

# Zhi Wang

## List of Publications by Year in descending order

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191  
papers

5,886  
citations

61984

43  
h-index

106344

65  
g-index

200  
all docs

200  
docs citations

200  
times ranked

4678  
citing authors

#	ARTICLE	IF	CITATIONS
1	A superior fluorescent sensor for Al <sup>3+</sup> and UO <sub>2</sub> <sup>2+</sup> based on a Co( <i>scp</i> ) metal-organic framework with exposed pyrimidyl Lewis base sites. <i>Journal of Materials Chemistry A</i> , 2017, 5, 13079-13085.	10.3	287
2	Assembly of silver Trigons into a buckyball-like Ag <sub>180</sub> nanocage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12132-12137.	7.1	177
3	Anisotropic Assembly of Ag <sub>52</sub> and Ag <sub>76</sub> Nanoclusters. <i>Journal of the American Chemical Society</i> , 2018, 140, 1600-1603.	13.7	169
4	Metal-Organic Gels from Silver Nanoclusters with Aggregation-Induced Emission and Fluorescence-Phosphorescence Switching. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9922-9927.	13.8	138
5	Trapping an octahedral Ag <sub>6</sub> kernel in a seven-fold symmetric Ag <sub>56</sub> nanowheel. <i>Nature Communications</i> , 2018, 9, 2094.	12.8	129
6	Different Silver Nanoparticles in One Crystal: Ag <sub>210</sub> ( <i>scp</i> )PrPhS <sub>71</sub> (Ph <sub>3</sub> P) <sub>5</sub> Cl and Ag <sub>211</sub> ( <i>scp</i> )PrPhS <sub>71</sub> (Ph <sub>3</sub> P) <sub>6</sub> Cl. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 195-199.	13.8	118
7	Deciphering synergetic core-shell transformation from [Mo <sub>6</sub> O <sub>22</sub> @Ag <sub>44</sub> ] to [Mo <sub>8</sub> O <sub>28</sub> @Ag <sub>50</sub> ]. <i>Nature Communications</i> , 2018, 9, 4407.	12.8	113
8	Beyond Clusters: Supramolecular Networks Self-Assembled from Nanosized Silver Clusters and Inorganic Anions. <i>Chemistry - A European Journal</i> , 2016, 22, 6830-6836.	3.3	110
9	Semitransparent organic solar cells exhibiting 13.02% efficiency and 20.2% average visible transmittance. <i>Journal of Materials Chemistry A</i> , 2021, 9, 6797-6804.	10.3	106
10	Polymorphism in Atomically Precise Cu <sub>23</sub> Nanocluster Incorporating Tetrahedral [Cu <sub>4</sub> ] <sup>0</sup> Kernel. <i>Journal of the American Chemical Society</i> , 2020, 142, 5834-5841.	13.7	103
11	pH-Responsive Nanovesicles with Enhanced Emission Co-Assembled by Ag(I) Nanoclusters and Polyethyleneimine as a Superior Sensor for Al <sup>3+</sup> . <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 3955-3963.	8.0	94
12	Semitransparent polymer solar cells with 9.06% efficiency and 27.1% average visible transmittance obtained by employing a smart strategy. <i>Journal of Materials Chemistry A</i> , 2019, 7, 7025-7032.	10.3	94
13	Amino acids-incorporated nanoflowers with an intrinsic peroxidase-like activity. <i>Scientific Reports</i> , 2016, 6, 22412.	3.3	93
14	Controllable all-fiber generation/conversion of circularly polarized orbital angular momentum beams using long period fiber gratings. <i>Nanophotonics</i> , 2018, 7, 287-293.	6.0	87
15	A hierarchically assembled 88-nuclei silver-thiacalix[4]arene nanocluster. <i>Nature Communications</i> , 2020, 11, 308.	12.8	86
16	Chalcogens-Induced Ag <sub>6</sub> Z <sub>4</sub> @Ag <sub>36</sub> (Z = S or Se) Core-Shell Nanoclusters: Enlarged Tetrahedral Core and Homochiral Crystallization. <i>Journal of the American Chemical Society</i> , 2019, 141, 17884-17890.	13.7	76
17	Gold-doped silver nanocluster [Au <sub>3</sub> Ag <sub>38</sub> (SCH <sub>2</sub> Ph) <sub>24</sub> X <sub>5</sub> ] <sup>2+</sup> (X) Tj#17Qq1 1 0784314	11.7	74
18	Anion-templated nanosized silver clusters protected by mixed thiolate and diphosphine. <i>Nanoscale</i> , 2017, 9, 3601-3608.	5.6	71

