

Lan-Sun Zheng

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Functionalization of Keggin Fe ₁₃ -Oxo Clusters. <i>Inorganic Chemistry</i> , 2023, 62, 1781-1785.	1.9	4
2	In Situ Capture of a Ternary Supramolecular Cluster in a 58-Nuclei Silver Supertetrahedron. <i>CCS Chemistry</i> , 2022, 4, 1788-1795.	4.6	26
3	Crystallographic Understanding of Photoelectric Properties for C60 Derivatives Applicable as Electron Transporting Materials in Perovskite Solar Cells. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 75-81.	1.3	8
4	Developing the Low-Temperature Oxidation Mechanism of Cyclopentane: An Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	4
5	Developing the Low-Temperature Oxidation Mechanism of Cyclopentane: An Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2022, 28, e202200256.	1.7	1
6	Hierarchical Assembly of Coordination Macromolecules with Atypical Geometries: Gd ₄₄ Co ₂₈ Crown and Gd ₉₅ Co ₆₀ Cage. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	25
7	Hierarchical Assembly of Coordination Macromolecules with Atypical Geometries: Gd ₄₄ Co ₂₈ Crown and Gd ₉₅ Co ₆₀ Cage. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	2
8	Asymmetric Cyanosilylation of Aldehydes by a Lewis Acid/Base Synergistic Catalyst of Chiral Metal Clusters. <i>Inorganic Chemistry</i> , 2022, 61, 4121-4129.	1.9	6
9	Single-Atom Molybdenum Engineered Platinum Nanocatalyst for Boosted Alkaline Hydrogen Oxidation. <i>Advanced Energy Materials</i> , 2022, 12, .	10.2	53
10	Solvent-Controlled Condensation of [Mo ₂ O ₅ (PTC4A) ₂] ⁶⁺ Metalloligand in Stepwise Assembly of Hexagonal and Rectangular Ag ₁₈ Nanoclusters. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	27
11	Counterintuitive Lanthanide Hydrolysis-Induced Assembly Mechanism. <i>Journal of the American Chemical Society</i> , 2022, 144, 5653-5660.	6.6	25
12	Stepwise Assembly of Ag ₄₂ Nanocalices Based on a Mo ^{VI} -Anchored Thiacalix[4]arene Metalloligand. <i>ACS Nano</i> , 2022, 16, 4500-4507.	7.3	32
13	Reversible dehydrogenation and rehydrogenation of cyclohexane and methylcyclohexane by single-site platinum catalyst. <i>Nature Communications</i> , 2022, 13, 1092.	5.8	41
14	Modification of Multi-Component Building Blocks for Assembling Giant Chiral Lanthanide-Titanium Molecular Rings. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202116296.	7.2	26
15	Ambient-pressure synthesis of ethylene glycol catalyzed by C ₆₀ -buffered Cu/SiO ₂ . <i>Science</i> , 2022, 376, 288-292.	6.0	88
16	Assembling lanthanide-transition metal clusters on TiO ₂ for photocatalytic nitrogen fixation. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2862-2868.	3.0	5
17	Synthesis and Fluorescent Properties of Multi-Functionalized C70 Derivatives of C70(OCH ₃) ₁₀ [C(COOEt) ₂] and C70(OCH ₃) ₁₀ [C(COOEt) ₂] ₂ . <i>Nanomaterials</i> , 2022, 12, 1426.	1.9	0
18	Magnetic 3d-4f Chiral Clusters Showing Multimetal Site Magneto-Chiral Dichroism. <i>Journal of the American Chemical Society</i> , 2022, 144, 8837-8847.	6.6	28

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19	Photoluminescence of Lanthanide–Titanium Oxo Clusters Eu_9Ti_2 and Tb_9Ti_2 Based on a β^2 -Diketone Ligand. <i>Inorganic Chemistry</i> , 2022, 61, 9849-9854.	1.9	15
