# Yi-Xin Zhao

### List of Publications by Citations

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61 118 199 14,732 h-index g-index citations papers 17,378 11 223 7.42 L-index ext. citations avg, IF ext. papers

#	Paper	IF	Citations
199	Organic-inorganic hybrid lead halide perovskites for optoelectronic and electronic applications. <i>Chemical Society Reviews</i> , <b>2016</b> , 45, 655-89	58.5	1049
198	Plasmonic Cu(2-x)S nanocrystals: optical and structural properties of copper-deficient copper(I) sulfides. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 4253-61	16.4	785
197	Thermodynamically stabilized ECsPbI-based perovskite solar cells with efficiencies >18. <i>Science</i> , <b>2019</b> , 365, 591-595	33.3	644
196	CH3NH3Cl-Assisted One-Step Solution Growth of CH3NH3PbI3: Structure, Charge-Carrier Dynamics, and Photovoltaic Properties of Perovskite Solar Cells. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 9412-9418	3.8	461
195	Bication lead iodide 2D perovskite component to stabilize inorganic EcsPbI perovskite phase for high-efficiency solar cells. <i>Science Advances</i> , <b>2017</b> , 3, e1700841	14.3	450
194	Bifunctional Stabilization of All-Inorganic EcsPbI Perovskite for 17% Efficiency Photovoltaics. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 12345-12348	16.4	434
193	Femtosecond time-resolved transient absorption spectroscopy of CH3NH3PbI3 perovskite films: evidence for passivation effect of PbI2. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 12205-8	16.4	417
192	Facile fabrication of large-grain CH3NH3PbI3-xBrx films for high-efficiency solar cells via CH3NH3Br-selective Ostwald ripening. <i>Nature Communications</i> , <b>2016</b> , 7, 12305	17.4	358
191	TiO2 nanoparticles as functional building blocks. <i>Chemical Reviews</i> , <b>2014</b> , 114, 9283-318	68.1	340
190	Chemical stability and instability of inorganic halide perovskites. <i>Energy and Environmental Science</i> , <b>2019</b> , 12, 1495-1511	35.4	335
189	Development of plasmonic semiconductor nanomaterials with copper chalcogenides for a future with sustainable energy materials. <i>Energy and Environmental Science</i> , <b>2012</b> , 5, 5564-5576	35.4	296
188	The Role of Dimethylammonium Iodide in CsPbI Perovskite Fabrication: Additive or Dopant?. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 16691-16696	16.4	264
187	Improving the efficiency of water splitting in dye-sensitized solar cells by using a biomimetic electron transfer mediator. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 15612-6	11.5	260
186	Charge Transport and Recombination in Perovskite (CH3NH3)PbI3 Sensitized TiO2 Solar Cells. Journal of Physical Chemistry Letters, <b>2013</b> , 4, 2880-2884	6.4	255
185	A High Yield Synthesis of Ligand-Free Iridium Oxide Nanoparticles with High Electrocatalytic Activity. <i>Journal of Physical Chemistry Letters</i> , <b>2011</b> , 2, 402-406	6.4	250
184	Solid-State Mesostructured Perovskite CH3NH3PbI3 Solar Cells: Charge Transport, Recombination, and Diffusion Length. <i>Journal of Physical Chemistry Letters</i> , <b>2014</b> , 5, 490-4	6.4	244
183	Controllable Sequential Deposition of Planar CHNHPblIPerovskite Films via Adjustable Volume Expansion. <i>Nano Letters</i> , <b>2015</b> , 15, 3959-63	11.5	217