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19	Both hydrolytic and transesterification activities of <i>Penicillium expansum</i> lipase are significantly enhanced in ionic liquid [BMIm][PF6]. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010, 63, 23-30.	1.8	66
20	A rationally-designed synergetic polypyrrole/graphene bilayer actuator. <i>Journal of Materials Chemistry</i> , 2012, 22, 4015.	6.7	66
21	Microporous Cd(II) metal-organic framework as fluorescent sensor for nitroaromatic explosives at the sub-ppm level. <i>Journal of Molecular Structure</i> , 2016, 1107, 1-6.	3.6	66
22	Microwave-assisted fatty acid methyl ester production from soybean oil by Novozym 435. <i>Green Chemistry</i> , 2010, 12, 844.	9.0	64
23	Carboxylic acid stimulated silver shell isomerism in a triple core-shell Ag <sub>84</sub> nanocluster. <i>Chemical Science</i> , 2019, 10, 4862-4867.	7.4	63
24	Johnson Solids: Anion-Templated Silver Thiolate Clusters Capped by Sulfonate. <i>Chemistry - A European Journal</i> , 2018, 24, 1640-1650.	3.3	61
25	A Water-Stable Cl@Ag <sub>14</sub> Cluster Based Metal-Organic Open Framework for Dichromate Trapping and Bacterial Inhibition. <i>Inorganic Chemistry</i> , 2017, 56, 11891-11899.	4.0	60
26	Unusual fcc-structured Ag <sub>10</sub> kernels trapped in Ag <sub>70</sub> nanoclusters. <i>Chemical Science</i> , 2019, 10, 564-568.	7.4	60
27	A Keplerian Ag <sub>90</sub> nest of Platonic and Archimedean polyhedra in different symmetry groups. <i>Nature Communications</i> , 2020, 11, 3316.	12.8	60
28	Core Modulation of 70-Atom Nuclei Core-Shell Silver Nanoclusters. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6276-6279.	13.8	59
29	Over 15.7% Efficiency of Ternary Organic Solar Cells by Employing Two Compatible Acceptors with Similar LUMO Levels. <i>Small</i> , 2020, 16, e2000441.	10.0	59
30	Terahertz imaging with sub-wavelength resolution by femtosecond laser filament in air. <i>Scientific Reports</i> , 2014, 4, 3880.	3.3	58
31	Impacts of daily intakes on the isomeric profiles of perfluoroalkyl substances (PFASs) in human serum. <i>Environment International</i> , 2016, 89-90, 62-70.	10.0	57
32	Revealing the chirality origin and homochirality crystallization of Ag <sub>14</sub> nanocluster at the molecular level. <i>Nature Communications</i> , 2021, 12, 4966.	12.8	57
33	Robust Cluster Building Unit: Icosanuclear Heteropolyoxocopperate Templated by Carbonate. <i>Chemistry - A European Journal</i> , 2015, 21, 18847-18854.	3.3	56
34	Self-assembly of water-soluble silver nanoclusters: superstructure formation and morphological evolution. <i>Nanoscale</i> , 2017, 9, 19191-19200.	5.6	56
35	Recent Progress in Inorganic Anions Templated Silver Nanoclusters: Synthesis, Structures and Properties. <i>Chemical Record</i> , 2020, 20, 389-402.	5.8	54
36	Self-Assembly-Driven Aggregation-Induced Emission of Silver Nanoclusters for Light Conversion and Temperature Sensing. <i>ACS Applied Nano Materials</i> , 2020, 3, 2038-2046.	5.0	54