20	Nitrogen-Embedded Quintuple [7]Helicene: A Helicene–Azacorannulene Hybrid with Strong Near-Infrared Fluorescence. <i>Journal of the American Chemical Society</i> , 2022, 144, 10736-10742.	6.6	26
21	Integration of bio-inspired lanthanide-transition metal cluster and P-doped carbon nitride for efficient photocatalytic overall water splitting. <i>National Science Review</i> , 2021, 8, nwa234.	4.6	18
22	Preparation of a Lanthanide–Titanium Oxo Cluster–Polymer Composite by Cu I –Catalyzed Click Chemistry. <i>Chemistry - A European Journal</i> , 2021, 27, 614-617.	1.7	2
23	Hyperstable Perovskite Solar Cells Without Ion Migration and Metal Diffusion Based on ZnS Segregated Cubic ZnTiO_3 Electron Transport Layers. <i>Solar Rrl</i> , 2021, 5, 2000654.	3.1	13
24	Cross-linkable fullerene interfacial contacts for enhancing humidity stability of inverted perovskite solar cells. <i>Rare Metals</i> , 2021, 40, 1691-1697.	3.6	8
25	A Giant $3d-4f$ Polyoxometalate Super–Tetrahedron with High Proton Conductivity. <i>Small Methods</i> , 2021, 5, e2000777.	4.6	52
26	A Gd-based borate–carbonate framework exhibiting a large magnetocaloric effect at a low magnetic field. <i>Dalton Transactions</i> , 2021, 50, 12831-12834.	1.6	5
27	The Synthesis of Conical Carbon. <i>Small Methods</i> , 2021, 5, 2001086.	4.6	2
28	A polar oxyhalogen-vanadate compound $(\text{C}_5\text{NH}_{13}\text{Cl})_2\text{VOCl}_4$ with optical and two-staged dielectric switch behavior. <i>Dalton Transactions</i> , 2021, 50, 9293-9297.	1.6	0
29	Magnetodielectric Response in a Layered Mixed-Valence Ferrimagnetic Molecular Compound. <i>Inorganic Chemistry</i> , 2021, 60, 3565-3571.	1.9	4
30	Atomically Precise Alkynyl- and Halide-Protected AuAg Nanoclusters $\text{Au}_78\text{Ag}_{66}(\text{C}_6\text{H}_5)_48\text{Cl}_8$ and $\text{Au}_{74}\text{Ag}_{60}(\text{C}_6\text{H}_5)_40\text{Br}_{12}$: The Ligation Effects of Halides. <i>Inorganic Chemistry</i> , 2021, 60, 3529-3533.	1.9	13
31	Size-Controlled Intermetallic PtZn Nanoparticles on N-Doped Carbon Support for Enhanced Electrocatalytic Oxygen Reduction. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 3821-3827.	3.2	17
32	Back Cover: The Synthesis of Conical Carbon (<i>Small Methods</i> 3/2021). <i>Small Methods</i> , 2021, 5, 2170011.	4.6	0
33	Isomer-Dependent Photovoltaic Properties of the $[6,6]$ -Phenyl– C_{61} (or) Tj ETQq1 1 0.784314 $\text{rg}_{3,1}$ /Overlock 10 Tf 50		
34	Role of the Auxiliary Ligand in the Spontaneous Resolution of Enantiomers in Three-Dimensional Coordination Polymers. <i>Inorganic Chemistry</i> , 2021, 60, 6981-6985.	1.9	6
35	Cocrystallization of Chiral $3d-4f$ Clusters $\{\text{Mn}_{10}\text{Ln}_6\}$ and $\{\text{Mn}_6\text{Ln}_2\}$. <i>Inorganic Chemistry</i> , 2021, 60, 5925-5930.	1.9	18
36	Doped Luminescent Lanthanide Coordination Polymers Exhibiting both White-Light Emission and Thermal Sensitivity. <i>Inorganic Chemistry</i> , 2021, 60, 6986-6990.	1.9	12

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37	Room-Temperature Magnetoelectric Coupling in Electronic Ferroelectric Film based on $[(\text{In-C}_{30}\text{H}_{70})\text{N}_4][\text{Fe}^{\text{III}}\text{Fe}^{\text{II}}(\text{dto})\text{C}_3]$ (dto = $\text{C}_2\text{O}_2\text{S}_2$). <i>Journal of the American Chemical Society</i> , 2021, 143, 5779-5785.	6.6	29
