

# Tingge Gao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9436661/publications.pdf>

Version: 2024-02-01

16  
papers

868  
citations

1039406

9  
h-index

996533

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1108  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of non-Hermitian degeneracies in a chaotic exciton-polariton billiard. <i>Nature</i> , 2015, 526, 554-558.	13.7	422
2	Sculpting oscillators with light within a nonlinear quantum fluid. <i>Nature Physics</i> , 2012, 8, 190-194.	6.5	191
3	Chiral Modes at Exceptional Points in Exciton-Polariton Quantum Fluids. <i>Physical Review Letters</i> , 2018, 120, 065301.	2.9	59
4	Enhanced Directional Emission from Monolayer WSe <sub>2</sub> Integrated onto a Multiresonant Silicon-Based Photonic Structure. <i>ACS Photonics</i> , 2017, 4, 3031-3038.	3.2	38
5	Dynamics of a polariton condensate transistor switch. <i>Applied Physics Letters</i> , 2012, 101, .	1.5	36
6	Controlled Ordering of Topological Charges in an Exciton-Polariton Chain. <i>Physical Review Letters</i> , 2018, 121, 225302.	2.9	28
7	Efficient Bosonic Condensation of Exciton Polaritons in an H-Aggregate Organic Single-Crystal Microcavity. <i>Nano Letters</i> , 2020, 20, 7550-7557.	4.5	23
8	Manipulating polariton condensates by Rashba-Dresselhaus coupling at room temperature. <i>Nature Communications</i> , 2022, 13, .	5.8	22
9	Revealing Excitonic and Electron-Hole Plasma States in Stimulated Emission of Single $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \text{Cs} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{Pb} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{Br} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle$ Nanowires at Room Temperature. <i>Physical Review Applied</i> , 2020, 13, .	1.5	19
10	Switching Off a Microcavity Polariton Condensate near the Exceptional Point. <i>ACS Photonics</i> , 2022, 9, 2079-2086.	3.2	9
11	Room temperature exciton-polaritons in high-quality 2D Ruddlesden-Popper perovskites (BA) <sub>2</sub> (MA) <sub>n-1</sub> Pb <sub>n</sub> I <sub>3n+1</sub> (n = 3, 4). <i>Applied Physics Letters</i> , 2020, 117, .	1.5	7
12	Controllable high-speed polariton waves in a PT-symmetric lattice. <i>New Journal of Physics</i> , 2019, 21, 123008.	1.2	5
13	Spiraling vortices in exciton-polariton condensates. <i>Physical Review B</i> , 2020, 102, .	1.1	4
14	Localization of anisotropic exciton polariton condensates in perovskite microcavities. <i>Applied Physics Letters</i> , 2022, 120, 011104.	1.5	4
15	Spin splitting in a MoS <sub>2</sub> monolayer induced by exciton interaction. <i>Physical Review B</i> , 2020, 101, .	1.1	1
16	Enhanced and directional photoluminescence from doubly-resonant WSe <sub>2</sub> -Si hybrid structure. , 2017, , .		0