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37	A Pyridazine-Bridged Sandwiched Cluster Incorporating Planar Hexanuclear Cobalt Ring and Bivacant Phosphotungstate. <i>Inorganic Chemistry</i> , 2016, 55, 9006-9011.	4.0	52
38	pH-guided self-assembly of silver nanoclusters with aggregation-induced emission for rewritable fluorescent platform and white light emitting diode application. <i>Journal of Colloid and Interface Science</i> , 2020, 567, 235-242.	9.4	52
39	A 34 <sup>+</sup> Electron Superatom Ag <sub>78</sub> Cluster with Regioselective Ternary Ligands Shells and Its 2D Rhombic Superlattice Assembly. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4231-4237.	13.8	50
40	A green and one-pot synthesis of benzo[ <i>g</i> ]chromene derivatives through a multi-component reaction catalyzed by lipase. <i>RSC Advances</i> , 2015, 5, 5213-5216.	3.6	49
41	A giant 90-nucleus silver cluster templated by hetero-anions. <i>Chemical Communications</i> , 2018, 54, 4461-4464.	4.1	49
42	Elimination-Fusion Self-Assembly of a Nanometer-Scale 72-Nucleus Silver Cluster Caging a Pair of [EuW <sub>10</sub> O <sub>36</sub> ] <sup>9-</sup> Polyoxometalates. <i>Chemistry - A European Journal</i> , 2018, 24, 1998-2003.	3.3	48
43	Immobilization of <i>Lactobacillus rhamnosus</i> in mesoporous silica-based material: An efficiency continuous cell-recycle fermentation system for lactic acid production. <i>Journal of Bioscience and Bioengineering</i> , 2016, 121, 645-651.	2.2	46
44	Supramolecular Chirality from Hierarchical Self-Assembly of Atomically Precise Silver Nanoclusters Induced by Secondary Metal Coordination. <i>ACS Nano</i> , 2021, 15, 15910-15919.	14.6	42
45	Microwave-assisted resolution of ( <i>R,S</i> )-2-octanol by enzymatic transesterification. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2007, 48, 51-57.	1.8	41
46	Rational design of a rapid fluorescent approach for detection of inorganic fluoride in MeCN-H <sub>2</sub> O: a new fluorescence switch based on <i>N</i> -aryl-1,8-naphthalimide. <i>New Journal of Chemistry</i> , 2014, 38, 884-888.	2.8	41
47	Immobilization of <i>Pseudomonas fluorescens</i> Lipase onto Magnetic Nanoparticles for Resolution of 2-Octanol. <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 697-707.	2.9	39
48	Enzyme catalytic promiscuity: lipase catalyzed synthesis of substituted 2H-chromenes by a three-component reaction. <i>RSC Advances</i> , 2014, 4, 25633.	3.6	38
49	New protective ligands for atomically precise silver nanoclusters. <i>Dalton Transactions</i> , 2020, 49, 5406-5415.	3.3	38
50	Anion-Templated Nanosized Silver Alkynyl Clusters: Cluster Engineering and Solution Behavior. <i>Chemistry - A European Journal</i> , 2017, 23, 3432-3437.	3.3	36
51	An Octanuclear Cobalt Cluster Protected by Macrocyclic Ligand: In Situ Ligand-Transformation-Assisted Assembly and Single-Molecule Magnet Behavior. <i>Inorganic Chemistry</i> , 2020, 59, 5683-5693.	4.0	36
52	A Sodalite-Type Silver Orthophosphate Cluster in a Globular Silver Nanocluster. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12659-12663.	13.8	36
53	Resolution of 2-octanol by SBA-15 immobilized <i>Pseudomonas sp.</i> lipase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2007, 48, 64-69.	1.8	35
54	Near-Infrared Emitters: Stepwise Assembly of Two Heteropolynuclear Clusters with Tunable Ag <sup>I</sup> :Zn <sup>II</sup> Ratio. <i>Inorganic Chemistry</i> , 2016, 55, 4757-4763.	4.0	35