# (2017-2016)

Identification and characterization of the intermediate phase in hybrid organic-inorganic MAPbI3 perovskite. <i>Dalton Transactions</i> , <b>2016</b> , 45, 3806-13	4.3	212
Efficient EcsPbI3 Photovoltaics with Surface Terminated Organic Cations. <i>Joule</i> , <b>2018</b> , 2, 2065-2075	27.8	210
Solution Chemistry Engineering toward High-Efficiency Perovskite Solar Cells. <i>Journal of Physical Chemistry Letters</i> , <b>2014</b> , 5, 4175-86	6.4	209
Efficient planar perovskite solar cells based on 1.8 eV band gap CH3NH3PbI2Br nanosheets via thermal decomposition. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 12241-4	16.4	203
Carbon quantum dots decorated Bi2WO6 nanocomposite with enhanced photocatalytic oxidation activity for VOCs. <i>Applied Catalysis B: Environmental</i> , <b>2016</b> , 193, 16-21	21.8	198
Amorphous TiO2 Buffer Layer Boosts Efficiency of Quantum Dot Sensitized Solar Cells to over 9%. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 8398-8405	9.6	184
Visible Light Assisted Heterogeneous Fenton-Like Degradation of Organic Pollutant via FeOOH/Mesoporous Carbon Composites. <i>Environmental Science &amp; Environmental Science &amp; Env</i>	o <sup>10.3</sup>	167
Resistance and polarization losses in aqueous bufferthembrane electrolytes for water-splitting photoelectrochemical cells. <i>Energy and Environmental Science</i> , <b>2012</b> , 5, 7582	35.4	166
Carbon Counter-Electrode-Based Quantum-Dot-Sensitized Solar Cells with Certified Efficiency Exceeding 11. <i>Journal of Physical Chemistry Letters</i> , <b>2016</b> , 7, 3103-11	6.4	154
Substrate-controlled band positions in CHNHPbliperovskite films. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 22122-30	3.6	152
The Effects of Sintering on the Photocatalytic Activity of N-Doped TiO2 Nanoparticles. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 2629-2636	9.6	145
FeOOH quantum dots coupled g-C3N4 for visible light driving photo- Fenton degradation of organic pollutants. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 237, 513-520	21.8	143
Optical bleaching of perovskite (CH3NH3)PbI3 through room-temperature phase transformation induced by ammonia. <i>Chemical Communications</i> , <b>2014</b> , 50, 1605-7	5.8	141
A controllable fabrication of grain boundary PbI2 nanoplates passivated lead halide perovskites for high performance solar cells. <i>Nano Energy</i> , <b>2016</b> , 26, 50-56	17.1	138
Metal ions optical sensing by semiconductor quantum dots. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 595-613	7.1	134
Effective hole extraction using MoOx-Al contact in perovskite CH3NH3PbI3 solar cells. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 213906	3.4	126
A Facile Low Temperature Fabrication of High Performance CsPbI2Br All-Inorganic Perovskite Solar Cells. <i>Solar Rrl</i> , <b>2018</b> , 2, 1700180	7.1	124
Mixed cation hybrid lead halide perovskites with enhanced performance and stability. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 11450-11461	13	123
	Perovskite. <i>Dalton Transactions</i> , <b>2016</b> , 45, 3806-13  Efficient EcsPb13 Photovoltaics with Surface Terminated Organic Cations. <i>Joule</i> , <b>2018</b> , 2, 2065-2075  Solution Chemistry Engineering toward High-Efficiency Perovskite Solar Cells. <i>Journal of Physical Chemistry Letters</i> , <b>2014</b> , 5, 4175-86  Efficient planar perovskite solar cells based on 1.8 eV band gap CH3NH3Pb12Br nanosheets via thermal decomposition. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 12241-4  Carbon quantum dots decorated Bi2WO6 nanocomposite with enhanced photocatalytic oxidation activity for VOCs. <i>Applied Catalysis B: Environmental</i> , <b>2016</b> , 193, 16-21  Amorphous TiO2 Buffer Layer Boosts Efficiency of Quantum Dot Sensitized Solar Cells to over 9%. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 8398-8405  Visible Light Assisted Heterogeneous Fenton-Like Degradation of Organic Pollutant via #FeOOH/Mesoporous Carbon Composites. <i>Environmental Science &amp; Description</i> , <b>2017</b> , 51, 3993-400  Resistance and polarization losses in aqueous bufferthembrane electrolytes for water-splitting photoelectrochemical cells. <i>Energy and Environmental Science</i> , <b>2012</b> , 5, 7582  Carbon Counter-Electrode-Based Quantum-Dot-Sensitized Solar Cells with Certified Efficiency Exceeding 11. <i>Journal of Physical Chemistry Letters</i> , <b>2016</b> , 7, 3103-11  Substrate-controlled band positions in CHBIHBbI[berovskite Films. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 22122-30  The Effects of Sintering on the Photocatalytic Activity of N-Doped TiO2 Nanoparticles. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 2629-2636  FeOOH quantum dots coupled g-C3N4 for visible light driving photo- Fenton degradation of organic pollutants. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 237, 513-520  Optical bleaching of perovskite (CH3NH3)PbI3 through room-temperature phase transformation induced by ammonia. <i>Chemical Communications</i> , <b>2014</b> , 50, 1605-7  A controllable fabrication of grain boundary PbI2 nanoplates passivated lead halide perovskites for high performance solar cells. <i>Nano </i>	perovskite. Dalton Transactions, 2016, 45, 3806-13  Efficient FCsPb13 Photovoltaics with Surface Terminated Organic Cations. Joule, 2018, 2, 2065-2075  27.8  Solution Chemistry Engineering toward High-Efficiency Perovskite Solar Cells. Journal of Physical Chemistry Letters, 2014, 5, 4175-86  Efficient planar perovskite solar cells based on 1.3 eV band gap CH3NH3Pb12Br nanosheets via thermal decomposition. Journal of the American Chemical Society, 2014, 136, 12241-4  Carbon quantum dots decorated Bi2WO6 nanocomposite with enhanced photocatalytic oxidation activity for VOCs. Applied Catalysis B: Environmental, 2016, 193, 16-21  Amorphous TiO2 Buffer Layer Boosts Efficiency of Quantum Dot Sensitized Solar Cells to over 9%. Chemistry of Materials, 2015, 27, 8398-8405  Visible Light Assisted Heterogeneous Fenton-Like Degradation of Organic Pollutant via FeOOH/Mesoporous Carbon Composites. Environmental Science & Degradation of Organic Pollutant via FeOOH/Mesoporous Carbon Composites. Environmental Science & Degradation of Organic Pollutant via FeOOH/Mesoporous Carbon Composites. Environmental Science, 2012, 5, 7582  35-4  Carbon Counter-Electrode-Based Quantum-Dot-Sensitized Solar Cells with Certified Efficiency Exceeding 11. Journal of Physical Chemistry Letters, 2016, 7, 3103-11  64.  Substrate-controlled band positions in CHBHPbIDerovskite films. Physical Chemistry Chemical Physics, 2014, 16, 22122-30  The Effects of Sintering on the Photocatalytic Activity of N-Doped TiO2 Nanoparticles. Chemistry of Materials, 2008, 20, 2629-2636  FeOOH quantum dots coupled g-C3N4 for visible light driving photo-Fenton degradation of organic pollutants. Applied Catalysis B: Environmental, 2018, 237, 513-520  Optical bleaching of perovskite (CH3NH3)Pb13 through room-temperature phase transformation induced by ammonia. Chemical Communications, 2014, 50, 1605-7  A controllable fabrication of grain boundary Pb12 nanoplates passivated lead halide perovskites for high performance solar cells. Nano Energy, 2016, 26, 50-56  Metal ions o

