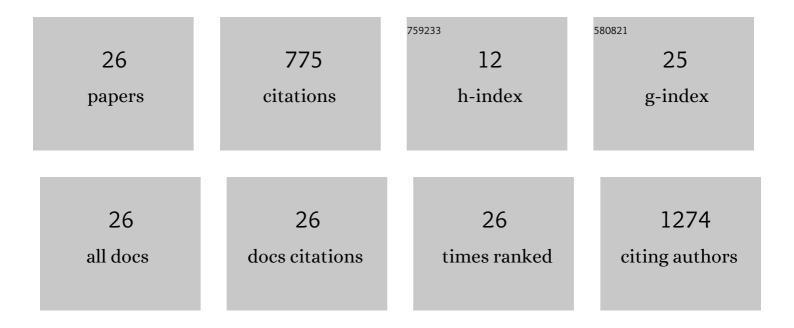
Renyan Zhang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/933080/publications.pdf Version: 2024-02-01



RENVAN ZHANC

#	Article	IF	CITATIONS
1	Ultrafast fiber lasers mode-locked by two-dimensional materials: review and prospect. Photonics Research, 2020, 8, 78.	7.0	242
2	Superconductivity in Potassium-Doped Metallic Polymorphs of MoS ₂ . Nano Letters, 2016, 16, 629-636.	9.1	129
3	Bolometric Effect in Bi ₂ 0 ₂ Se Photodetectors. Small, 2019, 15, e1904482.	10.0	68
4	Controlled Layer-by-Layer Oxidation of MoTe ₂ via O ₃ Exposure. ACS Applied Materials & Interfaces, 2018, 10, 30045-30050.	8.0	49
5	Tunable Infrared Emissivity in Multilayer Graphene by Ionic Liquid Intercalation. Nanomaterials, 2019, 9, 1096.	4.1	36
6	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
7	Emerging Longâ€Range Order from a Freeform Disordered Metasurface. Advanced Materials, 2022, 34, e2108709.	21.0	33
8	Near-Infrared Photoelectric Properties of Multilayer Bi2O2Se Nanofilms. Nanoscale Research Letters, 2019, 14, 371.	5.7	31
9	Mie resonance induced broadband near-perfect absorption in nonstructured graphene loaded with periodical dielectric wires. Optics Express, 2018, 26, 20174.	3.4	21
10	Tunable photoluminescence of bilayer MoS2 via interlayer twist. Optical Materials, 2019, 94, 213-216.	3.6	17
11	Thickness-Independent Energy Dissipation in Graphene Electronics. ACS Applied Materials & Interfaces, 2020, 12, 17706-17712.	8.0	13
12	Metasurface spatiotemporal dynamics and asymmetric photonic spin-orbit interactions mediated vector-polarization optical chaos. Physical Review Research, 2021, 3, .	3.6	13
13	Controlled surface oxidation of HfSe2 via oxygen-plasma treatment. Materials Letters, 2019, 243, 96-99.	2.6	12
14	Anisotropic in-plane thermal conductivity for multi-layer WTe2. Nano Research, 2022, 15, 401-407.	10.4	12
15	In-plane anisotropy in twisted bilayer graphene probed by Raman spectroscopy. Nanotechnology, 2019, 30, 435702.	2.6	11
16	Interlayer Difference of Bilayer-Stacked MoS2 Structure: Probing by Photoluminescence and Raman Spectroscopy. Nanomaterials, 2019, 9, 796.	4.1	9
17	Inversion Symmetry Breaking in Lithium Intercalated Graphitic Materials. ACS Applied Materials & Interfaces, 2020, 12, 28561-28567.	8.0	9
18	Twist-angle modulation of exciton absorption in MoS2/graphene heterojunctions. Applied Physics Letters, 2019, 115, 181901.	3.3	8

RENYAN ZHANG

#	Article	IF	CITATIONS
19	Tunable anisotropic plasmon response of monolayer GeSe nanoribbon arrays. Nanoscale, 2020, 12, 16762-16769.	5.6	8
20	Tunable nonlinear optical responses of few-layer graphene through lithium intercalation. Nanophotonics, 2021, 10, 2661-2669.	6.0	6
21	Breaking the Cutâ€Off Wavelength Limit of GaTe through Selfâ€Driven Oxygen Intercalation in Air. Advanced Science, 2022, 9, e2103429.	11.2	5
22	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
23	Photoluminescence evolution in WS2 via optical irradiation and substrate interactions. Optical Materials, 2018, 85, 8-13.	3.6	3
24	Graphene-Based Tunable Coloration Film through Intercalation. ACS Photonics, 2021, 8, 3599-3606.	6.6	3
25	Photocurrent imaging of CdS/Al interfaces based on microscopic analysis. Applied Optics, 2013, 52, 5230.	1.8	1
26	Conformal Self-Assembly of Nanospheres for Light-Enhanced Airtightness Monitoring and Room-Temperature Gas Sensing. Nanomaterials, 2021, 11, 1829.	4.1	0