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55	A Dual-Protein Cascade Reaction for the Regioselective Synthesis of Quinoxalines. <i>Organic Letters</i> , 2020, 22, 3900-3904.	4.6	35
56	Preparation of a Flower-Like Immobilized D-Psicose 3-Epimerase with Enhanced Catalytic Performance. <i>Catalysts</i> , 2018, 8, 468.	3.5	34
57	Different Silver Nanoparticles in One Crystal: Ag <sub>210</sub> ( <sup>i</sup> PrPhS) <sub>71</sub> (Ph <sub>3</sub> P) <sub>5</sub> Cl and Ag <sub>211</sub> ( <sup>i</sup> PrPhS) <sub>71</sub> (Ph <sub>3</sub> P) <sub>6</sub> Cl. <i>Angewandte Chemie</i> , 2019, 131, 201-205.	2.0	34
58	Benzoate-Induced High-Nuclearity Silver Thiolate Clusters. <i>Chemistry - A European Journal</i> , 2018, 24, 4967-4972.	3.3	33
59	Precise Implantation of an Archimedean Ag@Cu <sub>12</sub> Cuboctahedron into a Platonic Cu <sub>4</sub> Bis(diphenylphosphino)hexane <sub>6</sub> Tetrahedron. <i>ACS Nano</i> , 2021, 15, 8733-8741.	14.6	33
60	Immobilization of Laccase for Oxidative Coupling of Trans-Resveratrol and Its Derivatives. <i>International Journal of Molecular Sciences</i> , 2012, 13, 5998-6008.	4.1	32
61	Hierarchical Nanostructures Self-Assembled by Polyoxometalate and Alkylamine for Photocatalytic Degradation of Dye. <i>Langmuir</i> , 2017, 33, 13242-13251.	3.5	32
62	Stepwise Assembly of Ag <sub>42</sub> Nanocalices Based on a Mo <sup>VI</sup> -Anchored Thiocalix[4]arene Metalloligand. <i>ACS Nano</i> , 2022, 16, 4500-4507.	14.6	32
63	Janus Cluster: Asymmetric Coverage of a Ag <sub>43</sub> Cluster on the Symmetric Preyssler P <sub>5</sub> W <sub>30</sub> Polyoxometalate. <i>Chemistry of Materials</i> , 2021, 33, 9708-9714.	6.7	32
64	Strong Spatial Confinement of Terahertz Wave inside Femtosecond Laser Filament. <i>ACS Photonics</i> , 2016, 3, 2338-2343.	6.6	31
65	Enantioselective transesterification of (R,S)-2-pentanol catalyzed by a new flower-like nanobioreactor. <i>RSC Advances</i> , 2014, 4, 33998-34002.	3.6	30
66	Enclosing classical polyoxometallates in silver nanoclusters. <i>Nanoscale</i> , 2019, 11, 10927-10931.	5.6	30
67	Enantioselective esterification of ibuprofen by a novel thermophilic Biocatalyst: APE1547. <i>Biotechnology and Bioprocess Engineering</i> , 2011, 16, 638-644.	2.6	29
68	A Green Chemoenzymatic Process for the Synthesis of Azoxybenzenes. <i>ChemCatChem</i> , 2015, 7, 3450-3453.	3.7	29
69	Small size yet big action: a simple sulfate anion templated a discrete 78-nuclearity silver sulfur nanocluster with a multishell structure. <i>Chemical Communications</i> , 2018, 54, 2361-2364.	4.1	29
70	An Ultrastable 155-Nuclei Silver Nanocluster Protected by Thiocalix[4]arene and Cyclohexanethiol for Photothermal Conversion. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	29
71	Solvent-Induced Isomeric Cu <sub>13</sub> Nanoclusters: Chlorine to Copper Charge Transfer Boosting Molecular Oxygen Activation in Sulfide Selective Oxidation. <i>ACS Nano</i> , 2022, 16, 9598-9607.	14.6	28
72	Thermo-Economic Performance Analysis of a Regenerative Superheating Organic Rankine Cycle for Waste Heat Recovery. <i>Energies</i> , 2017, 10, 1593.	3.1	27

