

# Yuichi Negishi

## List of Publications by Citations

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207 papers	13,309 citations	55 h-index	111 g-index
223 ext. papers	14,566 ext. citations	5.9 avg, IF	6.63 L-index

#	Paper	IF	Citations
207	Glutathione-protected gold clusters revisited: bridging the gap between gold(I)-thiolate complexes and thiolate-protected gold nanocrystals. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 5261-70	16.4	1336
206	Size-specific catalytic activity of polymer-stabilized gold nanoclusters for aerobic alcohol oxidation in water. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 9374-5	16.4	764
205	Magic-numbered Au(n) clusters protected by glutathione monolayers (n = 18, 21, 25, 28, 32, 39): isolation and spectroscopic characterization. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 6518-9	16.4	493
204	Large-scale synthesis of thiolated Au <sub>25</sub> clusters via ligand exchange reactions of phosphine-stabilized Au <sub>11</sub> clusters. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 13464-5	16.4	375
203	Ubiquitous 8 and 29 kDa gold:alkanethiolate cluster compounds: mass-spectrometric determination of molecular formulas and structural implications. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 8608-10	16.4	352
202	Extremely high stability of glutathionate-protected Au <sub>25</sub> clusters against core etching. <i>Small</i> , <b>2007</b> , 3, 835-9	11	344
201	Colloidal gold nanoparticles as catalyst for carbon-carbon bond formation: application to aerobic homocoupling of phenylboronic acid in water. <i>Langmuir</i> , <b>2004</b> , 20, 11293-6	4	328
200	Enhancement in Aerobic Alcohol Oxidation Catalysis of Au <sub>25</sub> Clusters by Single Pd Atom Doping. <i>ACS Catalysis</i> , <b>2012</b> , 2, 1519-1523	13.1	312
199	Origin of magic stability of thiolated gold clusters: a case study on Au <sub>25</sub> (SC <sub>6</sub> H <sub>13</sub> ) <sub>18</sub> . <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 11322-3	16.4	310
198	Continuous modulation of electronic structure of stable thiolate-protected Au <sub>25</sub> cluster by Ag doping. <i>Chemical Communications</i> , <b>2010</b> , 46, 4713-5	5.8	295
197	Biicosahedral Gold Clusters [Au <sub>25</sub> (PPh <sub>3</sub> ) <sub>10</sub> (SC <sub>n</sub> H <sub>2n+1</sub> ) <sub>5</sub> Cl <sub>2</sub> ] <sub>2</sub> +(n= 2118): A Stepping Stone to Cluster-Assembled Materials. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 7845-7847	3.8	292
196	A critical size for emergence of nonbulk electronic and geometric structures in dodecanethiolate-protected Au clusters. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 1206-12	16.4	271
195	Isolation, structure, and stability of a dodecanethiolate-protected Pd(1)Au(24) cluster. <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 6219-25	3.6	262
194	Evolution of hierarchical hexagonal stacked plates of CuS from liquid-liquid interface and its photocatalytic application for oxidative degradation of different dyes under indoor lighting. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 6313-8	10.3	232
193	Silver nanoparticle decorated reduced graphene oxide (rGO) nanosheet: a platform for SERS based low-level detection of uranyl ion. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 8724-32	9.5	222
192	Effect of Copper Doping on Electronic Structure, Geometric Structure, and Stability of Thiolate-Protected Au <sub>25</sub> Nanoclusters. <i>Journal of Physical Chemistry Letters</i> , <b>2012</b> , 3, 2209-14	6.4	189
191	Precise synthesis, functionalization and application of thiolate-protected gold clusters. <i>Coordination Chemistry Reviews</i> , <b>2016</b> , 320-321, 238-250	23.2	176

190	Alloy Clusters: Precise Synthesis and Mixing Effects. <i>Accounts of Chemical Research</i> , <b>2018</b> , 51, 3114-3124	24.3	173