164	Growth control of compact CH3NH3PbI3 thin films via enhanced solid-state precursor reaction for efficient planar perovskite solar cells. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 9249-9256	13	118
163	Non-Thermal Annealing Fabrication of Efficient Planar Perovskite Solar Cells with Inclusion of NH4Cl. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 1448-1451	9.6	114
162	A facile solvothermal growth of single crystal mixed halide perovskite CH3NH3Pb(Br(1-x)Cl(x))3. <i>Chemical Communications</i> , <b>2015</b> , 51, 7820-3	5.8	114
161	Hydrochloric acid accelerated formation of planar CH3NH3PbI3 perovskite with high humidity tolerance. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 19674-19678	13	108
160	Mesoporous perovskite solar cells: material composition, charge-carrier dynamics, and device characteristics. <i>Faraday Discussions</i> , <b>2014</b> , 176, 301-12	3.6	103
159	In Situ Fabrication of Highly Luminescent Bifunctional Amino Acid Crosslinked 2D/3D NH3C4H9COO(CH3NH3PbBr3)n Perovskite Films. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1603568	15.6	103
158	Anodic deposition of colloidal iridium oxide thin films from hexahydroxyiridate(IV) solutions. <i>Small</i> , <b>2011</b> , 7, 2087-93	11	100
157	Synthesis and Characterization of Nitrogen-Doped Group IVB Visible-Light-Photoactive Metal Oxide Nanoparticles. <i>Advanced Materials</i> , <b>2007</b> , 19, 3995-3999	24	98
156	Ultrasensitive Photodetectors Based on Island-Structured CH3NH3PbI3 Thin Films. <i>ACS Applied Materials &amp; Acs Applied &amp;</i>	9.5	96
155	CsPb(I Br1)B solar cells. <i>Science Bulletin</i> , <b>2019</b> , 64, 1532-1539	10.6	92
155 154	CsPb(I Br1) solar cells. <i>Science Bulletin</i> , <b>2019</b> , 64, 1532-1539  Mesoporous TiO 2 films coated on carbon foam based on waste polyurethane for enhanced photocatalytic oxidation of VOCs. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 212, 1-6	10.6	92 89
	Mesoporous TiO 2 films coated on carbon foam based on waste polyurethane for enhanced		
154	Mesoporous TiO 2 films coated on carbon foam based on waste polyurethane for enhanced photocatalytic oxidation of VOCs. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 212, 1-6  Three-step sequential solution deposition of PbI2-free CH3NH3PbI3 perovskite. <i>Journal of</i>	21.8	89
154 153	Mesoporous TiO 2 films coated on carbon foam based on waste polyurethane for enhanced photocatalytic oxidation of VOCs. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 212, 1-6  Three-step sequential solution deposition of PbI2-free CH3NH3PbI3 perovskite. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 9086-9091  Enhancing thermoelectric performance of ternary nanocrystals through adjusting carrier	21.8	89 89
154 153 152	Mesoporous TiO 2 films coated on carbon foam based on waste polyurethane for enhanced photocatalytic oxidation of VOCs. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 212, 1-6  Three-step sequential solution deposition of PbI2-free CH3NH3PbI3 perovskite. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 9086-9091  Enhancing thermoelectric performance of ternary nanocrystals through adjusting carrier concentration. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 4982-3  Synthesis, characterization and computational study of nitrogen-doped CeO2 nanoparticles with	21.8 13 16.4	89 89 88
154 153 152 151	Mesoporous TiO 2 films coated on carbon foam based on waste polyurethane for enhanced photocatalytic oxidation of VOCs. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 212, 1-6  Three-step sequential solution deposition of PbI2-free CH3NH3PbI3 perovskite. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 9086-9091  Enhancing thermoelectric performance of ternary nanocrystals through adjusting carrier concentration. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 4982-3  Synthesis, characterization and computational study of nitrogen-doped CeO2 nanoparticles with visible-light activity. <i>Physical Chemistry Chemical Physics</i> , <b>2008</b> , 10, 5633-8  Highly Efficient Utilization of Nano-Fe(0) Embedded in Mesoporous Carbon for Activation of	21.8 13 16.4 3.6	89 89 88 84
154 153 152 151	Mesoporous TiO 2 films coated on carbon foam based on waste polyurethane for enhanced photocatalytic oxidation of VOCs. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 212, 1-6  Three-step sequential solution deposition of PbI2-free CH3NH3PbI3 perovskite. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 9086-9091  Enhancing thermoelectric performance of ternary nanocrystals through adjusting carrier concentration. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 4982-3  Synthesis, characterization and computational study of nitrogen-doped CeO2 nanoparticles with visible-light activity. <i>Physical Chemistry Chemical Physics</i> , <b>2008</b> , 10, 5633-8  Highly Efficient Utilization of Nano-Fe(0) Embedded in Mesoporous Carbon for Activation of Peroxydisulfate. <i>Environmental Science &amp; Camp; Technology</i> , <b>2019</b> , 53, 9081-9090	21.8 13 16.4 3.6	89 89 88 84 83

