

Yuichi Negishi

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.

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	Ion-Selective Covalent Organic Framework Membranes as a Catalytic Polysulfide Trap to Arrest the Redox Shuttle Effect in Lithium-Sulfur Batteries.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	5
206	Development and Functionalization of Visible-Light-Driven Water-Splitting Photocatalysts.. <i>Nanomaterials</i> , 2022 , 12,	5.4	3
205	Electrochemical Measurement Methods for Researchers of Metal Nanoclusters. <i>Denki Kagaku</i> , 2022 , 90, 45-52	0	
204	Innentitelbild: Creation of High-Performance Heterogeneous Photocatalysts by Controlling Ligand Desorption and Particle Size of Gold Nanocluster (Angew. Chem. 39/2021). <i>Angewandte Chemie</i> , 2021 , 133, 21242-21242	3.6	
203	[AgPd(PPh)Cl]: A new family of synthesizable bi-icosahedral superatomic molecules. <i>Journal of Chemical Physics</i> , 2021 , 155, 024302	3.9	1
202	Creation of active water-splitting photocatalysts by controlling cocatalysts using atomically precise metal nanoclusters. <i>Chemical Communications</i> , 2021 , 57, 417-440	5.8	13
201	Effect of Ligand on the Electronic State of Gold in Ligand-Protected Gold Clusters Elucidated by X-ray Absorption Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 3143-3149	3.8	3
200	Toward the creation of high-performance heterogeneous catalysts by controlled ligand desorption from atomically precise metal nanoclusters. <i>Nanoscale Horizons</i> , 2021 , 6, 409-448	10.8	13
199	Cu(II)-Based Nanofibrous Metallogel for Phenoxazinone Synthase-like Activity. <i>ACS Applied Nano Materials</i> , 2021 , 4, 1455-1466	5.6	2
198	Thiolate-Protected Metal Nanoclusters: Recent Development in Synthesis, Understanding of Reaction, and Application in Energy and Environmental Field. <i>Small</i> , 2021 , 17, e2005328	11	28
197	Creation of High-Performance Heterogeneous Photocatalysts by Controlling Ligand Desorption and Particle Size of Gold Nanocluster. <i>Angewandte Chemie</i> , 2021 , 133, 21510-21520	3.6	2
196	Creation of High-Performance Heterogeneous Photocatalysts by Controlling Ligand Desorption and Particle Size of Gold Nanocluster. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 21340-21350	16.4	17
195	Thermal stability of crown-motif [Au(PPh)] and [MAu(PPh)] (M = Pd, Pt) clusters: Effects of gas composition, single-atom doping, and counter anions. <i>Journal of Chemical Physics</i> , 2021 , 155, 044307	3.9	0
194	Metal Nanoclusters: Thiolate-Protected Metal Nanoclusters: Recent Development in Synthesis, Understanding of Reaction, and Application in Energy and Environmental Field (Small 27/2021). <i>Small</i> , 2021 , 17, 2170138	11	
193	Simple and high-yield preparation of carbon-black-supported ~1 nm platinum nanoclusters and their oxygen reduction reactivity. <i>Nanoscale</i> , 2021 , 13, 14679-14687	7.7	4
192	Atomically Precise Alloy Nanoclusters. <i>Chemistry - A European Journal</i> , 2020 , 26, 16149	4.8	2
191	Frontispiece: Atomically Precise Alloy Nanoclusters. <i>Chemistry - A European Journal</i> , 2020 , 26,	4.8	1

190	Atomically Precise Alloy Nanoclusters. <i>Chemistry - A European Journal</i> , 2020 , 26, 16150-16193	4.8	37
189	One-, Two-, and Three-Dimensional Self-Assembly of Atomically Precise Metal Nanoclusters. <i>Nanomaterials</i> , 2020 , 10,	5.4	27