189	One-pot preparation of subnanometer-sized gold clusters via reduction and stabilization by meso-2,3-dimercaptosuccinic acid. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 4046-7	16.4	164
188	Chiroptical activity of BINAP-stabilized undecagold clusters. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 11611-4	3.4	161
187	Palladium doping of magic gold cluster Au <sub>38</sub> (SC <sub>2</sub> H <sub>4</sub> Ph) <sub>24</sub> : formation of Pd <sub>2</sub> Au <sub>36</sub> (SC <sub>2</sub> H <sub>4</sub> Ph) <sub>24</sub> with higher stability than Au <sub>38</sub> (SC <sub>2</sub> H <sub>4</sub> Ph) <sub>24</sub> . <i>Chemical Communications</i> , <b>2012</b> , 48, 660-2	5.8	159
186	Synthesis and the Origin of the Stability of Thiolate-Protected Au <sub>130</sub> and Au <sub>187</sub> Clusters. <i>Journal of Physical Chemistry Letters</i> , <b>2012</b> , 3, 1624-8	6.4	141
185	Effect of Ag-Doping on the Catalytic Activity of Polymer-Stabilized Au Clusters in Aerobic Oxidation of Alcohol. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 4885-4888	3.8	137
184	Ligand-Induced Stability of Gold Nanoclusters: Thiolate versus Selenolate. <i>Journal of Physical Chemistry Letters</i> , <b>2012</b> , 3, 2649-52	6.4	132
183	Chromatographic isolation of "missing" Au <sub>55</sub> clusters protected by alkanethiolates. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 6036-7	16.4	127
182	Hierarchy of bond stiffnesses within icosahedral-based gold clusters protected by thiolates. <i>Nature Communications</i> , <b>2016</b> , 7, 10414	17.4	118
181	Separation of precise compositions of noble metal clusters protected with mixed ligands. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 4946-9	16.4	118
180	X-ray magnetic circular dichroism of size-selected, thiolated gold clusters. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 12034-5	16.4	117
179	Redox Transmetalation of Prickly Nickel Nanowires for Morphology Controlled Hierarchical Synthesis of Nickel/Gold Nanostructures for Enhanced Catalytic Activity and SERS Responsive Functional Material. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 1659-1673	3.8	112
178	A new binding motif of sterically demanding thiolates on a gold cluster. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 14295-7	16.4	105
177	A Gel-Based Approach To Design Hierarchical CuS Decorated Reduced Graphene Oxide Nanosheets for Enhanced Peroxidase-like Activity Leading to Colorimetric Detection of Dopamine. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 23790-23800	3.8	103
176	Recent Progress in the Functionalization Methods of Thiolate-Protected Gold Clusters. <i>Journal of Physical Chemistry Letters</i> , <b>2014</b> , 5, 4134-42	6.4	97
175	Remarkable enhancement in ligand-exchange reactivity of thiolate-protected Au <sub>25</sub> nanoclusters by single Pd atom doping. <i>Nanoscale</i> , <b>2013</b> , 5, 508-12	7.7	97
174	Kinetic stabilization of growing gold clusters by passivation with thiolates. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 12218-21	3.4	91
173	Multiple-Decker Sandwich Complexes of Lanthanide $\pi$ ,3,5,7-Cyclooctatetraene [Ln(C <sub>8</sub> H <sub>8</sub> ) <sub>m</sub> ] (Ln = Ce, Nd, Eu, Ho, and Yb); Localized Ionic Bonding Structure. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 11766-11772	16.4	91

172	Synthesis of stable Cu(n)Au(25-n) nanoclusters (n = 1-9) using selenolate ligands. <i>Chemical Communications</i> , <b>2013</b> , 49, 5447-9	5.8	89
171	Toward the creation of stable, functionalized metal clusters. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 18736-51	3.6	88
170	Visible photoluminescence from nearly monodispersed Au <sub>12</sub> clusters protected by meso-2,3-dimercaptosuccinic acid. <i>Chemical Physics Letters</i> , <b>2004</b> , 383, 161-165	2.5	88