## (2015-2018)

146	Hydrophilic mesoporous carbon as iron(III)/(II) electron shuttle for visible light enhanced Fenton-like degradation of organic pollutants. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 231, 108-114	21.8	72
145	General Method for the Synthesis of Ultrastable Core/Shell Quantum Dots by Aluminum Doping.  Journal of the American Chemical Society, 2015, 137, 12430-3	16.4	71
144	Ion-Exchange-Induced 2D-3D Conversion of HMA FA PbI Cl Perovskite into a High-Quality MA FA PbI Perovskite. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 13460-13464	16.4	71
143	Oxidatively stable nanoporous silicon photocathodes with enhanced onset voltage for photoelectrochemical proton reduction. <i>Nano Letters</i> , <b>2015</b> , 15, 2517-25	11.5	69
142	Organic-inorganic interactions of single crystalline organolead halide perovskites studied by Raman spectroscopy. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 18112-8	3.6	68
141	Li dopant induces moisture sensitive phase degradation of an all-inorganic CsPbIBr perovskite. <i>Chemical Communications</i> , <b>2018</b> , 54, 9809-9812	5.8	66
140	All-inorganic CsCuX (X = Cl, Br, and Br/l) perovskite quantum dots with blue-green luminescence. <i>Chemical Communications</i> , <b>2018</b> , 54, 11638-11641	5.8	65
139	A Stable Plasmonic Cu@Cu O/ZnO Heterojunction for Enhanced Photocatalytic Hydrogen Generation. <i>ChemSusChem</i> , <b>2018</b> , 11, 1505-1511	8.3	63
138	Tuning layered Fe-doped g-C3N4 structure through pyrolysis for enhanced Fenton and photo-Fenton activities. <i>Carbon</i> , <b>2020</b> , 159, 461-470	10.4	58
137	Electron transfer kinetics in water splitting dye-sensitized solar cells based on core-shell oxide electrodes. <i>Faraday Discussions</i> , <b>2012</b> , 155, 165-76; discussion 207-22	3.6	57
136	Toward high-performance nanostructured thermoelectric materials: the progress of bottom-up solution chemistry approaches. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 17049		57
135	Improving Thermoelectric Properties of Chemically Synthesized Bi2Te3-Based Nanocrystals by Annealing. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 11607-11613	3.8	56
134	MoS-Stratified CdS-CuS Core-Shell Nanorods for Highly Efficient Photocatalytic Hydrogen Production. <i>ACS Nano</i> , <b>2020</b> , 14, 5468-5479	16.7	54
133	Chemical synthesis of Bi(0.5)Sb(1.5)Te3 nanocrystals and their surface oxidation properties. <i>ACS Applied Materials &amp; Discourse (Materials &amp; Discourse)</i> , 1, 1259-63	9.5	53
132	CdTe/CdS Core/Shell Quantum Dots Cocatalyzed by Sulfur Tolerant [Mo3S13]2[Nanoclusters for Efficient Visible-Light-Driven Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2016</b> , 4, 6653-6658	8.3	50
131	Sulfurated [NiFe]-based layered double hydroxides nanoparticles as efficient co-catalysts for photocatalytic hydrogen evolution using CdTe/CdS quantum dots. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 209, 155-160	21.8	48
130	Photocatalytic remediation of ionic pollutant. <i>Science Bulletin</i> , <b>2015</b> , 60, 1791-1806	10.6	48
129	A novel highly active nanostructured IrO2/Ti anode for water oxidation. <i>International Journal of Hydrogen Energy</i> , <b>2015</b> , 40, 14279-14283	6.7	48

128	Chemically Stable Black Phase CsPbI Inorganic Perovskites for High-Efficiency Photovoltaics. <i>Advanced Materials</i> , <b>2020</b> , 32, e2001025	24	48
127	Stable Lead-Free (CH3NH3)3Bi2I9 Perovskite for Photocatalytic Hydrogen Generation. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 15080-15085	8.3	47
126	Photocurrent enhanced by singlet fission in a dye-sensitized solar cell. <i>ACS Applied Materials &amp; Amp; Interfaces</i> , <b>2015</b> , 7, 2286-93	9.5	47
125	Sn-doped hematite films as photoanodes for efficient photoelectrochemical water oxidation. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 6751-6755	13	43
124	A general non-CH3NH3X (X = I, Br) one-step deposition of CH3NH3PbX3 perovskite for high performance solar cells. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 3245-3248	13	43
123	Synergetic Effect of Chloride Doping and CH NH PbCl on CH NH PbI Cl Perovskite-Based Solar Cells. <i>ChemSusChem</i> , <b>2017</b> , 10, 2365-2369	8.3	42
122	A metal-free visible light active photo-electro-Fenton-like cell for organic pollutants degradation. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 229, 211-217	21.8	39
121	Defect Engineering in Semiconductors: Manipulating Nonstoichiometric Defects and Understanding Their Impact in Oxynitrides for Solar Energy Conversion. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1808389	15.6	37
120	Understanding the Effect of Monomeric Iridium(III/IV) Aquo Complexes on the Photoelectrochemistry of IrO(x)[hH2O-Catalyzed Water-Splitting Systems. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 8749-57	16.4	36
119	Steric Mixed-Cation 2D Perovskite as a Methylammonium Locker to Stabilize MAPbl. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 1469-1473	16.4	35
118	Light-Driven Overall Water Splitting Enabled by a Photo-Dember Effect Realized on 3D Plasmonic Structures. <i>ACS Nano</i> , <b>2016</b> , 10, 6693-701	16.7	34
117	Proton Reduction Using a Hydrogenase-Modified Nanoporous Black Silicon Photoelectrode. <i>ACS Applied Materials &amp; Discours Applied &amp;</i>	9.5	33
116	Intercalation crystallization of phase-pure HC(NHIPbliLipon microstructurally engineered Pblil thin films for planar perovskite solar cells. <i>Nanoscale</i> , <b>2016</b> , 8, 6265-70	7.7	33
115	Nonvolatile chlorinated additives adversely influence CH3NH3PbI3 based planar solar cells. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 9137-9140	13	32
114	The Role of Dimethylammonium Iodide in CsPbI3 Perovskite Fabrication: Additive or Dopant?. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 16844-16849	3.6	32
113	Binderless and Oxygen Vacancies Rich FeNi/Graphitized Mesoporous Carbon/Ni Foam for Electrocatalytic Reduction of Nitrate. <i>Environmental Science &amp; Description of Nitrate</i> (2018) 13344-13353	10.3	32
112	Organic Tetrabutylammonium Cation Intercalation to Heal Inorganic CsPbI Perovskite. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 12351-12355	16.4	32
111	Highly efficient colloidal MnxCd1⊠S nanorod solid solution for photocatalytic hydrogen generation. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 23683-23689	13	32