38	Inorganic-Organic Hybrid Molecular Materials: From Multiferroic to Magnetoelectric. <i>Advanced Materials</i> , 2021, 33, e2004542.	11.1	40
39	Sandwich-Type Uranyl Phosphate-Polyoxometalate Cluster Exhibiting Strong Luminescence. <i>Inorganic Chemistry</i> , 2021, 60, 6790-6795.	1.9	23
40	Enhanced proton conductivity of Mo154-based porous inorganic framework. <i>Science China Chemistry</i> , 2021, 64, 959-963.	4.2	15
41	Magnetocaloric Effect and Thermal Conductivity of a 3D Coordination Polymer of $[\text{Gd}(\text{HCOO})(\text{C}_2\text{O}_4)]_n$. <i>Inorganic Chemistry</i> , 2021, 60, 9259-9262.	1.9	14
42	A High-Symmetry Double-Shell $\text{Gd}_{30}\text{Co}_{12}$ Cluster Exhibiting a Large Magnetocaloric Effect. <i>Inorganic Chemistry</i> , 2021, 60, 10079-10083.	1.9	24
43	A lanthanide-titanium oxo cluster-polymer composite: From clusters to fluorescent ink. <i>Science China Materials</i> , 2021, 64, 2883-2888.	3.5	4
44	Enantioselective Recognition and Separation of <i>C</i> ₂ Symmetric Substances via Chiral Metal-Organic Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 37412-37421.	4.0	21
45	Anionic passivation layer-assisted trapping of an icosahedral Ag_{13} kernel in a truncated tetrahedral Ag_{89} nanocluster. <i>Science China Chemistry</i> , 2021, 64, 1482-1486.	4.2	23
46	Spontaneous resolution and absolute chiral induction of 3d-4f heterometal-organic frameworks from achiral precursors. <i>Science China Chemistry</i> , 2021, 64, 1698-1702.	4.2	3
47	Hydrolysis-Promoted Building Block Assembly: Structure Transformation from Y_{12} Wheel and Y_{34} Ship to Y_{60} Cage. <i>Inorganic Chemistry</i> , 2021, 60, 16922-16926.	1.9	7
48	Synthesis of Fullerenes from a Nonaromatic Chloroform through a Newly Developed Ultrahigh-Temperature Flash Vacuum Pyrolysis Apparatus. <i>Nanomaterials</i> , 2021, 11, 3033.	1.9	7
49	Janus Cluster: Asymmetric Coverage of a Ag_{43} Cluster on the Symmetric Preyssler P_5W_{30} Polyoxometalate. <i>Chemistry of Materials</i> , 2021, 33, 9708-9714.	3.2	32
50	Atomically Precise Lanthanide-Iron-Oxo Clusters Featuring the μ -Keggin Ion. <i>Chemistry - A European Journal</i> , 2020, 26, 1388-1395.	1.7	13
51	Room-Temperature Magnetoelectric Response in Molecular-Ionic Ferroelectric-Based Magnetoelectric Composites. <i>Physica Status Solidi - Rapid Research Letters</i> , 2020, 14, 1900644.	1.2	8
52	Magneto-optical Properties of Chiral $[\text{Co}_2\text{Ln}]$ Clusters. <i>Inorganic Chemistry</i> , 2020, 59, 193-197.	1.9	13
53	A novel 58-nuclei silver nanowheel encapsulating a subvalent Ag_{64+} kernel. <i>Science China Chemistry</i> , 2020, 63, 16-20.	4.2	27
54	Interface Engineering of Cubic Zinc Metatitanate as an Excellent Electron Transport Material for Stable Perovskite Solar Cells. <i>Solar Rrl</i> , 2020, 4, 1900533.	3.1	12

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55	Surface coordination layer passivates oxidation of copper. <i>Nature</i> , 2020, 586, 390-394.	13.7	154
56	Innentitelbild: A Sodalite-Type Silver Orthophosphate Cluster in a Globular Silver Nanocluster (<i>Angew. Chem.</i> 31/2020). <i>Angewandte Chemie</i> , 2020, 132, 12646-12646.	1.6	0