169	Enhanced photocatalytic water splitting by BaLa <sub>4</sub> Ti <sub>4</sub> O <sub>15</sub> loaded with ~1 nm gold nanoclusters using glutathione-protected Au <sub>25</sub> clusters. <i>Nanoscale</i> , <b>2013</b> , 5, 7188-92	7.7	83
168	Photoelectron spectroscopy of gold-silver binary cluster anions (Au <sub>n</sub> Ag <sub>m</sub> ] <sup>2-n+m-4</sup> ). <i>Journal of Chemical Physics</i> , <b>2001</b> , 115, 3657-3663	3.9	83
167	Formation of Alkanethiolate-Protected Gold Clusters with Unprecedented Core Sizes in the Thiolation of Polymer-Stabilized Gold Clusters. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 4153-4158	3.8	81
166	Preferential Location of Coinage Metal Dopants (M = Ag or Cu) in [Au <sub>25</sub> M <sub>x</sub> (SC <sub>2</sub> H <sub>4</sub> Ph) <sub>18</sub> ] <sup>x</sup> (~ 1) As Determined by Extended X-ray Absorption Fine Structure and Density Functional Theory Calculations. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 25284-25290	3.8	80
165	Formation of a [email-protected] <sub>12</sub> Superatomic Core in Au <sub>24</sub> Pd <sub>1</sub> (SC <sub>12</sub> H <sub>25</sub> ) <sub>18</sub> Probed by <sup>197</sup> Au Mössbauer and Pd K-Edge EXAFS Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , <b>2013</b> , 4, 3579-3583	6.4	80
164	Isolation and structural characterization of an octaneselenolate-protected Au <sub>25</sub> cluster. <i>Langmuir</i> , <b>2011</b> , 27, 12289-92	4	76
163	Understanding Ligand-Exchange Reactions on Thiolate-Protected Gold Clusters by Probing Isomer Distributions Using Reversed-Phase High-Performance Liquid Chromatography. <i>ACS Nano</i> , <b>2015</b> , 9, 9347-56	16.7	73
162	Controlled Loading of Small Au <sub>n</sub> Clusters (n = 10-9) onto BaLa <sub>4</sub> Ti <sub>4</sub> O <sub>15</sub> Photocatalysts: Toward an Understanding of Size Effect of Cocatalyst on Water-Splitting Photocatalytic Activity. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 11224-11232	3.8	68
161	Selenolate-Protected Au <sub>38</sub> Nanoclusters: Isolation and Structural Characterization. <i>Journal of Physical Chemistry Letters</i> , <b>2013</b> , 4, 3181-3185	6.4	68
160	Ag <sub>44</sub> (SeR) <sub>30</sub> : A Hollow Cage Silver Cluster with Selenolate Protection. <i>Journal of Physical Chemistry Letters</i> , <b>2013</b> , 4, 3351-5	6.4	68
159	Size Determination of Gold Clusters by Polyacrylamide Gel Electrophoresis in a Large Cluster Region. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 14076-14082	3.8	67
158	Photoelectron spectroscopy of germanium-fluorine binary cluster anions: the HOMO-LUMO gap estimation of Gen clusters. <i>Chemical Physics Letters</i> , <b>1997</b> , 269, 199-207	2.5	67
157	Account of nitroarene reduction with size- and facet-controlled CuO-MnO <sub>2</sub> nanocomposites. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 9173-84	9.5	66
156	An aminolytic approach toward hierarchical [Ni(OH) <sub>2</sub> ] nanoporous architectures: a bimodal forum for photocatalytic and surface-enhanced raman scattering activity. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 8813-27	5.1	64
155	Hierarchical Au@CuO nanocomposite from redox transformation reaction for surface enhanced Raman scattering and clock reaction. <i>CrystEngComm</i> , <b>2014</b> , 16, 883-893	3.3	57

154	Isolation and structural characterization of magic silver clusters protected by 4-(tert-butyl)benzyl mercaptan. <i>Chemical Communications</i> , <b>2011</b> , 47, 5693-5	5.8	57
153	Production of jet-cooled coronene and coronene cluster anions and their study with photoelectron spectroscopy. <i>Chemical Physics Letters</i> , <b>1999</b> , 309, 49-54	2.5	56
152	Preformed ZnS nanoflower prompted evolution of CuS/ZnS p-n heterojunctions for exceptional visible-light driven photocatalytic activity. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 5628-5635	3.6	55
151	Photoelectron spectroscopy of silicon-fluorine binary cluster anions (SiF <sub>n</sub> <sup>-</sup> ). <i>Journal of Chemical Physics</i> , <b>1996</b> , 105, 5369-5376	3.9	55
