Electron Superatom. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 970-975.	13.8	43
10	Surface Coordination of Multiple Ligands Endows N-Heterocyclic Carbene-Stabilized Gold Nanoclusters with High Robustness and Surface Reactivity. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3752-3758.	13.8	71
11	Surface Coordination of Multiple Ligands Endows N-Heterocyclic Carbene-Stabilized Gold Nanoclusters with High Robustness and Surface Reactivity. <i>Angewandte Chemie</i> , 2021, 133, 3796-3802.	2.0	14
12	Experimental Confirmation of a Topological Isomer of the Ubiquitous Au <sub>25</sub> (SR) <sub>18</sub> Cluster in the Gas Phase. <i>Journal of the American Chemical Society</i> , 2021, 143, 1273-1277.	13.7	33
13	Covalent and non-covalent coupling of a Au <sub>102</sub> nanocluster with a fluorophore: energy transfer, quenching and intracellular pH sensing. <i>Nanoscale Advances</i> , 2021, 3, 6649-6658.	4.6	7
14	Atomically Precise Gold Nanoclusters: Towards an Optimal Biocompatible System from a Theoretical-Experimental Strategy. <i>Small</i> , 2021, 17, e2005499.	10.0	28
15	Atomically Precise Alkynyl- and Halide-Protected AuAg Nanoclusters Au <sub>78</sub> Ag <sub>66</sub> (C <sub>6</sub> H <sub>5</sub> ) <sub>48</sub> Cl <sub>8</sub> and Au <sub>74</sub> Ag <sub>60</sub> (C <sub>6</sub> H <sub>5</sub> ) <sub>40</sub> Br <sub>12</sub> : The Ligation Effects of Halides. <i>Inorganic Chemistry</i> , 2021, 60, 3529-3533.	4.0	13
16	Ag <sub>44</sub> (EBT) <sub>26</sub> (TPP) <sub>4</sub> Nanoclusters With Tailored Molecular and Electronic Structure. <i>Angewandte Chemie</i> , 2021, 133, 9120-9126.	2.0	6
17	Copper-hydride nanoclusters with enhanced stability by N-heterocyclic carbenes. <i>Nano Research</i> , 2021, 14, 3303-3308.	10.4	33
18	The Journal of Physical Chemistry C Virtual Special Issue on Metal Clusters, Nanoparticles, and the Physical Chemistry of Catalysis. <i>Journal of Physical Chemistry C</i> , 2021, 125, 4927-4929.	3.1	2

#	ARTICLE	IF	CITATIONS
19	Ag <sub>44</sub> (EBT) <sub>26</sub> (TPP) <sub>4</sub> Nanoclusters With Tailored Molecular and Electronic Structure. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9038-9044.	13.8	33
20	Enhanced Surface Ligands Reactivity of Metal Clusters by Bulky Ligands for Controlling Optical and Chiral Properties. <i>Angewandte Chemie</i> , 2021, 133, 13007-13013.	2.0	4
21	Magnetically induced currents and aromaticity in ligand-stabilized Au and AuPt superatoms. <i>Nature Communications</i> , 2021, 12, 2477.	12.8	6
22	Enhanced Surface Ligands Reactivity of Metal Clusters by Bulky Ligands for Controlling Optical and Chiral Properties. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12897-12903.	13.8	42
23	Prospects and challenges for computer simulations of monolayer-protected metal clusters. <i>Nature Communications</i> , 2021, 12, 2197.	12.8	20
24	Cubic aromaticity in ligand-stabilized doped Au superatoms. <i>Journal of Chemical Physics</i> , 2021, 154, 204303.	3.0	6
25	Gold Nanoclusters: Atomically Precise Gold Nanoclusters: Towards an Optimal Biocompatible System from a Theoretical–Experimental Strategy (Small 27/2021). <i>Small</i> , 2021, 17, 2170140.	10.0	3
26	[Pt <sub>2</sub> Cu <sub>34</sub> (PET) <sub>22</sub> Cl <sub>4</sub> ] <sup>2+</sup> : An Atomically Precise, 10-Electron PtCu Bimetal Nanocluster with a Direct Pt–Pt Bond. <i>Journal of the American Chemical Society</i> , 2021, 143, 12100-12107.	13.7	47
27	Ligand Ratio Plays a Critical Role in the Design of Optimal Multifunctional Gold Nanoclusters for Targeted Gastric Cancer Therapy. <i>ACS Nanoscience Au</i> , 2021, 1, 47-60.	4.8	7