188	Activation of Water-Splitting Photocatalysts by Loading with Ultrafine Rh ₄ Ir Mixed-Oxide Cocatalyst Nanoparticles. <i>Angewandte Chemie</i> , 2020 , 132, 7142-7148	3.6	2
187	Gold nanoclusters as electrocatalysts: size, ligands, heteroatom doping, and charge dependences. <i>Nanoscale</i> , 2020 , 12, 9969-9979	7.7	46
186	Activation of Water-Splitting Photocatalysts by Loading with Ultrafine Rh-Cr Mixed-Oxide Cocatalyst Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 7076-7082	16.4	27
185	Atomic-level separation of thiolate-protected metal clusters. <i>Nanoscale</i> , 2020 , 12, 8017-8039	7.7	23
184	Electron Microscopic Observation of an Icosahedral Au ₁₃ Core in Au ₂₅ (SePh) ₁₈ and Reversible Isomerization between Icosahedral and Face-Centered Cubic Cores in Au ₁₄₄ (SC ₂ H ₄ Ph) ₆₀ . <i>Journal of Physical Chemistry C</i> , 2020 , 124, 6907-6912	3.8	12
183	Gold Nanoclusters as Electrocatalysts for Energy Conversion. <i>Nanomaterials</i> , 2020 , 10,	5.4	18
182	Cell density-dependent accumulation of low polarity gold nanocluster in cultured vascular endothelial cells. <i>Journal of Toxicological Sciences</i> , 2020 , 45, 795-800	1.9	1
181	Understanding and designing one-dimensional assemblies of ligand-protected metal nanoclusters. <i>Materials Horizons</i> , 2020 , 7, 796-803	14.4	31
180	Alumina-supported Pt ₁₇ cluster: controlled loading, geometrical structure, and size-specific catalytic activity for carbon monoxide and propylene oxidation. <i>Nanoscale Advances</i> , 2020 , 2, 669-678	5.1	11
179	Photo/electrocatalysis and photosensitization using metal nanoclusters for green energy and medical applications. <i>Nanoscale Advances</i> , 2020 , 2, 17-36	5.1	49
178	Vibrational Spectra of Thiolate-Protected Gold Nanocluster with Infrared Reflection Absorption Spectroscopy: Size- and Temperature-Dependent Ordering Behavior of Organic Monolayer. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 363-371	3.8	3
177	Controlled colloidal metal nanoparticles and nanoclusters: recent applications as cocatalysts for improving photocatalytic water-splitting activity. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 16081-16113 ¹³		33
176	Mechanistic Study of Silane Alcoholysis Reactions with Self-Assembled Monolayer-Functionalized Gold Nanoparticle Catalysts. <i>Catalysts</i> , 2020 , 10, 908	4	4
175	Determining and Controlling Cu-Substitution Sites in Thiolate-Protected Gold-Based 25-Atom Alloy Nanoclusters. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 22304-22313	3.8	12
174	Atomic-Level Understanding of the Effect of Heteroatom Doping of the Cocatalyst on Water-Splitting Activity in AuPd or AuPt Alloy Cluster-Loaded BaLa ₄ Ti ₄ O ₁₅ . <i>ACS Applied Energy Materials</i> , 2019 , 2, 4175-4187	6.1	37
173	Dynamic Behavior of Thiolate-Protected GoldSilver 38-Atom Alloy Clusters in Solution. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 13324-13329	3.8	23

172	Carbon-nanotube-based Photocatalysts for Water Splitting in Cooperation with BiVO ₄ and [Co(bpy) ₃] ^{3+/2+} . <i>Chemistry Letters</i> , 2019 , 48, 410-413	1.7	4
171	Toward the Creation of Highly Active Photocatalysts That Convert Methane into Methanol 2019 ,		2
170	Separation of Phenylethanethiolate-protected Gold-Silver 38-atom Alloy Clusters at Atomic Precision by Reversed-phase High-performance Liquid Chromatography. <i>Bunseki Kagaku</i> , 2019 , 68, 769-776	0.2	1