# (2018-2018)

110	Rod-shaped thiocyanate-induced abnormal band gap broadening in SCNIdoped CsPbBr3 perovskite nanocrystals. <i>Nano Research</i> , <b>2018</b> , 11, 2715-2723	10	30	
109	Organic salt mediated growth of phase pure and stable all-inorganic CsPbX3 (X = I, Br) perovskites for efficient photovoltaics. <i>Science Bulletin</i> , <b>2019</b> , 64, 1773-1779	10.6	29	
108	A highly efficient nanoporous BiVO4 photoelectrode with enhanced interface charge transfer Co-catalyzed by molecular catalyst. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 225, 504-511	21.8	29	
107	Photostability of MAPbI3 Perovskite Solar Cells by Incorporating Black Phosphorus. <i>Solar Rrl</i> , <b>2019</b> , 3, 1900197	7.1	28	
106	Highly photocatalytic active thiomolybdate [Mo3S13]2[clusters/BiOBr nanocomposite with enhanced sulfur tolerance. <i>Applied Catalysis B: Environmental</i> , <b>2016</b> , 183, 1-7	21.8	28	
105	Spontaneous low-temperature crystallization of FAPbI3 for highly efficient perovskite solar cells. <i>Science Bulletin</i> , <b>2019</b> , 64, 1608-1616	10.6	27	
104	Inorganic CsPbI3 Perovskites toward High-Efficiency Photovoltaics. <i>Energy and Environmental Materials</i> , <b>2019</b> , 2, 73-78	13	27	
103	CsI Enhanced Buried Interface for Efficient and UV-Robust Perovskite Solar Cells. <i>Advanced Energy Materials</i> ,2103151	21.8	27	
102	CuO nanosheet as a recyclable Fenton-like catalyst prepared from simulated Cu(II) waste effluents by alkaline H2O2 reaction. <i>Environmental Science: Nano</i> , <b>2019</b> , 6, 105-114	7.1	25	
101	Size-dependent nanocrystal sorbent for copper removal from water. <i>Chemical Engineering Journal</i> , <b>2016</b> , 284, 565-570	14.7	25	
100	Lead-free silver-antimony halide double perovskite quantum dots with superior blue photoluminescence. <i>Chemical Communications</i> , <b>2019</b> , 55, 14741-14744	5.8	25	
99	Advances to High-Performance Black-Phase FAPbI3 Perovskite for Efficient and Stable Photovoltaics. <i>Small Structures</i> , <b>2021</b> , 2, 2000130	8.7	25	
98	Secondary battery inspired NiO nanosheets with rich Ni(III) defects for enhancing persulfates activation in phenolic waste water degradation. <i>Chemical Engineering Journal</i> , <b>2019</b> , 360, 97-103	14.7	24	
97	Efficient and Stable CsPbI Inorganic Perovskite Photovoltaics Enabled by Crystal Secondary Growth. <i>Advanced Materials</i> , <b>2021</b> , 33, e2103688	24	24	
96	Highly Active IrOx Nanoparticles/Black Si Electrode for Efficient Water Splitting with Conformal TiO2 Interface Engineering. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 10940-10946	8.3	22	
95	NiFe Layered Double Hydroxide (LDH) Nanosheet Catalysts with Fe as Electron Transfer Mediator for Enhanced Persulfate Activation. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 968-973	6.4	22	
94	Phosphorus-doped Isotype g-C3N4/g-C3N4: An Efficient Charge Transfer System for Photoelectrochemical Water Oxidation. <i>ChemCatChem</i> , <b>2019</b> , 11, 729-736	5.2	22	
93	Integration of a functionalized graphene nano-network into a planar perovskite absorber for high-efficiency large-area solar cells. <i>Materials Horizons</i> , <b>2018</b> , 5, 868-873	14.4	21	

