

Abdullah Rasmita

List of Publications by Year in descending order

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17
papers

1,734
citations

687363

13
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

2637
citing authors

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