28	Reversible isomerization of metal nanoclusters induced by intermolecular interaction. <i>CheM</i> , 2021, 7, 2227-2244.	11.7	38
29	Tertiary Chiral Nanostructures from C <sup>∞</sup> H <sup>∞</sup> ...F Directed Assembly of Chiroptical Superatoms. <i>Angewandte Chemie</i> , 2021, 133, 22585-22590.	2.0	1
30	Tertiary Chiral Nanostructures from C <sup>∞</sup> H <sup>∞</sup> ...F Directed Assembly of Chiroptical Superatoms. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22411-22416.	13.8	24
31	Photo-Induced Cluster-to-Cluster Transformation of [Au <sub>37</sub> Ag <sub>13</sub> (PPh <sub>3</sub> ) <sub>3</sub> Cl <sub>10</sub> ] <sup>3+</sup> into [Au <sub>25</sub> Ag <sub>10</sub> (PPh <sub>3</sub> ) <sub>3</sub> Cl <sub>8</sub> ] <sup>4+</sup> : Fragmentation of a Trimer of 8-Electron Superatoms by Light. <i>Journal of Physical Chemistry Letters</i> .	13	13
32	[Cu <sub>32</sub> (PET) <sub>24</sub> H <sub>8</sub> Cl <sub>2</sub> ](PPh <sub>4</sub> ) <sub>2</sub> : A Copper Hydride Nanocluster with a Bisquare Antiprismatic Core. <i>Journal of the American Chemical Society</i> , 2020, 142, 13974-13981.	13.7	73
33	Analysis of the plasmonic excitations in assemblies of three-dimensional electron clusters. <i>Physical Review B</i> , 2020, 102, .	3.2	0
34	Monte Carlo Simulations of Au <sub>38</sub> (SCH <sub>3</sub> ) <sub>24</sub> Nanocluster Using Distance-Based Machine Learning Methods. <i>Journal of Physical Chemistry A</i> , 2020, 124, 4827-4836.	2.5	33
35	Solvent-mediated assembly of atom-precise gold–silver nanoclusters to semiconducting one-dimensional materials. <i>Nature Communications</i> , 2020, 11, 2229.	12.8	91
36	Binding Behavior of Carbonmonoxide to Gold Atoms on Ag(001). <i>Topics in Catalysis</i> , 2020, 63, 1578-1584.	2.8	1

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37	A topological isomer of the Au <sub>25</sub> (SR) <sub>18</sub> <sup>+</sup> nanocluster. Chemical Communications, 2020, 56, 8087-8090.	4.1	30
38	Synthesis and properties of an Au <sub>6</sub> cluster supported by a mixed N-heterocyclic carbene-thiolate ligand. Chemical Communications, 2020, 56, 6102-6105.	4.1	19
39	Electron Binding in a Superatom with a Repulsive Coulomb Barrier: The Case of [Ag <sub>44</sub> (SC <sub>6</sub> H <sub>3</sub> F <sub>2</sub> ) <sub>30</sub> ] <sup>4+</sup> in the Gas Phase. Journal of Physical Chemistry Letters, 2020, 11, 3069-3074.	4.6	20
40	Towards Atomically Precise Supported Catalysts from Monolayer-Protected Clusters: The Critical Role of the Support. Chemistry - A European Journal, 2020, 26, 7051-7058.	3.3	25
41	Solubility-Driven Isolation of a Metastable Nonagold Cluster with Body-Centered Cubic Structure. Chemistry - A European Journal, 2020, 26, 8465-8470.	3.3	17
42	Charge Transfer Plasmons in Dimeric Electron Clusters. Journal of Physical Chemistry C, 2020, 124, 12645-12654.	3.1	10
43	Dynamics of weak interactions in the ligand layer of <i>meta</i> -mercaptobenzoic acid protected gold nanoclusters Au <sub>68</sub> ( <i>m</i> -MBA) <sub>32</sub> and Au <sub>144</sub> ( <i>m</i> -MBA) <sub>40</sub> . Nanoscale, 2020, 12, 23859-23868.	5.6	6
44	Role of Nanocrystal Symmetry in the Crossover Region from Molecular to Metallic Gold Nanoparticles. Journal of Physical Chemistry C, 2019, 123, 20655-20663.	3.1	21
45	Combinatorial Identification of Hydrides in a Ligated Ag <sub>40</sub> Nanocluster with Noncompact Metal Core. Journal of the American Chemical Society, 2019, 141, 11905-11911.	13.7	72