92	Efficient hydrogen evolution from the hydrolysis of ammonia borane using bilateral-like WO nanorods coupled with NiP nanoparticles. <i>Chemical Communications</i> , <b>2018</b> , 54, 6188-6191	5.8	21
91	CH3NH3Cl Assisted Solvent Engineering for Highly Crystallized and Large Grain Size Mixed-Composition (FAPbI3)0.85(MAPbBr3)0.15 Perovskites. <i>Crystals</i> , <b>2017</b> , 7, 272	2.3	20
90	In situ growth of ultra-thin perovskitoid layer to stabilize and passivate MAPbI3 for efficient and stable photovoltaics. <i>EScience</i> , <b>2021</b> ,		20
89	CaMnO3 perovskite nanocrystals for efficient peroxydisulfate activation. <i>Chemical Engineering Journal</i> , <b>2020</b> , 398, 125638	14.7	19
88	Effect of chloride substitution on interfacial charge transfer processes in MAPbI3 perovskite thin film solar cells: planar versus mesoporous. <i>Nanoscale Advances</i> , <b>2019</b> , 1, 827-833	5.1	19
87	A facile deposition of large grain and phase pure <b>FAPbI 3</b> for perovskite solar cells via a flash crystallization. <i>Materials Today Energy</i> , <b>2017</b> , 5, 293-298	7	19
86	A mixed-cation lead iodide MA1\(\text{\textit{B}EAxPbI3}\) absorber for perovskite solar cells. <i>Journal of Energy Chemistry</i> , <b>2018</b> , 27, 215-218	12	18
85	Interfacial crosslinked quasi-2D perovskite with boosted carrier transport and enhanced stability. Journal Physics D: Applied Physics, <b>2018</b> , 51, 404001	3	18
84	Wireless activation of neurons in brain slices using nanostructured semiconductor photoelectrodes. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 2407-10	16.4	18
83	In situ gas/solid reaction for the formation of luminescent quantum confined CH3NH3PbBr3 perovskite planar film. <i>Chemical Communications</i> , <b>2016</b> , 52, 11080-3	5.8	18
82	Optoelectronic Dichotomy of Mixed Halide CHNHPb(BrCl) Single Crystals: Surface versus Bulk Photoluminescence. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 11811-11819	16.4	18
81	[Mo3S13]2[modified TiO2 coating on non-woven fabric for efficient photocatalytic mineralization of acetone. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 245, 190-196	21.8	17
80	Dry Chemistry of Ferrate(VI): A Solvent-Free Mechanochemical Way for Versatile Green Oxidation. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 10949-10953	16.4	17
79	Secondary battery inspired ⊞ickel hydroxide as an efficient Ni-based heterogeneous catalyst for sulfate radical activation. <i>Science Bulletin</i> , <b>2018</b> , 63, 278-281	10.6	16
78	Potential lead toxicity and leakage issues on lead halide perovskite photovoltaics. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 127848	12.8	16
77	Recent progress and prospects of integrated perovskite/organic solar cells. <i>Applied Physics Reviews</i> , <b>2020</b> , 7, 031303	17.3	16
76	In situ modification of BiVO nanosheets on graphene for boosting photocatalytic water oxidation. <i>Nanoscale</i> , <b>2020</b> , 12, 14853-14862	7.7	15
75	Ferric (hydr)oxide/mesoporous carbon composites as Fenton-like catalysts for degradation of phenol. <i>Research on Chemical Intermediates</i> , <b>2018</b> , 44, 4103-4117	2.8	15

74	Ultrasensitive optical detection of anions by quantum dots. <i>Nanoscale Horizons</i> , <b>2016</b> , 1, 125-134	10.8	14
73	Enhanced visible/near-infrared light harvesting and superior charge separation via 0D/2D all-carbon hybrid architecture for photocatalytic oxygen evolution. <i>Carbon</i> , <b>2020</b> , 167, 724-735	10.4	14
72	Using steric hindrance to manipulate and stabilize metal halide perovskites for optoelectronics. <i>Chemical Science</i> , <b>2021</b> , 12, 7231-7247	9.4	14
71	Improvement of the thermoelectric power factor through anisotropic growth of nanostructured PbSe thin films. <i>Dalton Transactions</i> , <b>2010</b> , 39, 1095-100	4.3	13
70	Effective removal of chlorinated organic pollutants by bimetallic iron-nickel sulfide activation of peroxydisulfate. <i>Chinese Chemical Letters</i> , <b>2020</b> , 31, 1535-1539	8.1	13
69	Stabilizing the MAPbI3 perovksite via the in-situ formed lead sulfide layer for efficient and robust solar cells. <i>Journal of Energy Chemistry</i> , <b>2020</b> , 47, 62-65	12	13
68	Incorporating quantum dots for high efficiency and stable perovskite photovoltaics. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 25017-25027	13	13
67	Highly Efficient (110) Orientated FA-MA Mixed Cation Perovskite Solar Cells via Functionalized Carbon Nanotube and Methylammonium Chloride Additive. <i>Small Methods</i> , <b>2020</b> , 4, 1900511	12.8	13
66	Brand new 1D branched CuO nanowire arrays for efficient photoelectrochemical water reduction. <i>Dalton Transactions</i> , <b>2018</b> , 47, 14566-14572	4.3	12
65	2-Aminobenzenethiol-Functionalized Silver-Decorated Nanoporous Silicon Photoelectrodes for Selective CO Reduction. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 11462-11469	16.4	11
64	Steric Mixed-Cation 2D Perovskite as a Methylammonium Locker to Stabilize MAPbI3. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 1485-1489	3.6	11
63	Organic Tetrabutylammonium Cation Intercalation to Heal Inorganic CsPbI3 Perovskite. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 12459-12463	3.6	11
62	A Tandem Water Splitting Cell Based on Nanoporous BiVO4 Photoanode Cocatalyzed by Ultrasmall Cobalt Borate Sandwiched with Conformal TiO2 Layers. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 16228-16234	8.3	11
61	Peroxydisulfate activation by photo-generated charges on mesoporous carbon nitride for removal of chlorophenols. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 296, 120370	21.8	11
60	Highly photocatalytic active thiomolybdate [Mo 3 S 13 ] 2Itlusters/Bi 2 WO 6 nanocomposites. <i>Catalysis Today</i> , <b>2016</b> , 274, 22-27	5.3	10
59	Relativistic DFT study on the reaction mechanism of second-row transition metal Ru with CO2. <i>Journal of Physical Chemistry A</i> , <b>2006</b> , 110, 3552-8	2.8	10
58	Harvest of ocean energy by triboelectric generator technology. <i>Applied Physics Reviews</i> , <b>2018</b> , 5, 03130	317.3	9
57	Photoelectrochemical reduction of nitrates with visible light by nanoporous Si photoelectrode. <i>Electrochimica Acta</i> , <b>2015</b> , 177, 366-369	6.7	9