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73	A novel 58-nuclei silver nanowheel encapsulating a subvalent Ag <sub>64+</sub> kernel. <i>Science China Chemistry</i> , 2020, 63, 16-20.	8.2	27
74	Keplerate Ag <sub>192</sub> Cluster with 6 Silver and 14 Chalcogenide Octahedral and Tetrahedral Shells. <i>Journal of the American Chemical Society</i> , 2021, 143, 13235-13244.	13.7	27
75	Solvent-controlled Condensation of [Mo <sub>2</sub> O <sub>5</sub> (PTC4A) <sub>2</sub> ] <sup>6+</sup> Metalloligand in Stepwise Assembly of Hexagonal and Rectangular Ag <sub>18</sub> Nanoclusters. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	27
76	Self-Assembly of Peptide-Polyoxometalate Hybrid Sub-Micrometer Spheres for Photocatalytic Degradation of Methylene Blue. <i>Journal of Physical Chemistry B</i> , 2017, 121, 10566-10573.	2.6	26
77	Hierarchical multi-shell 66-nuclei silver nanoclusters trapping subvalent Ag <sub>6</sub> kernels. <i>Chemical Communications</i> , 2019, 55, 10296-10299.	4.1	26
78	In Situ Capture of a Ternary Supramolecular Cluster in a 58-Nuclei Silver Supertetrahedron. <i>CCS Chemistry</i> , 2022, 4, 1788-1795.	7.8	26
79	Using Laccases in the Nanoflower to Synthesize Viniferin. <i>Catalysts</i> , 2017, 7, 188.	3.5	25
80	Investigation of the pro-apoptotic effects of arbutin and its acetylated derivative on murine melanoma cells. <i>International Journal of Molecular Medicine</i> , 2018, 41, 1048-1054.	4.0	25
81	Application of dual-enzyme nanoflower in the epoxidation of alkenes. <i>Process Biochemistry</i> , 2018, 74, 103-107.	3.7	25
82	A chemo-enzymatic process for sequential kinetic resolution of (R,S)-2-octanol under microwave irradiation. <i>Process Biochemistry</i> , 2007, 42, 1312-1318.	3.7	24
83	A lipase-glucose oxidase system for the efficient oxidation of N-heteroaromatic compounds and tertiary amines. <i>Green Chemistry</i> , 2016, 18, 3518-3521.	9.0	24
84	Lipase-Catalyzed Synthesis of Indolyl 4H-Chromenes via a Multicomponent Reaction in Ionic Liquid. <i>Catalysts</i> , 2017, 7, 185.	3.5	24
85	Amphiphilicity Regulation of Ag <sub>1</sub> Nanoclusters: Self-Assembly and Its Application as a Luminescent Probe. <i>Chemistry - A European Journal</i> , 2019, 25, 4713-4721.	3.3	24
86	Lipase catalyzed synthesis of 3,3'-bis(arylmethylene)bis(2-hydroxynaphthalene-1,4-dione). <i>RSC Advances</i> , 2014, 4, 35686-35689.	3.6	23
87	pH-Controlled assembly of two novel Dawson-sandwiched clusters involving the in situ reorganization of trivacant [P <sub>2</sub> W <sub>15</sub> O <sub>56</sub> ] <sup>12+</sup> into divacant [P <sub>2</sub> W <sub>16</sub> O <sub>57</sub> ] <sup>8+</sup> . <i>Dalton Transactions</i> , 2016, 45, 8404-8411.	3.3	23
88	Anionic passivation layer-assisted trapping of an icosahedral Ag <sub>13</sub> kernel in a truncated tetrahedral Ag <sub>89</sub> nanocluster. <i>Science China Chemistry</i> , 2021, 64, 1482-1486.	8.2	23
89	Cloning, Expression and Characterization of a Novel Thermophilic Polygalacturonase from <i>Caldicellulosiruptor bescii</i> DSM 6725. <i>International Journal of Molecular Sciences</i> , 2014, 15, 5717-5729.	4.1	22
90	Lipase-catalyzed Knoevenagel condensation between $\alpha,\beta$ -unsaturated aldehydes and active methylene compounds. <i>Chinese Chemical Letters</i> , 2014, 25, 802-804.	9.0	22

