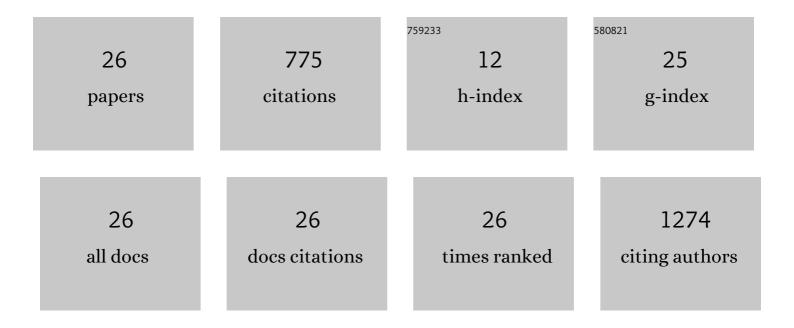
## **Renyan Zhang**

List of Publications by Year in descending order

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Ρεννάνι Ζηλνίς

#	Article	IF	CITATIONS
1	Anisotropic in-plane thermal conductivity for multi-layer WTe2. Nano Research, 2022, 15, 401-407.	10.4	12
2	Emerging Longâ€Range Order from a Freeform Disordered Metasurface. Advanced Materials, 2022, 34, e2108709.	21.0	33
3	Breaking the Cutâ€Off Wavelength Limit of GaTe through Selfâ€Driven Oxygen Intercalation in Air. Advanced Science, 2022, 9, e2103429.	11.2	5
4	Metasurface spatiotemporal dynamics and asymmetric photonic spin-orbit interactions mediated vector-polarization optical chaos. Physical Review Research, 2021, 3, .	3.6	13
5	Topology-optimized catenary-like metasurface for wide-angle and high-efficiency deflection: from a discrete to continuous geometric phase. Optics Express, 2021, 29, 10181.	3.4	33
6	Tunable nonlinear optical responses of few-layer graphene through lithium intercalation. Nanophotonics, 2021, 10, 2661-2669.	6.0	6
7	Conformal Self-Assembly of Nanospheres for Light-Enhanced Airtightness Monitoring and Room-Temperature Gas Sensing. Nanomaterials, 2021, 11, 1829.	4.1	0
8	Graphene-Based Tunable Coloration Film through Intercalation. ACS Photonics, 2021, 8, 3599-3606.	6.6	3
9	Tunable anisotropic plasmon response of monolayer GeSe nanoribbon arrays. Nanoscale, 2020, 12, 16762-16769.	5.6	8
10	Inversion Symmetry Breaking in Lithium Intercalated Graphitic Materials. ACS Applied Materials & Interfaces, 2020, 12, 28561-28567.	8.0	9
11	Thickness-Independent Energy Dissipation in Graphene Electronics. ACS Applied Materials & Interfaces, 2020, 12, 17706-17712.	8.0	13
12	Ultrafast fiber lasers mode-locked by two-dimensional materials: review and prospect. Photonics Research, 2020, 8, 78.	7.0	242
13	In-plane anisotropy in twisted bilayer graphene probed by Raman spectroscopy. Nanotechnology, 2019, 30, 435702.	2.6	11
14	Bolometric Effect in Bi <sub>2</sub> O <sub>2</sub> Se Photodetectors. Small, 2019, 15, e1904482.	10.0	68
15	Twist-angle modulation of exciton absorption in MoS2/graphene heterojunctions. Applied Physics Letters, 2019, 115, 181901.	3.3	8
16	Tunable Infrared Emissivity in Multilayer Graphene by Ionic Liquid Intercalation. Nanomaterials, 2019, 9, 1096.	4.1	36
17	Interlayer Difference of Bilayer-Stacked MoS2 Structure: Probing by Photoluminescence and Raman Spectroscopy. Nanomaterials, 2019, 9, 796.	4.1	9
18	Tunable photoluminescence of bilayer MoS2 via interlayer twist. Optical Materials, 2019, 94, 213-216.	3.6	17

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#	Article	IF	CITATIONS
19	Controlled surface oxidation of HfSe2 via oxygen-plasma treatment. Materials Letters, 2019, 243, 96-99.	2.6	12
20	Near-Infrared Photoelectric Properties of Multilayer Bi2O2Se Nanofilms. Nanoscale Research Letters, 2019, 14, 371.	5.7	31
21	Mie resonance induced broadband near-perfect absorption in nonstructured graphene loaded with periodical dielectric wires. Optics Express, 2018, 26, 20174.	3.4	21
22	Photoluminescence evolution in WS2 via optical irradiation and substrate interactions. Optical Materials, 2018, 85, 8-13.	3.6	3
23	Controlled Layer-by-Layer Oxidation of MoTe <sub>2</sub> via O <sub>3</sub> Exposure. ACS Applied Materials & Interfaces, 2018, 10, 30045-30050.	8.0	49
24	Tunable photoresponse with small drain voltage in few-layer graphene–WSe2 heterostructures. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 2575-2579.	2.1	3
25	Superconductivity in Potassium-Doped Metallic Polymorphs of MoS <sub>2</sub> . Nano Letters, 2016, 16, 629-636.	9.1	129
26	Photocurrent imaging of CdS/Al interfaces based on microscopic analysis. Applied Optics, 2013, 52, 5230.	1.8	1