

# Zibao Gan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6632418/publications.pdf>

Version: 2024-02-01

25  
papers

1,136  
citations

687363

13  
h-index

713466

21  
g-index

26  
all docs

26  
docs citations

26  
times ranked

760  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery, Mechanism, and Application of Antigalvanic Reaction. <i>Accounts of Chemical Research</i> , 2018, 51, 2774-2783.	15.6	227
2	Fluorescent Gold Nanoclusters with Interlocked Staples and a Fully Thiolate-Bound Kernel. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11567-11571.	13.8	159
3	The fourth crystallographic closest packing unveiled in the gold nanocluster crystal. <i>Nature Communications</i> , 2017, 8, 14739.	12.8	151
4	A Dual Purpose Strategy to Endow Gold Nanoclusters with Both Catalysis Activity and Water Solubility. <i>Journal of the American Chemical Society</i> , 2020, 142, 973-977.	13.7	109
5	Kernel Tuning and Nonuniform Influence on Optical and Electrochemical Gaps of Bimetal Nanoclusters. <i>Journal of the American Chemical Society</i> , 2018, 140, 3487-3490.	13.7	81
6	Fcc versus Non-fcc Structural Isomerism of Gold Nanoparticles with Kernel Atom Packing Dependent Photoluminescence. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4510-4514.	13.8	59
7	Alternating Array Stacking of Ag <sub>26</sub> Au and Ag <sub>24</sub> Au Nanoclusters. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9897-9901.	13.8	58
8	Surface Single-Atom Tailoring of a Gold Nanoparticle. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 204-208.	4.6	51
9	Traceless Removal of Two Kernel Atoms in a Gold Nanocluster and Its Impact on Photoluminescence. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8668-8672.	13.8	43
10	Fluorescent Gold Nanoclusters with Interlocked Staples and a Fully Thiolate-Bound Kernel. <i>Angewandte Chemie</i> , 2016, 128, 11739-11743.	2.0	42
11	Distance makes a difference in crystalline photoluminescence. <i>Nature Communications</i> , 2020, 11, 5572.	12.8	37
12	Synthesizing Photoluminescent Au <sub>28</sub> (SCH <sub>2</sub> Ph) <sub>22</sub> Bu <sub>22</sub> Nanoclusters with Structural Features by Using a Combined Method. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17932-17936.	13.8	30
13	Kernel Homology in Gold Nanoclusters. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15450-15454.	13.8	26
14	Unravelling the Structure of a Medium-Sized Metalloid Gold Nanocluster and its Filming Property. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11184-11189.	13.8	14
15	Kernel Homology in Gold Nanoclusters. <i>Angewandte Chemie</i> , 2018, 130, 15676-15680.	2.0	10
16	Fcc versus Non-fcc Structural Isomerism of Gold Nanoparticles with Kernel Atom Packing Dependent Photoluminescence. <i>Angewandte Chemie</i> , 2019, 131, 4558-4562.	2.0	9
17	Alternating Array Stacking of Ag <sub>26</sub> Au and Ag <sub>24</sub> Au Nanoclusters. <i>Angewandte Chemie</i> , 2019, 131, 10002-10006.	2.0	8
18	Compression-Driven Internanocluster Reaction for Synthesis of Unconventional Gold Nanoclusters. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12253-12257.	13.8	8

#	ARTICLE	IF	CITATIONS
19	Traceless Removal of Two Kernel Atoms in a Gold Nanocluster and Its Impact on Photoluminescence. <i>Angewandte Chemie</i> , 2021, 133, 8750-8754.	2.0	7
20	Synthesizing Photoluminescent Au <sub>28</sub> (SCH <sub>2</sub> Ph) <sup>t</sup> Bu <sub>22</sub> Nanoclusters with Structural Features by Using a Combined Method. <i>Angewandte Chemie</i> , 2021, 133, 18076-18080.	2.0	5
21	Unravelling the Structure of a Medium-Sized Metalloid Gold Nanocluster and its Filming Property. <i>Angewandte Chemie</i> , 2021, 133, 11284-11289.	2.0	2
22	Innentitelbild: Fcc versus Non-fcc Structural Isomerism of Gold Nanoparticles with Kernel Atom Packing Dependent Photoluminescence ( <i>Angew. Chem.</i> 14/2019). <i>Angewandte Chemie</i> , 2019, 131, 4460-4460.	2.0	0
23	Frontispiz: Traceless Removal of Two Kernel Atoms in a Gold Nanocluster and Its Impact on Photoluminescence. <i>Angewandte Chemie</i> , 2021, 133, .	2.0	0
24	Compression-Driven Internanocluster Reaction for Synthesis of Unconventional Gold Nanoclusters. <i>Angewandte Chemie</i> , 2021, 133, 12361-12365.	2.0	0
25	Frontispiece: Traceless Removal of Two Kernel Atoms in a Gold Nanocluster and Its Impact on Photoluminescence. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	13.8	0