150	Fabrication of dog-bone shaped Au NR-core Pt/Pd-shell trimetallic nanoparticle-decorated reduced graphene oxide nanosheets for excellent electrocatalysis. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 3765-3776	13.54	
149	One pot synthesis of intriguing fluorescent carbon dots for sensing and live cell imaging. <i>Talanta</i> , <b>2016</b> , 150, 253-64	6.2	53
148	Geometric and electronic structures of silicon-sodium binary clusters. II. Photoelectron spectroscopy of Si <sub>n</sub> Nam <sup>-</sup> cluster anions. <i>Journal of Chemical Physics</i> , <b>1997</b> , 107, 10029-10043	3.9	53
147	Fabrication and Functionalization of CuO for Tuning Superhydrophobic Thin Film and Cotton Wool. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 20953-20963	3.8	52
146	A photoresponsive Au <sub>25</sub> nanocluster protected by azobenzene derivative thiolates. <i>Nanoscale</i> , <b>2012</b> , 4, 4263-8	7.7	51
145	Synthesis of highly fluorescent silver clusters on gold(I) surface. <i>Langmuir</i> , <b>2013</b> , 29, 2033-43	4	51
144	Size and Structure Dependence of Electronic States in Thiolate-Protected Gold Nanoclusters of Au <sub>25</sub> (SR) <sub>18</sub> , Au <sub>38</sub> (SR) <sub>24</sub> , and Au <sub>144</sub> (SR) <sub>60</sub> . <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 3674-3679	3.8	50
143	Electronic properties of substituted aluminum clusters by boron and carbon atoms (Al <sub>n</sub> B <sub>m</sub> /Al <sub>n</sub> C <sub>m</sub> ) <sup>-</sup> : new insights into sp <sup>2</sup> hybridization and perturbed shell structures. <i>Chemical Physics Letters</i> , <b>2001</b> , 337, 255-262	2.5	49
142	Photo/electrocatalysis and photosensitization using metal nanoclusters for green energy and medical applications. <i>Nanoscale Advances</i> , <b>2020</b> , 2, 17-36	5.1	49
141	High-resolution separation of thiolate-protected gold clusters by reversed-phase high-performance liquid chromatography. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 4251-65	3.6	47
140	Gold nanoclusters as electrocatalysts: size, ligands, heteroatom doping, and charge dependences. <i>Nanoscale</i> , <b>2020</b> , 12, 9969-9979	7.7	46
139	Au <sub>25</sub> Clusters Containing Unoxidized Tellurolates in the Ligand Shell. <i>Journal of Physical Chemistry Letters</i> , <b>2014</b> , 5, 2072-6	6.4	46
138	Biomolecule-mediated CdS-TiO <sub>2</sub> -reduced graphene oxide ternary nanocomposites for efficient visible light-driven photocatalysis. <i>Dalton Transactions</i> , <b>2015</b> , 44, 193-201	4.3	46
137	Photoelectron spectroscopy of tin and lead cluster anions: application of halogen-doping method. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2000</b> , 106, 117-125	1.7	46

- 136 Facile Synthesis of Unique Hexagonal Nanoplates of Zn/Co Hydroxy Sulfate for Efficient Electrocatalytic Oxygen Evolution Reaction. *ACS Applied Materials & Interfaces*, **2017**, 9, 8134-8141 9.5 45
- 135 A Unified Framework for Understanding the Structure and Modifications of Atomically Precise Monolayer Protected Gold Clusters. *Journal of Physical Chemistry C*, **2015**, 119, 27768-27785 3.8 45
- 134 Au<sub>25</sub>-Loaded BaLa<sub>4</sub>Ti<sub>4</sub>O<sub>15</sub> Water-Splitting Photocatalyst with Enhanced Activity and Durability Produced Using New Chromium Oxide Shell Formation Method. *Journal of Physical Chemistry C*, **2018**, 122, 13669-13681 3.8 45
- 133 Effect of trimetallization in thiolate-protected Au(24-n)Cu(n)Pd clusters. *Nanoscale*, **2015**, 7, 10606-12 7.7 45
- 132 Luminescence properties of metallo-supramolecular coordination polymers assembled from pyridine ring functionalized ditopic bis-terpyridines and Ru(II) ion. *Journal of Materials Chemistry*, **2008**, 18, 4555 45