56	Stable Cesium-Rich Formamidinium/Cesium Pure-Iodide Perovskites for Efficient Photovoltaics. <i>ACS Energy Letters</i> , <b>2021</b> , 6, 2735-2741	20.1	9
55	Highly Stable Inorganic Lead Halide Perovskite toward Efficient Photovoltaics. <i>Accounts of Chemical Research</i> , <b>2021</b> , 54, 3452-3461	24.3	9
54	Organic Matrix Assisted Low-temperature Crystallization of Black Phase Inorganic Perovskites. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> ,	16.4	9
53	Perovskite solar cells by vapor deposition based and assisted methods. <i>Applied Physics Reviews</i> , <b>2022</b> , 9, 021305	17.3	9
52	A simple fabrication of CH3NH3PbI3 perovskite for solar cells using low-purity PbI2. <i>Journal of Semiconductors</i> , <b>2017</b> , 38, 014004	2.3	8
51	Potassium stabilization of methylammonium lead bromide perovskite for robust photocatalytic H2 generation. <i>EcoMat</i> , <b>2020</b> , 2, e12015	9.4	8
50	Complete Conversion of PbI to Methyl Ammonium PbI Improves Perovskite Solar Cell Efficiency. <i>ChemPhysChem</i> , <b>2017</b> , 18, 47-50	3.2	8
49	Deep-Red Perovskite Light-Emitting Diodes Based on One-Step-Formed EcsPbI Cuboid Crystallites. <i>Advanced Materials</i> , <b>2021</b> , 33, e2105699	24	8
48	Partial Cu ion exchange induced triangle hexagonal MnCuCdS nanocrystals for enhanced photocatalytic hydrogen evolution. <i>Chemical Communications</i> , <b>2020</b> , 56, 8127-8130	5.8	7
47	High performance nanoporous silicon photoelectrodes co-catalyzed with an earth abundant [Mo3S13]2[hanocluster via drop coating. <i>RSC Advances</i> , <b>2016</b> , 6, 15610-15614	3.7	7
46	Photodeposited FeOOH vs electrodeposited Co-Pi to enhance nanoporous BiVO4for photoelectrochemical water splitting. <i>Journal of Semiconductors</i> , <b>2017</b> , 38, 053004	2.3	7
45	Overcoming Acidic HO/Fe(II/III) Redox-Induced Low HO Utilization Efficiency by Carbon Quantum Dots Fenton-like Catalysis <i>Environmental Science &amp; Environmental Science &amp; En</i>	10.3	7
44	Recent Progress of Lead Halide Perovskite Sensitized Solar Cells. <i>Acta Chimica Sinica</i> , <b>2015</b> , 73, 202	3.3	7
43	Recent Progress of Photocatalysis Based on Metal Halide Perovskites. <i>Acta Chimica Sinica</i> , <b>2019</b> , 77, 10	7 <b>5</b> .3	7
42	V-rich Bi2S3 nanowire with efficient charge separation and transport for high-performance and robust photoelectrochemical application under visible light. <i>Catalysis Today</i> , <b>2020</b> , 350, 47-55	5.3	7
41	5-Ammonium Valeric Acid Iodide to Stabilize MAPbI via a Mixed-Cation Perovskite with Reduced Dimension. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 8170-8176	6.4	7
40	Ion-Exchange-Induced 2DBD Conversion of HMA1NFAxPbI3Cl Perovskite into a High-Quality MA1NFAxPbI3 Perovskite. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 13658-13662	3.6	7
39	Two-Dimensional Materials for Perovskite Solar Cells with Enhanced Efficiency and Stability <b>2021</b> , 3, 1402-1416		7

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38	Interface modification of SnO2 layer using pl junction double layer for efficiency enhancement of perovskite solar cell. <i>Journal Physics D: Applied Physics</i> , <b>2020</b> , 53, 505103	3	6
37	Mechanochemically sulfured FeS1.92 as stable and efficient heterogeneous Fenton catalyst. <i>Chinese Chemical Letters</i> , <b>2020</b> , 31, 1978-1981	8.1	6
36	Lead-Free Cs AgSbCl Double Perovskite Nanocrystals for Effective Visible-Light Photocatalytic C-C Coupling Reactions <i>ChemSusChem</i> , <b>2021</b> , e202102334	8.3	6
35	Multi-Level Passivation of MAPbI 3 Perovskite for Efficient and Stable Photovoltaics. <i>Advanced Functional Materials</i> ,2108944	15.6	6
34	Electrocatalytic Valorization of Poly(ethylene terephthalate) Plastic and CO2 for Simultaneous Production of Formic Acid. <i>ACS Catalysis</i> ,6722-6728	13.1	6
33	Fast Charge Diffusion in MAPb(IBr) Films for High-Efficiency Solar Cells Revealed by Ultrafast Time-Resolved Reflectivity. <i>Journal of Physical Chemistry A</i> , <b>2019</b> , 123, 2674-2678	2.8	5
32	Dry Chemistry of Ferrate(VI): A Solvent-Free Mechanochemical Way for Versatile Green Oxidation. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 11115-11119	3.6	5
31	Sensing Thermally Denatured DNA by Inhibiting the Growth of Au Nanoparticles: Spectral and Electrochemical Studies. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 14461-14468	3.8	5
30	Electro-Reforming Polyethylene Terephthalate Plastic to Co-Produce Valued Chemicals and Green Hydrogen <i>Journal of Physical Chemistry Letters</i> , <b>2022</b> , 13, 622-627	6.4	5
29	Cu-Sb-S Ternary Semiconductor Nanoparticle Plasmonics. <i>Nano Letters</i> , <b>2021</b> , 21, 2610-2617	11.5	5
28	Tubular morphology preservation and doping engineering of Sn/P-codoped hematite for photoelectrochemical water oxidation. <i>Dalton Transactions</i> , <b>2019</b> , 48, 928-935	4.3	4
27	2-Aminobenzenethiol-Functionalized Silver-Decorated Nanoporous Silicon Photoelectrodes for Selective CO2 Reduction. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 11559-11566	3.6	4
26	Additive-Assisted Controllable Growth of Perovskites. <i>Series on Chemistry, Energy and the Environment</i> , <b>2017</b> , 1-26	0.2	4
25	Wireless Activation of Neurons in Brain Slices Using Nanostructured Semiconductor Photoelectrodes. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 2443-2446	3.6	4
24	All-inorganic lead-free metal halide perovskite quantum dots: progress and prospects. <i>Chemical Communications</i> , <b>2021</b> , 57, 7465-7479	5.8	4
23	The ClOllgeneration and chlorate suppression in photoelectrochemical reactive chlorine species systems on BiVO4 photoanodes. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 296, 120387	21.8	4
22	Synthesis and Characterization of Nitrogen-doped SnO2 and Comparison to Nitrogen-doped CeO2 Nanoparticles for Visible-light Applications. <i>ECS Transactions</i> , <b>2009</b> , 16, 67-77	1	3
21	The Chemical Design in High-Performance Lead Halide Perovskite: Additive vs Dopant?. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 11636-11644	6.4	3