46	Chiral footprint of the ligand layer in the all-alkynyl-protected gold nanocluster Au <sub>144</sub> (CCPhF) <sub>60</sub> . Chemical Communications, 2019, 55, 9460-9462.	4.1	10
47	Highly Robust but Surface-Active: An N-Heterocyclic Carbene-Stabilized Au <sub>25</sub> Nanocluster. Angewandte Chemie - International Edition, 2019, 58, 17731-17735.	13.8	125
48	Highly Robust but Surface-Active: An N-Heterocyclic Carbene-Stabilized Au <sub>25</sub> Nanocluster. Angewandte Chemie, 2019, 131, 17895-17899.	2.0	39
49	A method for structure prediction of metal-ligand interfaces of hybrid nanoparticles. Nature Communications, 2019, 10, 3973.	12.8	37
50	Robust, Highly Luminescent Au <sub>13</sub> Superatoms Protected by N-Heterocyclic Carbenes. Journal of the American Chemical Society, 2019, 141, 14997-15002.	13.7	185
51	Ab initio molecular dynamics studies of Au <sub>38</sub> (SR) <sub>24</sub> isomers under heating. European Physical Journal D, 2019, 73, 1.	1.3	8
52	Cd <sub>12</sub> Ag <sub>32</sub> (SePh) <sub>36</sub> : Non-Noble Metal Doped Silver Nanoclusters. Journal of the American Chemical Society, 2019, 141, 8422-8425.	13.7	71
53	Atomically Precise, Thiolated Copper-Hydride Nanoclusters as Single-Site Hydrogenation Catalysts for Ketones in Mild Conditions. ACS Nano, 2019, 13, 5975-5986.	14.6	138
54	Chiral Inversion of Thiolate-Protected Gold Nanoclusters via Core Reconstruction without Breaking a Au-S Bond. Journal of the American Chemical Society, 2019, 141, 6006-6012.	13.7	66

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55	N-heterocyclic carbene-functionalized magic-number gold nanoclusters. <i>Nature Chemistry</i> , 2019, 11, 419-425.	13.6	333
56	Computational Study of Adsorption of CO <sub>2</sub> , SO <sub>2</sub> , and H <sub>2</sub> CO on Free-Standing and Molybdenum-Supported CaO Films. <i>Journal of Physical Chemistry C</i> , 2019, 123, 7758-7765.	3.1	4
57	Towards Controlled Synthesis of Water-Soluble Gold Nanoclusters: Synthesis and Analysis. <i>Journal of Physical Chemistry C</i> , 2019, 123, 2602-2612.	3.1	34
58	Connections Between Theory and Experiment for Gold and Silver Nanoclusters. <i>Annual Review of Physical Chemistry</i> , 2018, 69, 205-229.	10.8	80
59	Atomically Precise Nanocluster Assemblies Encapsulating Plasmonic Gold Nanorods. <i>Angewandte Chemie</i> , 2018, 130, 6632-6636.	2.0	10
60	Atomically Precise Nanocluster Assemblies Encapsulating Plasmonic Gold Nanorods. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6522-6526.	13.8	57
61	From Symmetry Breaking to Unraveling the Origin of the Chirality of Ligated Au <sub>13</sub> Cu <sub>2</sub> Nanoclusters. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3421-3425.	13.8	88
62	Ligand mediated evolution of size dependent magnetism in cobalt nanoclusters. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 4563-4570.	2.8	7
63	Role of Donor and Acceptor Substituents on the Nonlinear Optical Properties of Gold Nanoclusters. <i>Journal of Physical Chemistry C</i> , 2018, 122, 4019-4028.	3.1	15
64	From Symmetry Breaking to Unraveling the Origin of the Chirality of Ligated Au <sub>13</sub> Cu <sub>2</sub> Nanoclusters. <i>Angewandte Chemie</i> , 2018, 130, 3479-3483.	2.0	23
65	Thiol-stabilized atomically precise, superatomic silver nanoparticles for catalysing cycloisomerization of alkynyl amines. <i>National Science Review</i> , 2018, 5, 694-702.	9.5	63
66	Au <sub>70</sub> S <sub>20</sub> (PPh <sub>3</sub> ) <sub>12</sub> : an intermediate sized metalloid gold cluster stabilized by the Au <sub>4</sub> S <sub>4</sub> ring motif and Au-PPh <sub>3</sub> groups. <i>Chemical Communications</i> , 2018, 54, 248-251.	4.1	42