57	Biomimetic Metal-Organic Framework Composite-Mediated Cascade Catalysis for Synergistic Bacteria Killing. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 36996-37005.	4.0	78
58	Lanthanide-Titanium Oxo Clusters as the Luminescence Sensor for Nitrobenzene Detection. <i>Inorganic Chemistry</i> , 2020, 59, 12404-12409.	1.9	41
59	Aromaticity Criterion Is Not the Only Factor to Decide the Ring Stability of Boron Oxide Families: M_2O_2 Clusters (M = B, Al, Ga, and In). <i>Inorganic Chemistry</i> , 2020, 59, 16944-16951.	1.9	2
60	A Sodalite-Type Silver Orthophosphate Cluster in a Globular Silver Nanocluster. <i>Angewandte Chemie</i> , 2020, 132, 12759-12763.	1.6	16
61	The function of metal-organic frameworks in the application of MOF-based composites. <i>Nanoscale Advances</i> , 2020, 2, 2628-2647.	2.2	136
62	Double-Propeller-like Heterometallic $3d^4$ Clusters $Ln_{18}Co_7$. <i>Inorganic Chemistry</i> , 2020, 59, 7900-7904.	1.9	23
63	The Mechanism of the Magnetodielectric Response in a Molecule-Based Trinuclear Iron Cluster Material. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14409-14413.	7.2	21
64	Room-Temperature Magnetoelectric Response in Molecular-Ionic Ferroelectric-Based Magnetoelectric Composites. <i>Physica Status Solidi - Rapid Research Letters</i> , 2020, 14, 2070018.	1.2	0
65	<i>In situ</i> construction and post-electrolysis structural study of porous $Ni_2P@C$ nanosheet arrays for efficient water splitting. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 2960-2968.	3.0	14
66	Capturing Lacunary Iron-Oxo Keggin Clusters and Insight Into the Keggin-Fe ₁₃ Cluster Rotational Isomerization. <i>Chemistry - A European Journal</i> , 2020, 26, 11985-11988.	1.7	9
67	Nanosheet-assembled, hollowed-out hierarchical Fe_2O_3 microrods for high-performance gas sensing. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3754-3762.	5.2	43
68	A hierarchically assembled 88-nuclei silver-thiacalix[4]arene nanocluster. <i>Nature Communications</i> , 2020, 11, 308.	5.8	86
69	Trigonal bipyramidal $Co_{12}Dy_3$ cluster exhibiting single-molecule magnet behavior. <i>Dalton Transactions</i> , 2020, 49, 2421-2425.	1.6	14
70	Polar Molecule-Based Material with Optic-Electric Switching Constructed by Polar Anions. <i>Inorganic Chemistry</i> , 2020, 59, 5475-5482.	1.9	8
71	A Sodalite-Type Silver Orthophosphate Cluster in a Globular Silver Nanocluster. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12659-12663.	7.2	36
72	Hybrid Fullerene-Based Electron Transport Layers Improving the Thermal Stability of Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 20733-20740.	4.0	39

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73	N-doped carbon shell encapsulated PtZn intermetallic nanoparticles as highly efficient catalysts for fuel cells. <i>Nano Research</i> , 2019, 12, 2490-2497.	5.8	54
74	General One-step Synthesis of Symmetrical or Unsymmetrical 1,4-Di(organo)fullerenes from Organo(hydro)fullerenes through Direct Oxidative Arylation. <i>Journal of Organic Chemistry</i> , 2019, 84, 12259-12267.	1.7	3
75	Combinatorial Identification of Hydrides in a Ligated Ag ₄₀ Nanocluster with Noncompact Metal Core. <i>Journal of the American Chemical Society</i> , 2019, 141, 11905-11911.	6.6	72
76	The Effect on the Luminescent Properties in Lanthanide-Titanium OXO Clusters. <i>Inorganic Chemistry</i> , 2019, 58, 10078-10083.	1.9	28