20	Design of Advanced Functional Materials Using Nanoporous Single-Site Photocatalysts. <i>Chemical Record</i> , <b>2020</b> , 20, 660-671	6.6	3
19	Nano-Fe(0)/mesoporous carbon supported on biochar for activating peroxydisulfate to remove polycyclic aromatics hydrocarbons. <i>Emergent Materials</i> , <b>2020</b> , 3, 307-313	3.5	2
18	Top-down fabrication of colloidal plasmonic MoO nanocrystals via solution chemistry hydrogenation. <i>Chemical Communications</i> , <b>2020</b> , 56, 4816-4819	5.8	2
17	The layer boundary effect on multi-layer mesoporous TiO2 film based dye sensitized solar cells. <i>RSC Advances</i> , <b>2016</b> , 6, 98167-98170	3.7	2
16	Two dimensional porous Ni12P5 sheet modified Mn0.5Cd0.5S for efficient photo-catalytic hydrogen production. <i>International Journal of Hydrogen Energy</i> , <b>2022</b> , 47, 8275-8283	6.7	2
15	Modification of Ti-doped Hematite Photoanode with Quasi-molecular Cocatalyst: A Comparison of Improvement Mechanism Between Non-noble and Noble Metals. <i>ChemSusChem</i> , <b>2021</b> , 14, 2180-2187	8.3	2
14	Near UV luminescent Cs2NaBi0.75Sb0.25Cl6 perovskite colloidal nanocrystals with high stability. <i>Chinese Chemical Letters</i> , <b>2021</b> , 33, 537-537	8.1	2
13	Synergetic effects of DMA cation doping and Cl anion additives induced re-growth of MA1NDMAxPbI3 perovskites. <i>Sustainable Energy and Fuels</i> ,	5.8	2
12	MA Cation-Induced Diffusional Growth of Low-Bandgap FA-Cs Perovskites Driven by Natural Gradient Annealing. <i>Research</i> , <b>2021</b> , 2021, 9765106	7.8	2
11	Cu7S4/MnIn2S4 heterojunction for efficient photocatalytic hydrogen generation. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 884, 161035	5.7	2
10	Amorphous NiCoB-coupled MAPbI for efficient photocatalytic hydrogen evolution. <i>Dalton Transactions</i> , <b>2021</b> ,	4.3	1
9	Synergistic stabilization of CsPbI3 inorganic perovskite via 1D capping and secondary growth. <i>Journal of Energy Chemistry</i> , <b>2022</b> , 68, 387-392	12	1
8	Organic ammonium salt surface treatment stabilizing all-inorganic CsPbI2Br perovskite. <i>Wuli Xuebao/Acta Physica Sinica</i> , <b>2019</b> , 68, 158805	0.6	1
7	Influence of PbS Quantum Dots-Doped TiO2 Nanotubes in TiO2 Film as an Electron Transport Layer for Enhanced Perovskite Solar Cell Performance. <i>IEEE Journal of Photovoltaics</i> , <b>2020</b> , 10, 287-295	3.7	1
6	Incorporation of Two-Dimensional WSe into MAPbI Perovskite for Efficient and Stable Photovoltaics. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 6883-6888	6.4	1
5	Organic Matrix Assisted Low-temperature Crystallization of Black Phase Inorganic Perovskites.  Angewandte Chemie,	3.6	1
4	Hybrid Phase MoS2 as a Noble Metal-Free Photocatalyst for Conversion of Nitroaromatics to Aminoaromatics. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 20887-20895	3.8	1
3	Inorganic CsPbBr 3 Perovskite Nanocrystals as Interfacial Ion Reservoirs to Stabilize FAPbI 3 Perovskite for Efficient Photovoltaics. <i>Advanced Energy Materials</i> ,2200203	21.8	1

#### LIST OF PUBLICATIONS

2	Stable Pure Iodide MA0.95Cs0.05PbI3 Perovskite toward Efficient 1.6 eV Bandgap Photovoltaics. Journal of Physical Chemistry Letters,5088-5093	6.4	1	
1	Surface Coordination Layer to Enhance the Stability of Plasmonic Cu Nanoparticles. <i>Journal of Physical Chemistry C.</i> <b>2021</b> , 125, 27624-27630	3.8	О	