67	Point Group Symmetry Analysis of the Electronic Structure of Bare and Protected Metal Nanocrystals. <i>Journal of Physical Chemistry A</i> , 2018, 122, 8576-8584.	2.5	19
68	Real-space imaging with pattern recognition of a ligand-protected Ag <sub>374</sub> nanocluster at sub-molecular resolution. <i>Nature Communications</i> , 2018, 9, 2948.	12.8	26
69	Co-crystallization of atomically precise metal nanoparticles driven by magic atomic and electronic shells. <i>Nature Communications</i> , 2018, 9, 3357.	12.8	95
70	Stability, electronic structure, and optical properties of protected gold-doped silver Ag <sub>29</sub> xAu <sub>x</sub> (x = 0-5) nanoclusters. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 13868-13874.	2.8	38
71	Reversible Supracolloidal Self-Assembly of Cobalt Nanoparticles to Hollow Capsids and Their Superstructures. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6473-6477.	13.8	34
72	Embryonic Growth of Face-Center-Cubic Silver Nanoclusters Shaped in Nearly Perfect Half-Cubes and Cubes. <i>Journal of the American Chemical Society</i> , 2017, 139, 31-34.	13.7	113

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73	Bulky Surface Ligands Promote Surface Reactivities of [Ag <sub>141</sub> X <sub>12</sub> (S-Adm) <sub>40</sub> ] <sup>3+</sup> (X = Cl, Br, I) Nanoclusters: Models for Multiple-Twinned Nanoparticles. <i>Journal of the American Chemical Society</i> , 2017, 139, 13288-13291.	13.7	124
74	Preface to the Special Issue "ISSPIC XVIII: International Symposium on Small Particles and Inorganic Clusters 2016". <i>Journal of Physical Chemistry C</i> , 2017, 121, 10629-10631.	3.1	0
75	Exploring Strategies for Labeling Viruses with Gold Nanoclusters through Non-equilibrium Molecular Dynamics Simulations. <i>Bioconjugate Chemistry</i> , 2017, 28, 2327-2339.	3.6	9
76	Structure and dynamics of CaO films: A computational study of an effect of external static electric field. <i>Physical Review B</i> , 2017, 95, .	3.2	2
77	Structural characterization of site-modified nanocapsid with monodispersed gold clusters. <i>Scientific Reports</i> , 2017, 7, 17048.	3.3	13
78	Analysis of Localized Surface Plasmon Resonances in Spherical Jellium Clusters and Their Assemblies. <i>Journal of Physical Chemistry C</i> , 2017, 121, 27036-27052.	3.1	18
79	Dynamic Stabilization of the Ligand-Metal Interface in Atomically Precise Gold Nanoclusters Au <sub>68</sub> and Au <sub>144</sub> Protected by <i>meta</i> -Mercaptobenzoic Acid. <i>ACS Nano</i> , 2017, 11, 11872-11879.	14.6	37
80	Exploring the atomic structure of 1.8 nm monolayer-protected gold clusters with aberration-corrected STEM. <i>Ultramicroscopy</i> , 2017, 176, 146-150.	1.9	8
81	Analysis of the Electronic Structure of Non-Spherical Ligand-Protected Metal Nanoclusters: The Case of a Box-Like Ag <sub>67</sub> . <i>Journal of Physical Chemistry C</i> , 2017, 121, 10698-10705.	3.1	11
82	Patterning of supported gold monolayers via chemical lift-off lithography. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 2648-2661.	2.8	16
83	Reversible Supracolloidal Self-Assembly of Cobalt Nanoparticles to Hollow Capsids and Their Superstructures. <i>Angewandte Chemie</i> , 2017, 129, 6573-6577.	2.0	18
84	Au <sub>102</sub> (p-MBA) <sub>44</sub> nanocluster, a superatom suitable for bio-applications. , 2016, , .		0
85	Template-Free Supracolloidal Self-Assembly of Atomically Precise Gold Nanoclusters: From 2D Colloidal Crystals to Spherical Capsids. <i>Angewandte Chemie</i> , 2016, 128, 16269-16272.	2.0	19
86	Surface Chemistry Controls Magnetism in Cobalt Nanoclusters. <i>Journal of Physical Chemistry C</i> , 2016, 120, 20822-20827.	3.1	10