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91	Octanuclear Ni( $\text{Ni}_{10}$ ) cubes based on halogen-substituted pyrazolates: synthesis, structure, electrochemistry and magnetism. <i>CrystEngComm</i> , 2016, 18, 3462-3471.	2.6	22
92	Structure advantage and peroxidase activity enhancement of deuterohemin-peptide inorganic hybrid flowers. <i>RSC Advances</i> , 2016, 6, 104265-104272.	3.6	22
93	Silver clusters templated by homo- and hetero-anions. <i>CrystEngComm</i> , 2020, 22, 3736-3748.	2.6	22
94	Supramolecular Self-Assembly of Atomically Precise Silver Nanoclusters with Chiral Peptide for Temperature Sensing and Detection of Arginine. <i>Nanomaterials</i> , 2022, 12, 424.	4.1	21
95	The effect of ultrasound on lipase-catalyzed regioselective acylation of mangiferin in non-aqueous solvents. <i>Journal of Asian Natural Products Research</i> , 2010, 12, 56-63.	1.4	20
96	Microwave-assisted enzymatic resolution of (R,S)-2-octanol in ionic liquid. <i>Process Biochemistry</i> , 2012, 47, 479-484.	3.7	19
97	Silver-Sulfur Hybrid Supertetrahedral Clusters: The Hitherto Missing Members in the Metal-Chalcogenide Tetrahedral Clusters. <i>Chemistry - A European Journal</i> , 2017, 23, 14420-14424.	3.3	19
98	An Improved Method to Encapsulate Laccase from <i>Trametes versicolor</i> with Enhanced Stability and Catalytic Activity. <i>Catalysts</i> , 2018, 8, 286.	3.5	19
99	Core Modulation of $70\text{Ag}$ Nuclei Core-Shell Silver Nanoclusters. <i>Angewandte Chemie</i> , 2019, 131, 6342-6345.	2.0	19
100	Nuclearity enlargement from $[\text{PW}_9\text{O}_{34}@\text{Ag}_{51}]$ to $[(\text{PW}_9\text{O}_{34})_2@\text{Ag}_{72}]$ and 2D and 3D network formation driven by bipyridines. <i>Nature Communications</i> , 2022, 13, 1802.	12.8	19
101	Regioselective acylation of resveratrol catalyzed by lipase under microwave. <i>Green Chemistry Letters and Reviews</i> , 2018, 11, 312-317.	4.7	18
102	Optimization of APE1547-catalyzed enantioselective transesterification of (R/S)-2-methyl-1-butanol in an ionic liquid. <i>Biotechnology and Bioprocess Engineering</i> , 2011, 16, 337-342.	2.6	17
103	Three Silver Nests Capped by Thiolate/Phenylphosphonate. <i>Chemistry - A European Journal</i> , 2018, 24, 15096-15103.	3.3	17
104	Facile Fabrication of a Novel Copper Nanozyme for Efficient Dye Degradation. <i>ACS Omega</i> , 2021, 6, 6284-6291.	3.5	17
105	Circularly Polarized Phosphorescence from Cocrystallization of Atomic Precise Silver Nanoclusters with Tartaric Acid. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	17
106	Synthesis of 2-Ethylhexyl Palmitate Catalyzed by Enzyme Under Microwave. <i>Applied Biochemistry and Biotechnology</i> , 2018, 185, 347-356.	2.9	16
107	Realizing enhanced luminescence of silver nanocluster-peptide soft hydrogels by PEI reinforcement. <i>Soft Matter</i> , 2018, 14, 8352-8360.	2.7	16
108	A Sodalite-Type Silver Orthophosphate Cluster in a Globular Silver Nanocluster. <i>Angewandte Chemie</i> , 2020, 132, 12759-12763.	2.0	16