77	Hexadecanuclear Mn ^{II} ₂ Mn ^{III} ₁₄ Molecular Torus Built from <i>in Situ</i> Tandem Ligand Transformations. <i>Inorganic Chemistry</i> , 2019, 58, 14331-14337.	1.9	14
78	Efficient Hydrogen Production from Methanol Using a Single-Site Pt ₁ /CeO ₂ Catalyst. <i>Journal of the American Chemical Society</i> , 2019, 141, 17995-17999.	6.6	114
79	Chalcogens-Induced Ag ₆ Z ₄ @Ag ₃₆ (Z = S or Se) Core-Shell Nanoclusters: Enlarged Tetrahedral Core and Homo-chiral Crystallization. <i>Journal of the American Chemical Society</i> , 2019, 141, 17884-17890.	6.6	76
80	One-step synthesis of thermally stable artificial multienzyme cascade system for efficient enzymatic electrochemical detection. <i>Nano Research</i> , 2019, 12, 3031-3036.	5.8	28
81	Ligand-Dependent Luminescence Properties of Lanthanide-Titanium Oxo Clusters. <i>Inorganic Chemistry</i> , 2019, 58, 15008-15012.	1.9	33
82	Facile and High-Efficient Synthesis of High-Performance Supercapacitor Electrode Materials Based on the Synergistic Intercalation and Oxidation of Layered Tungsten Disulfide. <i>Advanced Materials Interfaces</i> , 2019, 6, 1901122.	1.9	11
83	Rational synthesis of an atomically precise carboncone under mild conditions. <i>Science Advances</i> , 2019, 5, eaaw0982.	4.7	43
84	Room Temperature Lead-Free Multiaxial Inorganic-Organic Hybrid Ferroelectric. <i>Inorganic Chemistry</i> , 2019, 58, 13953-13959.	1.9	27
85	Photo-induced Au-Pd alloying at TiO ₂ {101} facets enables robust CO ₂ photocatalytic reduction into hydrocarbon fuels. <i>Journal of Materials Chemistry A</i> , 2019, 7, 1334-1340.	5.2	89
86	Flexible decapyrrylcorannulene hosts. <i>Nature Communications</i> , 2019, 10, 485.	5.8	52
87	High-Nuclearity Chiral 3d-4f Heterometallic Clusters Ln ₆ Cu ₂₄ and Ln ₆ Cu ₁₂ . <i>Inorganic Chemistry</i> , 2019, 58, 8494-8499.	1.9	20
88	Double Negatively Curved C ₇₀ Growth through a Heptagon-Involving Pathway. <i>Angewandte Chemie</i> , 2019, 131, 14233-14237.	1.6	3
89	Double Negatively Curved C ₇₀ Growth through a Heptagon-Involving Pathway. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14095-14099.	7.2	12
90	Efficient oxygen reduction on sandwich-like metal@N-C composites with ultrafine Fe nanoparticles embedded in N-doped carbon nanotubes grafted on graphene sheets. <i>Nanoscale</i> , 2019, 11, 12610-12618.	2.8	26

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91	A Record-Breaking Loading Capacity for Single-Molecule Magnet Mn ₁₂ Clusters Achieved in a Mesoporous Ln-MOF. ACS Applied Electronic Materials, 2019, 1, 804-809.	2.0	16
92	First Observation of Unusual Domino Effect and Triggering Mechanism of Sequential Single-Crystal-to-Single-Crystal Photochemical Reactions in a Metal-Organic Framework with Multiple Photoreactive Centers. Crystal Growth and Design, 2019, 19, 3113-3119.	1.4	6
93	An Unconventional Hydrofullerene C ₆₆ H ₄ with Symmetric Heptagons Retrieved in Low-Pressure Combustion. Journal of the American Chemical Society, 2019, 141, 6651-6657.	6.6	35
94	Improving the Photostability of Ultrasmall Au Clusters via a Combined Strategy of Surface Engineering and Interfacial Modification. Langmuir, 2019, 35, 5728-5736.	1.6	11