87	Symmetry breaking in ligand-protected gold clusters probed by nonlinear optics. <i>Nanoscale</i> , 2016, 8, 12123-12127.	5.6	31
88	Acid-Base Properties and Surface Charge Distribution of the Water-Soluble Au <sub>102</sub> (p-MBA) <sub>44</sub> Nanocluster. <i>Journal of Physical Chemistry C</i> , 2016, 120, 10041-10050.	3.1	47
89	Jahn-Teller effects in Au <sub>25</sub> (SR) <sub>18</sub> . <i>Chemical Science</i> , 2016, 7, 1882-1890.	7.4	149
90	Gold/Isothiopyrone Interaction Driven by Keto/Enol Tautomerization. <i>Journal of Physical Chemistry C</i> , 2016, 120, 21962-21966.	3.1	5

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91	Template-Free Supracolloidal Self-Assembly of Atomically Precise Gold Nanoclusters: From 2D Colloidal Crystals to Spherical Capsids. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 16035-16038.	13.8	86
92	Asymmetric Synthesis of Chiral Bimetallic $[\text{Ag}_{28}\text{Cu}_{12}(\text{SR})_{24}]^{4-}$ Nanoclusters via Ion Pairing. <i>Journal of the American Chemical Society</i> , 2016, 138, 12751-12754.	13.7	196
93	Covalently linked multimers of gold nanoclusters $\text{Au}_{102}(\text{p-MBA})_{44}$ and $\text{Au}_{4250}(\text{p-MBA})_n$ . <i>Nanoscale</i> , 2016, 8, 18665-18674.	5.6	59
94	$[\text{Ag}_{67}(\text{SPhMe})_2]_{32}(\text{PPh})_3]_{8}^{3+}$ : Synthesis, Total Structure, and Optical Properties of a Large Box-Shaped Silver Nanocluster. <i>Journal of the American Chemical Society</i> , 2016, 138, 14727-14732.	13.7	167
95	Electronic shell structures in bare and protected metal nanoclusters. <i>Advances in Physics: X</i> , 2016, 1, 467-491.	4.1	36
96	Plasmonic twinned silver nanoparticles with molecular precision. <i>Nature Communications</i> , 2016, 7, 12809.	12.8	235
97	Site Preference in Multimetallic Nanoclusters: Incorporation of Alkali Metal Ions or Copper Atoms into the Alkynyl-Protected Body-Centered Cubic Cluster $[\text{Au}_7\text{Ag}_8(\text{C}^{\%}\text{C}^{\text{t}}\text{Bu})_{12}]^{+}$ . <i>Angewandte Chemie</i> , 2016, 128, 15376-15380.	2.0	11
98	Site Preference in Multimetallic Nanoclusters: Incorporation of Alkali Metal Ions or Copper Atoms into the Alkynyl-Protected Body-Centered Cubic Cluster $[\text{Au}_7\text{Ag}_8(\text{C}^{\%}\text{C}^{\text{t}}\text{Bu})_{12}]^{+}$ . <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15152-15156.	13.8	60
99	Conformation and dynamics of the ligand shell of a water-soluble $\text{Au}_{102}$ nanoparticle. <i>Nature Communications</i> , 2016, 7, 10401.	12.8	91
100	A Unified AMBER-Compatible Molecular Mechanics Force Field for Thiolate-Protected Gold Nanoclusters. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 1342-1350.	5.3	76
101	Atomically Precise Alkynyl-Protected Metal Nanoclusters as a Model Catalyst: Observation of Promoting Effect of Surface Ligands on Catalysis by Metal Nanoparticles. <i>Journal of the American Chemical Society</i> , 2016, 138, 3278-3281.	13.7	297
102	Gold assisted oxygen dissociation on a molybdenum-doped $\text{CaO}(001)$ surface. <i>Catalysis Science and Technology</i> , 2016, 6, 6784-6793.	4.1	3
103	How many gold atoms make gold metal?. <i>Europhysics News</i> , 2015, 46, 23-26.	0.3	7
104	Carbon Dioxide Activation and Reaction Induced by Electron Transfer at an Oxide-Metal Interface. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12484-12487.	13.8	80
105	Electronic Structure. <i>Frontiers of Nanoscience</i> , 2015, 9, 189-222.	0.6	12
106	Theoretical Analysis of the $\text{M}_{12}\text{Ag}_{32}(\text{SR})_{40}$ and $\text{X@M}_{12}\text{Ag}_{32}(\text{SR})_{30}$ Nanoclusters (M = Au, Ag; X = H, Tj, IQ, O, O, BT / Over		