- 131 Toward the Creation of Functionalized Metal Nanoclusters and Highly Active Photocatalytic Materials Using Thiolate-Protected Magic Gold Clusters. *Bulletin of the Chemical Society of Japan*, **2014**, 87, 375-389 5.1 44
- 130 Crystal-Plane-Dependent Etching of Cuprous Oxide Nanoparticles of Varied Shapes and Their Application in Visible Light Photocatalysis. *Journal of Physical Chemistry C*, **2013**, 117, 24640-24653 3.8 43
- 129 Tuning the electronic structure of thiolate-protected 25-atom clusters by co-substitution with metals having different preferential sites. *Dalton Transactions*, **2016**, 45, 18064-18068 4.3 41
- 128 Understanding and Practical Use of Ligand and Metal Exchange Reactions in Thiolate-Protected Metal Clusters to Synthesize Controlled Metal Clusters. *Chemical Record*, **2017**, 17, 473-484 6.6 40
- 127 A twisted bi-icosahedral Au(25) cluster enclosed by bulky arenethiolates. *Chemical Communications*, **2014**, 50, 839-41 5.8 40
- 126 The infrared HOMO-LUMO gap of germanium clusters. *Chemical Physics Letters*, **1998**, 294, 370-376 2.5 40
- 125 EXAFS study on interfacial structure between Pd cluster and n-octadecanethiolate monolayer: formation of mixed PdS interlayer. *Chemical Physics Letters*, **2003**, 376, 26-32 2.5 39
- 124 Electronic and geometric properties of exohedral sodium- and gold-fullerenes. *Journal of Chemical Physics*, **2001**, 114, 8459-8466 3.9 39
- 123 Thiolate-Protected Trimetallic AuAgPd and AuAgPt Alloy Clusters with Controlled Chemical Composition and Metal Positions. *Journal of Physical Chemistry Letters*, **2018**, 9, 2590-2594 6.4 38
- 122 A new stable Pd-Mn<sub>3</sub>O<sub>4</sub> nanocomposite as an efficient electrocatalyst for the hydrogen evolution reaction. *Chemical Communications*, **2016**, 52, 6095-8 5.8 38
- 121 Atomic-Level Understanding of the Effect of Heteroatom Doping of the Cocatalyst on Water-Splitting Activity in AuPd or AuPt Alloy Cluster-Loaded BaLa<sub>4</sub>Ti<sub>4</sub>O<sub>15</sub>. *ACS Applied Energy Materials*, **2019**, 2, 4175-4187 6.1 37
- 120 Atomically Precise Alloy Nanoclusters. *Chemistry - A European Journal*, **2020**, 26, 16150-16193 4.8 37
- 119 Advanced use of high-performance liquid chromatography for synthesis of controlled metal clusters. *Nanoscale*, **2014**, 6, 7889-96 7.7 36

118	Atomic and Isomeric Separation of Thiolate-Protected Alloy Clusters. <i>Journal of Physical Chemistry Letters</i> , <b>2018</b> , 9, 4930-4934	6.4	35
117	Hetero-biicosahedral [AuPd(PPh)(SCHPh)Cl] nanocluster: selective synthesis and optical and electrochemical properties. <i>Nanoscale</i> , <b>2018</b> , 10, 18969-18979	7.7	35
116	Geometric and electronic structures of fluorine bound silicon clusters. <i>Journal of Chemical Physics</i> , <b>1998</b> , 108, 8039-8058	3.9	35
115	Ligand Exchange Reactions in Thiolate-Protected Au <sub>25</sub> Nanoclusters with Selenolates or Tellurolates: Preferential Exchange Sites and Effects on Electronic Structure. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 25861-25869	3.8	34
114	Decoration of Fe <sub>3</sub> O <sub>4</sub> Base Material with Pd Loaded CdS Nanoparticle for Superior Photocatalytic Efficiency. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 11485-11494	3.8	33
113	Photoelectron spectroscopy of sodium-coated C <sub>60</sub> and C <sub>70</sub> cluster anions. <i>Physical Review B</i> , <b>1999</b> , 60, 4509-4512	3.3	33
112	Controlled colloidal metal nanoparticles and nanoclusters: recent applications as cocatalysts for improving photocatalytic water-splitting activity. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 16081-16113 <sup>13</sup>		33
111	Thiolate-induced structural reconstruction of gold clusters probed by <sup>197</sup> Au Mössbauer spectroscopy. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 7230-1	16.4	32
110	Understanding and designing one-dimensional assemblies of ligand-protected metal nanoclusters. <i>Materials Horizons</i> , <b>2020</b> , 7, 796-803	14.4	31