95	Excavated RhNi alloy nanobranches enable superior CO-tolerance and CO ₂ selectivity at low potentials toward ethanol electro-oxidation. Journal of Materials Chemistry A, 2019, 7, 26266-26271.	5.2	22
96	A breakthrough in the intrinsic multiferroic temperature region in Prussian blue analogues. RSC Advances, 2019, 9, 41832-41836.	1.7	4
97	Fractal Patterns in Nucleation and Growth of Icosahedral Core of [Au _n Ag _{44-n}](SC ₆ H ₃ F ₂) ₃₀ (n = 0-12) via <i>ab Initio</i> Synthesis: Continuously Tunable Composition Control. Inorganic Chemistry, 2019, 58, 259-264.	1.9	13
98	Coexistence of Magnetic-Optic-Electric Triple Switching and Thermal Energy Storage in a Multifunctional Plastic Crystal of Trimethylchloromethyl Ammonium Tetrachloroferrate(III). Inorganic Chemistry, 2019, 58, 655-662.	1.9	39
99	Ether-Soluble Cu ₅₃ Nanoclusters as an Effective Precursor of High-Quality CuI Films for Optoelectronic Applications. Angewandte Chemie - International Edition, 2019, 58, 835-839.	7.2	115
100	Ultrasmall Abundant Metal-Based Clusters as Oxygen-Evolving Catalysts. Journal of the American Chemical Society, 2019, 141, 232-239.	6.6	56
101	Dielectric Tunability, Expanding the Function of Metal-Organic Frameworks. Physica Status Solidi - Rapid Research Letters, 2018, 12, 1700425.	1.2	5
102	High-Nuclearity Lanthanide-Containing Clusters as Potential Molecular Magnetic Coolers. Accounts of Chemical Research, 2018, 51, 517-525.	7.6	222
103	Anisotropic Assembly of Ag ₅₂ and Ag ₇₆ Nanoclusters. Journal of the American Chemical Society, 2018, 140, 1600-1603.	6.6	169
104	Small size yet big action: a simple sulfate anion templated a discrete 78-nuclearity silver sulfur nanocluster with a multishell structure. Chemical Communications, 2018, 54, 2361-2364.	2.2	29
105	Ultrafine ZnO quantum dot-modified TiO ₂ composite photocatalysts: the role of the quantum size effect in heterojunction-enhanced photocatalytic hydrogen evolution. Catalysis Science and Technology, 2018, 8, 1296-1303.	2.1	55
106	Thiol-stabilized atomically precise, superatomic silver nanoparticles for catalysing cycloisomerization of alkynyl amines. National Science Review, 2018, 5, 694-702.	4.6	63
107	Four 3d-4f heterometallic Ln ₄₅ M ₇ clusters protected by mixed ligands. CrystEngComm, 2018, 20, 2120-2125.	1.3	21
108	Johnson Solids: Anion-Templated Silver Thiolate Clusters Capped by Sulfonate. Chemistry - A European Journal, 2018, 24, 1640-1650.	1.7	61

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109	Elimination of Fusion Self-Assembly of a Nanometer-Scale 72-Nucleus Silver Cluster Caging a Pair of [EuW ₁₀ O ₃₆] ⁹⁻ Polyoxometalates. <i>Chemistry - A European Journal</i> , 2018, 24, 1998-2003.	1.7	48
110	Solvent-dependent evolution of cyclic penta-twinned rhodium icosahedral nanocrystals and their enhanced catalytic properties. <i>Nano Research</i> , 2018, 11, 656-664.	5.8	19
111	Facile and environmentally friendly synthesis of six heterometallic dumbbell-shaped MII ₅ LnIII ₄ (M = Co, Tj) ETQq ₁ 1 0.784314 rgBT /O Transactions, 2018, 47, 16850-16854.	1.6	28
112	Integration of Lanthanide-Transition Metal Clusters onto CdS Surfaces for Photocatalytic Hydrogen Evolution. <i>Angewandte Chemie</i> , 2018, 130, 17038-17042.	1.6	7
113	Ether-Soluble Cu ₅₃ Nanoclusters as an Effective Precursor of High-Quality CuI Films for Optoelectronic Applications. <i>Angewandte Chemie</i> , 2018, 131, 845.	1.6	20