107	Copper Induces a Core Plasmon in Intermetallic $\text{Au}_{(144,145)}\text{Cu}_{\text{x}}(\text{SR})_{60}$ Nanoclusters. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 515-520.	4.6	27
108	Silver Sulfide Nanoclusters and the Superatom Model. <i>Journal of Physical Chemistry C</i> , 2015, 119, 1583-1590.	3.1	10

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109	A Critical Size for Emergence of Nonbulk Electronic and Geometric Structures in Dodecanethiolate-Protected Au Clusters. <i>Journal of the American Chemical Society</i> , 2015, 137, 1206-1212.	13.7	322
110	The Role of the Anchor Atom in the Ligand of the Monolayer-Protected Au <sub>25</sub> (XR) <sub>18</sub> <sup>+</sup> Nanocluster. <i>Journal of Physical Chemistry C</i> , 2015, 119, 9587-9594.	3.1	28
111	Impacts of Copper Position on the Electronic Structure of [Au <sub>25-x</sub> Cu <sub>x</sub> (SH) <sub>18</sub> ] <sup>+</sup> Nanoclusters. <i>Journal of Physical Chemistry C</i> , 2015, 119, 8290-8298.	3.1	27
112	Molecule-like Photodynamics of Au <sub>102</sub> (pMBA) <sub>44</sub> Nanocluster. <i>ACS Nano</i> , 2015, 9, 2328-2335.	14.6	66
113	An Intermetallic Au <sub>24</sub> Ag <sub>20</sub> Superatom Nanocluster Stabilized by Labile Ligands. <i>Journal of the American Chemical Society</i> , 2015, 137, 4324-4327.	13.7	175
114	Pd <sub>2</sub> Au <sub>36</sub> (SR) <sub>24</sub> cluster: structure studies. <i>Nanoscale</i> , 2015, 7, 17012-17019.	5.6	46
115	Dynamic Diglyme-Mediated Self-Assembly of Gold Nanoclusters. <i>ACS Nano</i> , 2015, 9, 11690-11698.	14.6	33
116	Hydrophobic pocket targeting probes for enteroviruses. <i>Nanoscale</i> , 2015, 7, 17457-17467.	5.6	35
117	Nonlinear Optical Properties of Thiolate-Protected Gold Clusters: A Theoretical Survey of the First Hyperpolarizabilities. <i>Journal of Physical Chemistry C</i> , 2015, 119, 27676-27682.	3.1	31
118	Photodynamics of a Molecular Water-Soluble Nanocluster Identified as Au <sub>130</sub> (pMBA) <sub>50</sub> . <i>Journal of Physical Chemistry C</i> , 2015, 119, 20224-20229.	3.1	20
119	Total Structure and Electronic Structure Analysis of Doped Thiolated Silver [MAg <sub>24</sub> (SR) <sub>18</sub> ] <sup>2+</sup> (M = Pd, Pt) Clusters. <i>Journal of the American Chemical Society</i> , 2015, 137, 11880-11883.	13.7	221
120	Solid state halogen bonded networks vs. dynamic assemblies in solution: explaining Nâˆ™X interactions of multivalent building blocks. <i>CrystEngComm</i> , 2015, 17, 8231-8241.	2.6	6
121	Supramolecular Functionalization and Concomitant Enhancement in Properties of Au <sub>25</sub> Clusters. <i>ACS Nano</i> , 2014, 8, 139-152.	14.6	94
122	Site-specific targeting of enterovirus capsid by functionalized monodisperse gold nanoclusters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1277-1281.	7.1	95
123	Mixed-Monolayer-Protected Au <sub>25</sub> Clusters with Bulky Calix[4]arene Functionalities. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 585-589.	4.6	34
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125	Optical and electronic properties of graphene nanoribbons upon adsorption of ligand-protected aluminum clusters. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 3558.	2.8	22
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128	Structural Evolution of Atomically Precise Thiolated Bimetallic [Au <sub>12+n</sub> Cu <sub>32</sub> (SR) <sub>30+n</sub> ] <sup>4+</sup> (n = 0, 1, 2, 3, 4) by FT/Over	11.0	148
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