169	Precise synthesis of platinum and alloy clusters and elucidation of their structures 2019 ,		4
168	Elucidation of the Fundamental Properties of Thiolate-protected Metal Clusters by HPLC. <i>Bunseki Kagaku</i> , 2019 , 68, 825-838	0.2	1
167	Elucidating ligand effects in thiolate-protected metal clusters using AuPt(TBBT) as a model cluster. <i>Nanoscale</i> , 2019 , 11, 22089-22098	7.7	24
166	Deepening the Understanding of Thiolate-Protected Metal Clusters Using High-Performance Liquid Chromatography. <i>Bulletin of the Chemical Society of Japan</i> , 2019 , 92, 664-695	5.1	22
165	Au ₂₅ -Loaded BaLa ₄ Ti ₄ O ₁₅ Water-Splitting Photocatalyst with Enhanced Activity and Durability Produced Using New Chromium Oxide Shell Formation Method. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 13669-13681	3.8	45
164	Thiolate-Protected Trimetallic AuAgPd and AuAgPt Alloy Clusters with Controlled Chemical Composition and Metal Positions. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 2590-2594	6.4	38
163	Evolution of Silver-Mediated, Enhanced Fluorescent Au-Ag Nanoclusters under UV Activation: A Platform for Sensing. <i>ACS Omega</i> , 2018 , 3, 3463-3470	3.9	9
162	Atomic and Isomeric Separation of Thiolate-Protected Alloy Clusters. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 4930-4934	6.4	35
161	Synthesis and characterization of metal-diaminobipyridine complexes as low-cost co-catalysts for photo-sensitized hydrogen evolution. <i>Inorganica Chimica Acta</i> , 2018 , 482, 821-829	2.7	1
160	Hetero-biicosahedral [AuPd(PPh)(SCHPh)Cl] nanocluster: selective synthesis and optical and electrochemical properties. <i>Nanoscale</i> , 2018 , 10, 18969-18979	7.7	35
159	Characterization of floating-gate memory device with thiolate-protected gold and gold-palladium nanoclusters. <i>AIP Advances</i> , 2018 , 8, 065002	1.5	10
158	Photo-induced H evolution from water via the dissociation of excitons in water-dispersible single-walled carbon nanotube sensitizers. <i>Chemical Communications</i> , 2018 , 54, 393-396	5.8	6
157	High-performance liquid chromatography mass spectrometry of gold and alloy clusters protected by hydrophilic thiolates. <i>Nanoscale</i> , 2018 , 10, 1641-1649	7.7	30
156	Thiolate-Protected Gold Clusters as Functional Materials in Photocatalysts 2018 , 683-696		2
155	Alloy Clusters: Precise Synthesis and Mixing Effects. <i>Accounts of Chemical Research</i> , 2018 , 51, 3114-3124	24.3	173

- 154 An Au₂₅(SR)₁₈ Cluster with a Face-Centered Cubic Core. *Journal of Physical Chemistry C*, **2018**, 122, 131998-132048
- 153 Separation of Glutathionate-Protected Gold Clusters by Reversed-Phase Ion-Pair High-Performance Liquid Chromatography. *Industrial & Engineering Chemistry Research*, **2017**, 56, 1029-1035 3.9 15
- 152 [Pt₁₇(CO)₁₂(PPh₃)₈]_n⁺ (n = 1, 2): Synthesis and Geometric and Electronic Structures. *Journal of Physical Chemistry C*, **2017**, 121, 11002-11009 3.8 15
- 151 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
- 150 SWCNT Photocatalyst for Hydrogen Production from Water upon Photoexcitation of (8, 3) SWCNT at 680-nm Light. *Scientific Reports*, **2017**, 7, 43445 4.9 21
- 149 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