114	Rationally Armoring PtCu Alloy with Metal-Organic Frameworks as Highly Selective Nonenzyme Electrochemical Sensor. <i>Advanced Materials Interfaces</i> , 2018, 5, 1801168.	1.9	19
115	A hexadecanuclear silver alkynyl cluster based NbO framework with triple emissions from the visible to near-infrared II region. <i>Chemical Communications</i> , 2018, 54, 11905-11908.	2.2	35
116	Deciphering synergetic core-shell transformation from [Mo ₆ O ₂₂ @Ag ₄₄] to [Mo ₈ O ₂₈ @Ag ₅₀]. <i>Nature Communications</i> , 2018, 9, 4407.	5.8	113
117	Integration of Lanthanide-Transition Metal Clusters onto CdS Surfaces for Photocatalytic Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16796-16800.	7.2	109
118	Construction of Magnetoelectric Composites with a Large Room-Temperature Magnetoelectric Response through Molecular-Ionic Ferroelectrics. <i>Advanced Materials</i> , 2018, 30, e1803716.	11.1	44
119	Surface Engineering Protocol To Obtain an Atomically Dispersed Pt/CeO ₂ Catalyst with High Activity and Stability for CO Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 14054-14062.	3.2	102
120	Trapping an octahedral Ag ₆ kernel in a seven-fold symmetric Ag ₅₆ nanowheel. <i>Nature Communications</i> , 2018, 9, 2094.	5.8	129
121	Assembly of a Wheel-Like Eu ₂₄ Ti ₈ Cluster under the Guidance of High-Resolution Electrospray Ionization Mass Spectrometry. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10976-10979.	7.2	85
122	Assembly of a Wheel-Like Eu ₂₄ Ti ₈ Cluster under the Guidance of High-Resolution Electrospray Ionization Mass Spectrometry. <i>Angewandte Chemie</i> , 2018, 130, 11142-11145.	1.6	12
123	A Large Titanium Oxo Cluster Featuring a Well-Defined Structural Unit of Rutile. <i>Crystal Growth and Design</i> , 2018, 18, 4864-4868.	1.4	30
124	Real-space imaging with pattern recognition of a ligand-protected Ag ₃₇₄ nanocluster at sub-molecular resolution. <i>Nature Communications</i> , 2018, 9, 2948.	5.8	26
125	Three Silver Nests Capped by Thiolate/Phenylphosphonate. <i>Chemistry - A European Journal</i> , 2018, 24, 15096-15103.	1.7	17
126	Co-crystallization of atomically precise metal nanoparticles driven by magic atomic and electronic shells. <i>Nature Communications</i> , 2018, 9, 3357.	5.8	95

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127	Photo-generated dinuclear {Eu(II)} ₂ active sites for selective CO ₂ reduction in a photosensitizing metal-organic framework. <i>Nature Communications</i> , 2018, 9, 3353.	5.8	195
128	Synthesis of Highly Active Sub-10-Nanometer Pt@Rh Core-Shell Nanocatalyst via a Photochemical Route: Porous Titania Nanoplates as a Superior Photoactive Support. <i>Small</i> , 2017, 13, 1603879.	5.2	40
129	Anion-Templated Nanosized Silver Alkynyl Clusters: Cluster Engineering and Solution Behavior. <i>Chemistry - A European Journal</i> , 2017, 23, 3432-3437.	1.7	36
130	Heterometallic Lanthanide-Titanium Oxo Clusters: A New Family of Water Oxidation Catalysts. <i>Inorganic Chemistry</i> , 2017, 56, 1057-1060.	1.9	72
131	Anion-templated nanosized silver clusters protected by mixed thiolate and diphosphine. <i>Nanoscale</i> , 2017, 9, 3601-3608.	2.8	71
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