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109	Magnetocaloric effect in multiferroic Y-type hexaferrite Ba <sub>0.5</sub> Sr <sub>1.5</sub> Zn <sub>2</sub> (Fe <sub>0.92</sub> Al <sub>0.08</sub> ) <sub>12</sub> O <sub>22</sub> . <i>AIP Advances</i> , 2014, 4, .	1.3	15
110	An efficient condensation of substituted salicylaldehyde and malononitrile catalyzed by lipase under microwave irradiation. <i>RSC Advances</i> , 2015, 5, 57122-57126.	3.6	15
111	Kag <sup>3</sup> me Cobalt(II) Organic Layers as Robust Scaffolds for Highly Efficient Photocatalytic Oxygen Evolution. <i>ChemSusChem</i> , 2016, 9, 1146-1152.	6.8	15
112	Synthesis of dihydropyrano[4,3- <i>b</i> ]pyranes via a multi-component reaction catalyzed by lipase. <i>Green Chemistry Letters and Reviews</i> , 2017, 10, 54-58.	4.7	15
113	A Polyoxochromate Templated 56-Nuclei Silver Nanocluster. <i>Inorganic Chemistry</i> , 2020, 59, 3004-3011.	4.0	15
114	Improvement of the enantioselectivity and activity of lipase from <i>Pseudomonas</i> sp. via adsorption on a hydrophobic support: kinetic resolution of 2-octanol. <i>Biocatalysis and Biotransformation</i> , 2009, 27, 340-347.	2.0	14
115	Construction of hydroxypropyl-β-cyclodextrin copolymer nanoparticles and targeting delivery of paclitaxel. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	14
116	Improving the properties of β-galactosidase from <i>Aspergillus oryzae</i> via encapsulation in aggregated silica nanoparticles. <i>New Journal of Chemistry</i> , 2013, 37, 3793.	2.8	14
117	Multifaceted Bicubane Co <sub>4</sub> Clusters: Magnetism, Photocatalytic Oxygen Evolution, and Electrical Conductivity. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3253-3261.	2.0	14
118	Double telecom band thermo-optic switch based on dual-line filled photonic liquid crystal fibres. <i>Liquid Crystals</i> , 2017, 44, 479-483.	2.2	14
119	A mild and efficient Dakin reaction mediated by lipase. <i>Green Chemistry Letters and Reviews</i> , 2017, 10, 269-273.	4.7	14
120	Tatarinan N inhibits osteoclast differentiation through attenuating NF-κB, MAPKs and Ca <sup>2+</sup> -dependent signaling. <i>International Immunopharmacology</i> , 2018, 65, 199-211.	3.8	14
121	Metal-Organic Gels from Silver Nanoclusters with Aggregation-Induced Emission and Fluorescence-to-Phosphorescence Switching. <i>Angewandte Chemie</i> , 2020, 132, 10008-10013.	2.0	14
122	Observation of a bcc-like framework in polyhydrido copper nanoclusters. <i>Nanoscale</i> , 2021, 13, 19642-19649.	5.6	14
123	Enantioselective transesterification of glycidol catalysed by a novel lipase expressed from <i>Bacillus subtilis</i> . <i>Biotechnology and Applied Biochemistry</i> , 2010, 56, 1-6.	3.1	13
124	Resolution of <i>N</i> -hydroxymethyl vince lactam catalyzed by lipase in organic solvent. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 904-909.	3.2	13
125	Coupled Model of Heat and Mass Balance for Droplet Growth in Wet Steam Non-Equilibrium Homogeneous Condensation Flow. <i>Energies</i> , 2017, 10, 2033.	3.1	13
126	Enantioselective enzymatic hydrolysis of racemic glycidyl butyrate by lipase from <i>Bacillus subtilis</i> with improved catalytic properties. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2008, 55, 152-156.	1.8	12



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127	Chemoenzymatic Synthesis of $\alpha$ -Cyano Epoxides by a Tandem Koenenagel Epoxidation Reaction. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 1251-1254.	2.4	12
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130	Fabrication of a novel nano-biosensor for efficient colorimetric determination of uric acid. <i>Applied Nanoscience (Switzerland)</i> , 2022, 12, 2255-2264.	3.1	12
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