- 148 Monodisperse Iridium Clusters Protected by Phenylacetylene: Implication for Size-Dependent Evolution of Binding Sites. *Journal of Physical Chemistry C*, **2017**, 121, 10936-10941 3.8 14
- 147 Perspective: Exchange reactions in thiolate-protected metal clusters. *APL Materials*, **2017**, 5, 053201 5.7 21
- 146 Advance Aqueous Asymmetric Supercapacitor Based on Large 2D NiCoO Nanostructures and the rGO@FeO Composite. *ACS Omega*, **2017**, 2, 6576-6585 3.9 22
- 145 Incorporating a TiO_x shell in single-walled carbon nanotube/fullerodendron coaxial nanowires: increasing the photocatalytic evolution of H₂ from water under irradiation with visible light. *RSC Advances*, **2017**, 7, 31767-31770 3.7 10
- 144 Solvent Polarity-Dependent Behavior of Aliphatic Thiols and Amines toward Intriguingly Fluorescent AuAgGSH Assembly. *ACS Omega*, **2017**, 2, 8086-8098 3.9 4
- 143 Nanocluster Science **2017**, 3-32 4
- 142 Fabrication and Characterization of Floating Memory Devices Based on Thiolate-Protected Gold Nanoclusters. *Journal of Physical Chemistry C*, **2017**, 121, 10638-10644 3.8 10
- 141 Photoresponsive Gold Clusters **2017**, 109-125
- 140 High-resolution separation of thiolate-protected gold clusters by reversed-phase high-performance liquid chromatography. *Physical Chemistry Chemical Physics*, **2016**, 18, 4251-65 3.6 47
- 139 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
- 138 Ligand Exchange Reactions in Thiolate-Protected Au₂₅ Nanoclusters with Selenolates or Tellurolates: Preferential Exchange Sites and Effects on Electronic Structure. *Journal of Physical Chemistry C*, **2016**, 120, 25861-25869 3.8 34
- 137 Halogen adsorbates on polymer-stabilized gold clusters: Mass spectrometric detection and effects on catalysis. *Chinese Journal of Catalysis*, **2016**, 37, 1656-1661 11.3 11

- ¹³⁶ Fabrication of Nitrogen-Doped Mesoporous-Carbon-Coated Palladium Nanoparticles: An Intriguing Electrocatalyst for Methanol and Formic Acid Oxidation. *Chemistry - an Asian Journal*, **2016**, 11, 1588-96 4.5 19
- ¹³⁵ Improvements in the Ligand-Exchange Reactivity of Phenylethanethiolate-Protected Au₂₅ Nanocluster by Ag or Cu Incorporation. *Journal of Physical Chemistry C*, **2016**, 120, 14301-14309 3.8 25
- ¹³⁴ Precise synthesis, functionalization and application of thiolate-protected gold clusters. *Coordination Chemistry Reviews*, **2016**, 320-321, 238-250 23.2 176
- ¹³³ Hierarchy of bond stiffnesses within icosahedral-based gold clusters protected by thiolates. *Nature Communications*, **2016**, 7, 10414 17.4 118
- ¹³² Fabrication of dog-bone shaped Au NRcorePt/Pdshell trimetallic nanoparticle-decorated reduced graphene oxide nanosheets for excellent electrocatalysis. *Journal of Materials Chemistry A*, **2016**, 4, 3765-3776 13.7 54
- ¹³¹ Hierarchical growth of ZnFe₂O₄ for sensing applications. *New Journal of Chemistry*, **2016**, 40, 1861-1871 3.6 27
- ¹³⁰ One pot synthesis of intriguing fluorescent carbon dots for sensing and live cell imaging. *Talanta*, **2016**, 150, 253-64 6.2 53
- ¹²⁹ A new stable Pd-Mn₃O₄ nanocomposite as an efficient electrocatalyst for the hydrogen evolution reaction. *Chemical Communications*, **2016**, 52, 6095-8 5.8 38
- ¹²⁸ Controlled Loading of Small Au_n Clusters (n = 10-19) onto BaLa₄Ti₄O₁₅ Photocatalysts: Toward an Understanding of Size Effect of Cocatalyst on Water-Splitting Photocatalytic Activity. *Journal of Physical Chemistry C*, **2015**, 119, 11224-11232 3.8 68