109	A novel concept for the synthesis of multiply doped gold clusters [(M@Au(n)M <sub>q</sub> m))L(k)](q+). <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 4327-31	16.4	30
108	Structures and Stabilities of Alkanethiolate Monolayers on Palladium Clusters As Studied by Gel Permeation Chromatography. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 3496-3503	3.4	30
107	High-performance liquid chromatography mass spectrometry of gold and alloy clusters protected by hydrophilic thiolates. <i>Nanoscale</i> , <b>2018</b> , 10, 1641-1649	7.7	30
106	Air-processed inverted organic solar cells utilizing a 2-aminoethanol-stabilized ZnO nanoparticle electron transport layer that requires no thermal annealing. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 18754-18760	13	29
105	Synthesis, Stability, and Photoluminescence Properties of PdAu <sub>10</sub> (PPh <sub>3</sub> ) <sub>8</sub> Cl <sub>2</sub> Clusters. <i>Journal of Cluster Science</i> , <b>2012</b> , 23, 365-374	3	28
104	Formation of Pd <sub>n</sub> (SR) <sub>m</sub> clusters (n. <i>Chemical Physics Letters</i> , <b>2002</b> , 366, 561-566	2.5	28
103	Thiolate-Protected Metal Nanoclusters: Recent Development in Synthesis, Understanding of Reaction, and Application in Energy and Environmental Field. <i>Small</i> , <b>2021</b> , 17, e2005328	11	28
102	An Au <sub>25</sub> (SR) <sub>18</sub> Cluster with a Face-Centered Cubic Core. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 13199-13204	3.8	28
101	One-, Two-, and Three-Dimensional Self-Assembly of Atomically Precise Metal Nanoclusters. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	27

100	Activation of Water-Splitting Photocatalysts by Loading with Ultrafine Rh-Cr Mixed-Oxide Cocatalyst Nanoparticles. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 7076-7082	16.4	27
99	Hierarchical growth of ZnFe <sub>2</sub> O <sub>4</sub> for sensing applications. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 1861-1871	3.6	27
98	Redox-Mediated Synthesis of a Fe <sub>3</sub> O <sub>4</sub> /MnO <sub>2</sub> Nanocomposite for Dye Adsorption and Pseudocapacitance. <i>Chemistry - an Asian Journal</i> , <b>2015</b> , 10, 1571-80	4.5	26
97	Green synthesis and reversible dispersion of a giant fluorescent cluster in solid and liquid phase. <i>Langmuir</i> , <b>2013</b> , 29, 10945-58	4	26
96	Fluorescent Fe(II) metallo-supramolecular polymers: metal-ion-directed self-assembly of new bisterpyridines containing triethylene glycol chains. <i>Polymer Journal</i> , <b>2010</b> , 42, 336-341	2.7	26
95	Visible photoluminescence of the deposited germanium oxide prepared from clusters in the gas phase. <i>Journal of Applied Physics</i> , <b>2000</b> , 88, 6037-6043	2.5	26
94	Photoelectron Spectroscopy of V <sub>x</sub> (Coronene) <sub>y</sub> and Ti <sub>x</sub> (Coronene) <sub>y</sub> Anions. <i>Journal of Physical Chemistry A</i> , <b>2001</b> , 105, 10093-10097	2.8	26
93	Improvements in the Ligand-Exchange Reactivity of Phenylethanethiolate-Protected Au <sub>25</sub> Nanocluster by Ag or Cu Incorporation. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 14301-14309	3.8	25
92	Elucidating ligand effects in thiolate-protected metal clusters using AuPt(TBBT) as a model cluster. <i>Nanoscale</i> , <b>2019</b> , 11, 22089-22098	7.7	24
91	Dynamic Behavior of Thiolate-Protected Gold-Silver 38-Atom Alloy Clusters in Solution. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 13324-13329	3.8	23
90	Atomic-level separation of thiolate-protected metal clusters. <i>Nanoscale</i> , <b>2020</b> , 12, 8017-8039	7.7	23
89	Thermodynamic and Kinetics Aspects of Spherical MnO <sub>2</sub> Nanoparticle Synthesis in Isoamyl Alcohol: An Ex Situ Study of Particles to One-Dimensional Shape Transformation. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 21173-21183	3.8	23
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