

# Yucheng Yuan

## List of Publications by Year in descending order

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21  
papers

1,099  
citations

516215

16  
h-index

713013

21  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1614  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Lead-Free Cs <sub>2</sub> AgBiX <sub>6</sub> (X = Cl, Br, I) Double Perovskite Nanoplatelets and Their Application in CO <sub>2</sub> Photocatalytic Reduction. <i>Nano Letters</i> , 2021, 21, 1620-1627.	4.5	140
2	Phenyliodine Bis(trifluoroacetate)-Mediated Oxidative C-C Bond Formation: Synthesis of 3-Hydroxy-2-oxindoles and Spirooxindoles from Anilides. <i>Organic Letters</i> , 2012, 14, 2210-2213.	2.4	129
3	Lipolysis Triggers a Systemic Insulin Response Essential for Efficient Energy Replenishment of Activated Brown Adipose Tissue in Mice. <i>Cell Metabolism</i> , 2018, 28, 644-655.e4.	7.2	129
4	Mn <sup>2+</sup> /Yb <sup>3+</sup> Codoped CsPbCl <sub>3</sub> Perovskite Nanocrystals with Triple-Wavelength Emission for Luminescent Solar Concentrators. <i>Advanced Science</i> , 2020, 7, 2001317.	5.6	105
5	Direct Oxidative Coupling of Enamines and Electron-Deficient Amines: TBAI/TBHP-Mediated Synthesis of Substituted Diaminoalkenes under Metal-Free Conditions. <i>Organic Letters</i> , 2014, 16, 5410-5413.	2.4	85
6	Stereoselective C-C Oxidative Coupling Reactions Photocatalyzed by Zwitterionic Ligand Capped CsPbBr <sub>3</sub> Perovskite Quantum Dots. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22563-22569.	7.2	73
7	PhI(OAc) <sub>2</sub> -Mediated Intramolecular Oxidative Aryl-Aldehyde C-C Bond Formation: Metal-Free Synthesis of Acridone Derivatives. <i>Journal of Organic Chemistry</i> , 2014, 79, 7451-7458.	1.7	59
8	Monodisperse Hexagonal Pyramidal and Bipyramidal Wurtzite CdSe-CdS Core-Shell Nanocrystals. <i>Chemistry of Materials</i> , 2017, 29, 4097-4108.	3.2	59
9	Lysosomal lipoprotein processing in endothelial cells stimulates adipose tissue thermogenic adaptation. <i>Cell Metabolism</i> , 2021, 33, 547-564.e7.	7.2	48
10	Quantum Dot Photocatalysts for Organic Transformations. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 7180-7193.	2.1	48
11	Cu-Catalyzed Synthesis of CdZnSe/CdZnS Alloy Quantum Dots with Highly Tunable Emission. <i>Chemistry of Materials</i> , 2019, 31, 2635-2643.	3.2	41
12	One-Pot Synthesis of 3-Hydroxyquinolin-2(1 <i>H</i> )-ones from <i>N</i> -Phenylacetamide via PhI(OCOCF <sub>3</sub> ) <sub>2</sub> -Mediated $\dot{I}$ -Hydroxylation and H <sub>2</sub> SO <sub>4</sub> -Promoted Intramolecular Cyclization. <i>Journal of Organic Chemistry</i> , 2013, 78, 5385-5392.	1.7	31
13	Three-dimensional macroporous photonic crystal enhanced photon collection for quantum dot-based luminescent solar concentrator. <i>Nano Energy</i> , 2020, 67, 104217.	8.2	29
14	Self-Assembly of Quantum Dot-Gold Heterodimer Nanocrystals with Orientational Order. <i>Nano Letters</i> , 2018, 18, 5049-5056.	4.5	25
15	A Divide-and-Conquer Strategy for Quantification of Light Absorption, Scattering, and Emission Properties of Fluorescent Nanomaterials in Solutions. <i>Analytical Chemistry</i> , 2019, 91, 8540-8548.	3.2	20
16	Thick-Shell CdSe/ZnS/CdZnS/ZnS Core/Shell Quantum Dots for Quantitative Immunoassays. <i>ACS Applied Nano Materials</i> , 2021, 4, 2855-2865.	2.4	17
17	Stereoselective C-C Oxidative Coupling Reactions Photocatalyzed by Zwitterionic Ligand Capped CsPbBr <sub>3</sub> Perovskite Quantum Dots. <i>Angewandte Chemie</i> , 2020, 132, 22752-22758.	1.6	16
18	Reversible Photo-Switching of Dual-Color Fluorescent Mn-Doped CdS-ZnS Quantum Dots Modulated by Diarylethene Molecules. <i>Frontiers in Chemistry</i> , 2019, 7, 145.	1.8	13

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19	Quantification of the Photon Absorption, Scattering, and On-Resonance Emission Properties of CdSe/CdS Core/Shell Quantum Dots: Effect of Shell Geometry and Volumes. <i>Analytical Chemistry</i> , 2020, 92, 5346-5353.	3.2	13
20	Pressure-Induced Transformations of Three-Component Heterostructural Nanocrystals with CdSe/Au <sub>2</sub> S Janus Nanoparticles as Hosts and Small Au Nanoparticles as Satellites. <i>ACS Applied Nano Materials</i> , 2019, 2, 6804-6808.	2.4	11
21	Highly Efficient AuPd Catalyst for Synthesizing Polybenzoxazole with Controlled Polymerization. <i>Matter</i> , 2019, 1, 1631-1643.	5.0	8