- ¹²⁷ Understanding Ligand-Exchange Reactions on Thiolate-Protected Gold Clusters by Probing Isomer Distributions Using Reversed-Phase High-Performance Liquid Chromatography. *ACS Nano*, **2015**, 9, 9347-56 16.7 73
- ¹²⁶ Redox-Mediated Synthesis of a Fe₃O₄/MnO₂ Nanocomposite for Dye Adsorption and Pseudocapacitance. *Chemistry - an Asian Journal*, **2015**, 10, 1571-80 4.5 26
- ¹²⁵ A Gel-Based Approach To Design Hierarchical CuS Decorated Reduced Graphene Oxide Nanosheets for Enhanced Peroxidase-like Activity Leading to Colorimetric Detection of Dopamine. *Journal of Physical Chemistry C*, **2015**, 119, 23790-23800 3.8 103
- ¹²⁴ Controlled Synthesis. *Frontiers of Nanoscience*, **2015**, 39-71 0.7 1
- ¹²³ 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
- ¹²² Precursor salt assisted syntheses of high-index faceted concave hexagon and nanorod-like polyoxometalates. *Nanoscale*, **2015**, 7, 708-19 7.7 10
- ¹²¹ Effect of trimetallization in thiolate-protected Au_(24-n)Cu_(n)Pd clusters. *Nanoscale*, **2015**, 7, 10606-12 7.7 45
- ¹²⁰ Preformed ZnS nanoflower prompted evolution of CuS/ZnS p-n heterojunctions for exceptional visible-light driven photocatalytic activity. *New Journal of Chemistry*, **2015**, 39, 5628-5635 3.6 55
- ¹¹⁹ Biomolecule-mediated CdS-TiO₂-reduced graphene oxide ternary nanocomposites for efficient visible light-driven photocatalysis. *Dalton Transactions*, **2015**, 44, 193-201 4.3 46

118	Evolution of tubular copper sulfide nanostructures from copper(I) metal organic precursor: a superior platform for the removal of Hg(II) and Pb(II) ions. <i>RSC Advances</i> , 2015 , 5, 12446-12453	3.7	16
117	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, 1206-12	16.4	271
116	Precise Synthesis of High Active Catalytic Pt Nanoparticles. <i>Hosokawa Powder Technology Foundation ANNUAL REPORT</i> , 2015 , 23, 136-141	0	
115	A novel concept for the synthesis of multiply doped gold clusters [(M@Au(n)M(m))L(k)](q+). <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 4327-31	16.4	30
114	Hierarchical Au ₂ TeO ₃ nanocomposite from redox transformation reaction for surface enhanced Raman scattering and clock reaction. <i>CrystEngComm</i> , 2014 , 16, 883-893	3.3	57
113	A twisted bi-icosahedral Au(25) cluster enclosed by bulky arenethiolates. <i>Chemical Communications</i> , 2014 , 50, 839-41	5.8	40
112	Recent Progress in the Functionalization Methods of Thiolate-Protected Gold Clusters. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 4134-42	6.4	97
111	Advanced use of high-performance liquid chromatography for synthesis of controlled metal clusters. <i>Nanoscale</i> , 2014 , 6, 7889-96	7.7	36
110	Deposition of zinc oxide nanomaterial on different substrates for useful applications. <i>CrystEngComm</i> , 2014 , 16, 4322	3.3	9
109	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> , 2014 , 2, 18754-18760	13	29
108	Preferential Location of Coinage Metal Dopants (M = Ag or Cu) in [Au ₂₅ M _x (SC ₂ H ₄ Ph) ₁₈] ^{x-1} As Determined by Extended X-ray Absorption Fine Structure and Density Functional Theory Calculations. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 25284-25290	3.8	80
107	Decoration of Fe ₃ O ₄ Base Material with Pd Loaded CdS Nanoparticle for Superior Photocatalytic Efficiency. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 11485-11494	3.8	33
