

Sean M Oliver

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

171
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

369
citing authors

#	ARTICLE	IF	CITATIONS
1	The structural phases and vibrational properties of Mo _{1-x} W _x Te ₂ alloys. 2D Materials, 2017, 4, 045008.	4.4	65
2	DNA Origami Chromophore Scaffold Exploiting HomoFRET Energy Transport to Create Molecular Photonic Wires. ACS Applied Nano Materials, 2020, 3, 3323-3336.	5.0	24
3	Phonons and excitons in ZrSe ₂ and ZrS ₂ alloys. Journal of Materials Chemistry C, 2020, 8, 5732-5743.	5.5	22
4	Growth Kinetics and Atomistic Mechanisms of Native Oxidation of ZrS ₂ Se ₂ and MoS ₂ Crystals. Nano Letters, 2020, 20, 8592-8599.	9.1	16
5	Increased Transfer Efficiency from Molecular Photonic Wires on Solid Substrates and Cryogenic Conditions. Journal of Physical Chemistry Letters, 2018, 9, 3654-3659.	4.6	13
6	Quantum point contacts and resistive switching in Ni/NiO nanowire junctions. Applied Physics Letters, 2016, 109, .	3.3	12
7	Valley phenomena in the candidate phase change material WSe ₂ (1-x)Te ₂ x. Communications Physics, 2020, 3, .	5.3	10
8	Chemical vapor transport synthesis, characterization and compositional tuning of ZrS _x Se _{2-x} for optoelectronic applications. Journal of Crystal Growth, 2020, 542, 125609.	1.5	7
9	Valley phenomena in the candidate phase change material WSeTe. Communications Physics, 2020, 3, .	5.3	1
10	Improving Transfer Efficiency of Molecular Photonic Wires on DNA Scaffolds. , 2018, , .		0