

# Yong Yu

## List of Publications by Year in descending order

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36  
papers

3,564  
citations

236925

25  
h-index

330143

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g-index

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all docs

38  
docs citations

38  
times ranked

4038  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of a Highly Luminescent Au <sub>22</sub> (SC) <sub>18</sub> Nanocluster. Journal of the American Chemical Society, 2014, 136, 1246-1249.	13.7	490
2	Preparation, characterization and antibacterial properties of silver-modified graphene oxide. Journal of Materials Chemistry, 2011, 21, 3350-3352.	6.7	420
3	Luminescent Noble Metal Nanoclusters as an Emerging Optical Probe for Sensor Development. Chemistry - an Asian Journal, 2013, 8, 858-871.	3.3	299
4	Scalable and Precise Synthesis of Thiolated Au <sub>12</sub> , Au <sub>15</sub> , Au <sub>18</sub> , and Au <sub>25</sub> Nanoclusters via pH Controlled CO Reduction. Chemistry of Materials, 2013, 25, 946-952.	6.7	238
5	Understanding seed-mediated growth of gold nanoclusters at molecular level. Nature Communications, 2017, 8, 927.	12.8	228
6	Lighting up thiolated Au@Ag nanoclusters via aggregation-induced emission. Nanoscale, 2014, 6, 157-161.	5.6	186
7	Observation of Cluster Size Growth in CO-Directed Synthesis of Au <sub>25</sub> (SR) <sub>18</sub> Nanoclusters. ACS Nano, 2012, 6, 7920-7927.	14.6	157
8	Introducing Amphiphilicity to Noble Metal Nanoclusters via Phase-Transfer Driven Ion-Pairing Reaction. Journal of the American Chemical Society, 2015, 137, 2128-2136.	13.7	139
9	Precise control of alloying sites of bimetallic nanoclusters via surface motif exchange reaction. Nature Communications, 2017, 8, 1555.	12.8	122
10	Controllable synthesis of mesoporous TiO <sub>2</sub> spheres for effective photocatalysis. Journal of Materials Chemistry, 2011, 21, 11430.	6.7	115
11	Precursor engineering and controlled conversion for the synthesis of monodisperse thiolate-protected metal nanoclusters. Nanoscale, 2013, 5, 4606.	5.6	100
12	Presentation matters: Identity of gold nanocluster capping agent governs intracellular uptake and cell metabolism. Nano Research, 2014, 7, 805-815.	10.4	88
13	Counterion-Assisted Shaping of Nanocluster Supracrystals. Angewandte Chemie - International Edition, 2015, 54, 184-189.	13.8	81
14	Bovine Serum Albumin Protein-Templated Silver Nanocluster (BSA@Ag <sub>13</sub> ): An Effective Singlet Oxygen Generator for Photodynamic Cancer Therapy. Advanced Healthcare Materials, 2016, 5, 2528-2535.	7.6	79
15	Convenient purification of gold clusters by co-precipitation for improved sensing of hydrogen peroxide, mercury ions and pesticides. Chemical Communications, 2014, 50, 5703.	4.1	78
16	Rational Design of Biomolecular Templates for Synthesizing Multifunctional Noble Metal Nanoclusters toward Personalized Theranostic Applications. Advanced Healthcare Materials, 2016, 5, 1844-1859.	7.6	78
17	Two-Phase Synthesis of Small Thiolate-Protected Au <sub>15</sub> and Au <sub>18</sub> Nanoclusters. Small, 2013, 9, 2696-2701.	10.0	74
18	Fast Synthesis of Thiolated Au <sub>25</sub> Nanoclusters via Protection-Deprotection Method. Journal of Physical Chemistry Letters, 2012, 3, 2310-2314.	4.6	71

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19	Enhancing stability through ligand-shell engineering: A case study with Au <sub>25</sub> (SR) <sub>18</sub> nanoclusters. Nano Research, 2015, 8, 3488-3495.	10.4	66
20	Protein-based fluorescent metal nanoclusters for small molecular drug screening. Chemical Communications, 2014, 50, 13805-13808.	4.1	64
21	Tailoring the protein conformation to synthesize different-sized gold nanoclusters. Chemical Communications, 2013, 49, 9740.	4.1	59
22	Nanosilver-enhanced AIE photosensitizer for simultaneous bioimaging and photodynamic therapy. Materials Chemistry Frontiers, 2020, 4, 3074-3085.	5.9	55
23	Decoupling the CO-Reduction Protocol to Generate Luminescent Au <sub>22</sub> (SR) <sub>18</sub> Nanocluster. Journal of Physical Chemistry C, 2015, 119, 10910-10918.	3.1	40
24	Properties of Bi <sub>2</sub> O <sub>3</sub> thin films prepared via a modified Pechini route. Current Applied Physics, 2010, 10, 1372-1377.	2.4	34
25	Traveling through the Desalting Column Spontaneously Transforms Thiolated Ag Nanoclusters from Nonluminescent to Highly Luminescent. Journal of Physical Chemistry Letters, 2013, 4, 1811-1815.	4.6	31
26	Locked Nucleic Acid Gappers and Conjugates Potently Silence ADAM33, an Asthma-Associated Metalloprotease with Nuclear-Localized mRNA. Molecular Therapy - Nucleic Acids, 2017, 8, 158-168.	5.1	25
27	Solvent Controls the Formation of Au <sub>29</sub> (SR) <sub>20</sub> Nanoclusters in the CO-Reduction Method. Particle and Particle Systems Characterization, 2014, 31, 652-656.	2.3	22
28	The Innermost Three Gold Atoms Are Indispensable To Maintain the Structure of the Au <sub>18</sub> (SR) <sub>14</sub> Cluster. Journal of Physical Chemistry C, 2016, 120, 22096-22102.	3.1	22
29	Protein-protected gold/silver alloy nanoclusters in metal-enhanced singlet oxygen generation and their correlation with photoluminescence. Materials Science and Engineering C, 2020, 109, 110525.	7.3	19
30	Establishing empirical design rules of nucleic acid templates for the synthesis of silver nanoclusters with tunable photoluminescence and functionalities towards targeted bioimaging applications. Nanoscale Advances, 2020, 2, 3921-3932.	4.6	18
31	Promotion of reversible Li <sup>+</sup> storage in transition metal dichalcogenides by Ag nanoclusters. NPG Asia Materials, 2016, 8, e247-e247.	7.9	16
32	Molecular Design of Bioinspired Nanostructures for Biomedical Applications: Synthesis, Self-Assembly and Functional Properties. Journal of Molecular and Engineering Materials, 2016, 04, 1640003.	1.8	13
33	Biomimicking synthesis of photoluminescent molecular lantern catalyzed by in-situ formation of nanogold catalysts. Materials Science and Engineering C, 2017, 77, 1111-1116.	7.3	10
34	Photon-upconverters for blue organic light-emitting diodes: a low-cost, sky-blue example. Nanoscale Advances, 2022, 4, 1318-1323.	4.6	6
35	A Rapid and Quantitative Fluorimetric Method for Protein-Targeting Small Molecule Drug Screening. Journal of Visualized Experiments, 2015, , e53261.	0.3	5
36	Controlled Synthesis and Up-Conversion Emission of Rare-Earth Tri-Doped NaYF <sub>4</sub> Nanocrystals Under Femtosecond-Laser Excitation. Journal of Nanoscience and Nanotechnology, 2011, 11, 7700-7708.	0.9	2