106	Account of nitroarene reduction with size- and facet-controlled CuO-MnO ₂ nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 9173-84	9.5	66
105	Au ₂₅ Clusters Containing Unoxidized Tellurolates in the Ligand Shell. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 2072-6	6.4	46
104	Toward the Creation of Functionalized Metal Nanoclusters and Highly Active Photocatalytic Materials Using Thiolate-Protected Magic Gold Clusters. <i>Bulletin of the Chemical Society of Japan</i> , 2014 , 87, 375-389	5.1	44
103	Ein neuartiges Konzept zur Synthese mehrfach dotierter Goldcluster [(M@Au(n)M(m))L(k)](q+). <i>Angewandte Chemie</i> , 2014 , 126, 4415-4419	3.6	3
102	Silver nanoparticle decorated reduced graphene oxide (rGO) nanosheet: a platform for SERS based low-level detection of uranyl ion. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 8724-32	9.5	222
101	Selenolate-Protected Au ₃₈ Nanoclusters: Isolation and Structural Characterization. <i>Journal of Physical Chemistry Letters</i> , 2013 , 4, 3181-3185	6.4	68

100	Green synthesis and reversible dispersion of a giant fluorescent cluster in solid and liquid phase. <i>Langmuir</i> , 2013 , 29, 10945-58	4	26
99	Formation of a [email-protected]12 Superatomic Core in Au ₂₄ Pd ₁ (SC ₁₂ H ₂₅) ₁₈ Probed by ¹⁹⁷ Au Mössbauer and Pd K-Edge EXAFS Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2013 , 4, 3579-3583	6.4	80
98	Crystal-Plane-Dependent Etching of Cuprous Oxide Nanoparticles of Varied Shapes and Their Application in Visible Light Photocatalysis. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 24640-24653	3.8	43
97	Ag ₄₄ (SeR) ₃₀ : A Hollow Cage Silver Cluster with Selenolate Protection. <i>Journal of Physical Chemistry Letters</i> , 2013 , 4, 3351-5	6.4	68
96	Toward the creation of stable, functionalized metal clusters. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 18736-51	3.6	88
95	Structural evolution of glutathionate-protected gold clusters studied by means of ¹⁹⁷ Au Mössbauer spectroscopy. <i>Hyperfine Interactions</i> , 2013 , 217, 91-98	0.8	6
94	Size and Structure Dependence of Electronic States in Thiolate-Protected Gold Nanoclusters of Au ₂₅ (SR) ₁₈ , Au ₃₈ (SR) ₂₄ , and Au ₁₄₄ (SR) ₆₀ . <i>Journal of Physical Chemistry C</i> , 2013 , 117, 3674-3679	3.8	50
93	Remarkable enhancement in ligand-exchange reactivity of thiolate-protected Au ₂₅ nanoclusters by single Pd atom doping. <i>Nanoscale</i> , 2013 , 5, 508-12	7.7	97
92	Synthesis of highly fluorescent silver clusters on gold(I) surface. <i>Langmuir</i> , 2013 , 29, 2033-43	4	51
91	Enhanced photocatalytic water splitting by BaLa ₄ Ti ₄ O ₁₅ loaded with ~1 nm gold nanoclusters using glutathione-protected Au ₂₅ clusters. <i>Nanoscale</i> , 2013 , 5, 7188-92	7.7	83
90	Synthesis of stable Cu(n)Au(25-n) nanoclusters (n = 1-9) using selenolate ligands. <i>Chemical Communications</i> , 2013 , 49, 5447-9	5.8	89
89	Separation of precise compositions of noble metal clusters protected with mixed ligands. <i>Journal of the American Chemical Society</i> , 2013 , 135, 4946-9	16.4	118
88	Cosensitization Properties of Glutathione-Protected Au ₂₅ Cluster on Ruthenium Dye-Sensitized TiO ₂ Photoelectrode. <i>International Journal of Photoenergy</i> , 2013 , 2013, 1-7	2.1	14
