

# Anindita Das

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

4,174  
citations

331259

21  
h-index

642321

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2864  
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal Structure and Optical Properties of a Chiral Mixed Thiolate/Stibine-Protected Au <sub>18</sub> Cluster. Journal of the American Chemical Society, 2022, 144, 478-484.	6.6	19
2	Engineering reversible isomerization at the nanoscale via intermolecular interactions. Chem, 2021, 7, 1985-1987.	5.8	2
3	Particle analogs of electrons in colloidal crystals. Science, 2019, 364, 1174-1178.	6.0	91
4	Molecular-Scale Ligand Effects in Small Gold-Thiolate Nanoclusters. Journal of the American Chemical Society, 2018, 140, 15430-15436.	6.6	90
5	Glomerular barrier behaves as an atomically precise bandpass filter in a sub-nanometre regime. Nature Nanotechnology, 2017, 12, 1096-1102.	15.6	408
6	Highly efficient three-component coupling reaction catalysed by atomically precise ligand-protected Au <sub>38</sub> (SC <sub>2</sub> H <sub>4</sub> Ph) <sub>24</sub> nanoclusters. Chemical Communications, 2016, 52, 14298-14301.	2.2	47
7	Mechanistic insights from atomically precise gold nanocluster-catalyzed reduction of 4-nitrophenol. Progress in Natural Science: Materials International, 2016, 26, 483-486.	1.8	29
8	Isomerism in Au <sub>28</sub> (SR) <sub>20</sub> Nanocluster and Stable Structures. Journal of the American Chemical Society, 2016, 138, 1482-1485.	6.6	246
9	Heavily doped Au <sub>25</sub> Ag <sub>x</sub> (SC <sub>6</sub> H <sub>11</sub> ) <sub>18</sub> nanoclusters: silver goes from the core to the surface. Chemical Communications, 2016, 52, 5194-5197.	2.2	108
10	Structure Determination of [Au <sub>18</sub> (SR) <sub>14</sub> ]. Angewandte Chemie - International Edition, 2015, 54, 3140-3144.	7.2	213
11	Structure Determination of [Au <sub>18</sub> (SR) <sub>14</sub> ]. Angewandte Chemie, 2015, 127, 3183-3187.	1.6	56
12	Tri-icosahedral Gold Nanocluster [Au <sub>37</sub> (PPh <sub>3</sub> ) <sub>10</sub> (SC <sub>2</sub> H <sub>4</sub> Ph) <sub>10</sub> X <sub>2</sub> ] <sup>+</sup> /Linear Assembly of Icosahedral Building Blocks. ACS Nano, 2015, 9, 8530-8536.	7.2	165
13	Transformation Chemistry of Gold Nanoclusters: From One Stable Size to Another. Journal of Physical Chemistry Letters, 2015, 6, 2976-2986.	2.1	205
14	A 200-fold Quantum Yield Boost in the Photoluminescence of Silver-Doped Ag <sub>x</sub> Au <sub>25</sub> Nanoclusters: The 13th Silver Atom Matters. Angewandte Chemie - International Edition, 2014, 53, 2376-2380.	7.2	501
15	Crystal structure and electronic properties of a thiolate-protected Au <sub>24</sub> nanocluster. Nanoscale, 2014, 6, 6458.	2.8	237
16	Cyclopentanethiolato-Protected Au <sub>36</sub> (SC <sub>5</sub> H <sub>9</sub> ) <sub>24</sub> Nanocluster: Crystal Structure and Implications for the Steric and Electronic Effects of Ligand. Journal of Physical Chemistry A, 2014, 118, 8264-8269.	1.1	101
17	Chiral Structure of Thiolate-Protected 28-Gold-Atom Nanocluster Determined by X-ray Crystallography. Journal of the American Chemical Society, 2013, 135, 10011-10013.	6.6	530
18	Nonsuperatomic [Au <sub>23</sub> (SC <sub>6</sub> H <sub>11</sub> ) <sub>16</sub> ] <sup>+</sup> Nanocluster Featuring Bipyramidal Au <sub>15</sub> Kernel and Trimeric Au <sub>3</sub> (SR) <sub>4</sub> Motif. Journal of the American Chemical Society, 2013, 135, 18264-18267.	6.6	321

#	ARTICLE	IF	CITATIONS
19	Total Structure and Optical Properties of a Phosphine/Thiolate-Protected Au <sub>24</sub> Nanocluster. Journal of the American Chemical Society, 2012, 134, 20286-20289.	6.6	201
20	Monoplatinum Doping of Gold Nanoclusters and Catalytic Application. Journal of the American Chemical Society, 2012, 134, 16159-16162.	6.6	444
21	Synthesis and characterization of poly-l-lysine grafted SBA-15 using NCA polymerization and click chemistry. Journal of Materials Chemistry, 2011, 21, 6690.	6.7	27
22	Comparison of the Catalytic Properties of 25-Atom Gold Nanospheres and Nanorods. Chinese Journal of Catalysis, 2011, 32, 1149-1155.	6.9	35