

Abdullah Rasmita

List of Publications by Year in descending order

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17
papers

1,734
citations

687363

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940533

16
g-index

17
all docs

17
docs citations

17
times ranked

2637
citing authors

#	ARTICLE	IF	CITATIONS
1	Chiral-perovskite optoelectronics. Nature Reviews Materials, 2020, 5, 423-439.	48.7	445
2	Spin control in reduced-dimensional chiral perovskites. Nature Photonics, 2018, 12, 528-533.	31.4	371
3	Direct Photoluminescence Probing of Ferromagnetism in Monolayer Two-Dimensional CrBr ₃ . Nano Letters, 2019, 19, 3138-3142.	9.1	265
4	Room temperature nanocavity laser with interlayer excitons in 2D heterostructures. Science Advances, 2019, 5, eaav4506.	10.3	108
5	Microsecond dark-exciton valley polarization memory in two-dimensional heterostructures. Nature Communications, 2018, 9, 753.	12.8	96
6	Room temperature solid-state quantum emitters in the telecom range. Science Advances, 2018, 4, eaar3580.	10.3	91
7	Bright room temperature single photon source at telecom range in cubic silicon carbide. Nature Communications, 2018, 9, 4106.	12.8	91
8	Theoretical Prediction of Chiral 3D Hybrid Organic-Inorganic Perovskites. Advanced Materials, 2019, 31, e1807628.	21.0	64
9	Coherent control of a strongly driven silicon vacancy optical transition in diamond. Nature Communications, 2017, 8, 14451.	12.8	57
10	Zeeman splitting via spin-valley-layer coupling in bilayer MoTe ₂ . Nature Communications, 2017, 8, 802.	12.8	56
11	Opto-valleytronics in the 2D van der Waals heterostructure. Nano Research, 2021, 14, 1901-1911.	10.4	25
12	Layer-engineered interlayer excitons. Science Advances, 2021, 7, .	10.3	22
13	A room-temperature gate-tunable bipolar valley Hall effect in molybdenum disulfide/tungsten diselenide heterostructures. Nature Electronics, 2022, 5, 23-27.	26.0	16
14	Optical spin pumping induced pseudomagnetic field in two-dimensional heterostructures. Physical Review B, 2018, 98, .	3.2	10
15	Tunable geometric photocurrent in van der Waals heterostructure. Optica, 2020, 7, 1204.	9.3	9
16	Optically Driven Giant Superbunching from a Single Perovskite Quantum Dot. Advanced Optical Materials, 0, , 2100879.	7.3	4
17	Room-Temperature Solid-State Quantum Emitters in the Telecom Range. Advanced Quantum Technologies, 2021, 4, 2100076.	3.9	4