87	Study of the structure and electronic state of thiolate-protected gold clusters by means of ¹⁹⁷ Au Mössbauer spectroscopy 2013 , 563-567		
86	Precisely Controlled Metal Nanoclusters. <i>Springer Briefs in Molecular Science</i> , 2013 , 21-28	0.6	
85	Toward the Creation of Stable, Functionalized Nanomaterials. <i>Molecular Science</i> , 2013 , 7, A0062	0	1
84	Diiminic Schiff bases: an intriguing class of compounds for a copper-nanoparticle-induced fluorescence study. <i>Chemistry - A European Journal</i> , 2012 , 18, 15845-55	4.8	16
83	Palladium doping of magic gold cluster Au ₃₈ (SC ₂ H ₄ Ph) ₂₄ : formation of Pd ₂ Au ₃₆ (SC ₂ H ₄ Ph) ₂₄ with higher stability than Au ₃₈ (SC ₂ H ₄ Ph) ₂₄ . <i>Chemical Communications</i> , 2012 , 48, 660-2	5.8	159

82	Enhancement in Aerobic Alcohol Oxidation Catalysis of Au ₂₅ Clusters by Single Pd Atom Doping. <i>ACS Catalysis</i> , 2012 , 2, 1519-1523	13.1	312
81	Ligand-Induced Stability of Gold Nanoclusters: Thiolate versus Selenolate. <i>Journal of Physical Chemistry Letters</i> , 2012 , 3, 2649-52	6.4	132
80	Synthesis and the Origin of the Stability of Thiolate-Protected Au ₁₃₀ and Au ₁₈₇ Clusters. <i>Journal of Physical Chemistry Letters</i> , 2012 , 3, 1624-8	6.4	141
79	Effect of Copper Doping on Electronic Structure, Geometric Structure, and Stability of Thiolate-Protected Au ₂₅ Nanoclusters. <i>Journal of Physical Chemistry Letters</i> , 2012 , 3, 2209-14	6.4	189
78	A new binding motif of sterically demanding thiolates on a gold cluster. <i>Journal of the American Chemical Society</i> , 2012 , 134, 14295-7	16.4	105
77	A photoresponsive Au ₂₅ nanocluster protected by azobenzene derivative thiolates. <i>Nanoscale</i> , 2012 , 4, 4263-8	7.7	51
76	Study of the structure and electronic state of thiolate-protected gold clusters by means of ¹⁹⁷ Au Mössbauer spectroscopy. <i>Hyperfine Interactions</i> , 2012 , 207, 127-131	0.8	3
75	Synthesis, Stability, and Photoluminescence Properties of PdAu ₁₀ (PPh ₃) ₈ Cl ₂ Clusters. <i>Journal of Cluster Science</i> , 2012 , 23, 365-374	3	28
74	Structural evolution of glutathionate-protected gold clusters studied by means of ¹⁹⁷ Au Mössbauer spectroscopy 2012 , 91-98		
73	Redox-switchable superhydrophobic silver composite. <i>Langmuir</i> , 2011 , 27, 11629-35	4	16
72	¹⁹⁷ Au Mössbauer Spectroscopy of Au ₂₅ (SG) ₁₈ Revisited. <i>Chemistry Letters</i> , 2011 , 40, 1292-1293	1.7	9
71	Fabrication and Functionalization of CuO for Tuning Superhydrophobic Thin Film and Cotton Wool. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 20953-20963	3.8	52
70	Isolation and structural characterization of magic silver clusters protected by 4-(tert-butyl)benzyl mercaptan. <i>Chemical Communications</i> , 2011 , 47, 5693-5	5.8	57
69	Photoluminescence dynamics of organic molecule-passivated Si nanoclusters. <i>European Physical Journal D</i> , 2011 , 63, 289-292	1.3	6
68	Isolation and structural characterization of an octaneselenolate-protected Au ₂₅ cluster. <i>Langmuir</i> , 2011 , 27, 12289-92	4	76
67	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> , 2011 , 115, 1659-1673	3.8	112
66	Fluorescent Fe(II) metallo-supramolecular polymers: metal-ion-directed self-assembly of new bisterpyridines containing triethylene glycol chains. <i>Polymer Journal</i> , 2010 , 42, 336-341	2.7	26
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