

Anshul Kogar

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

935
citations

840776

11
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

1490
citing authors

#	ARTICLE	IF	CITATIONS
1	Signatures of exciton condensation in a transition metal dichalcogenide. <i>Science</i> , 2017, 358, 1314-1317.	12.6	307
2	Light-induced charge density wave in LaTe3. <i>Nature Physics</i> , 2020, 16, 159-163.	16.7	157
3	Evidence for topological defects in a photoinduced phase transition. <i>Nature Physics</i> , 2019, 15, 27-31.	16.7	128
4	Spontaneous gyrotropic electronic order in a transition-metal dichalcogenide. <i>Nature</i> , 2020, 578, 545-549.	27.8	80
5	Ultrafast manipulation of mirror domain walls in a charge density wave. <i>Science Advances</i> , 2018, 4, eaau5501.	10.3	70
6	Dynamical Slowing-Down in an Ultrafast Photoinduced Phase Transition. <i>Physical Review Letters</i> , 2019, 123, 097601.	7.8	50
7	Measurement of the dynamic charge response of materials using low-energy, momentum-resolved electron energy-loss spectroscopy (M-EELS). <i>SciPost Physics</i> , 2017, 3, .	4.9	48
8	Light-induced dimension crossover dictated by excitonic correlations. <i>Nature Communications</i> , 2022, 13, 963.	12.8	23
9	Amplitude dynamics of the charge density wave in LaTe3 : Theoretical description of pump-probe experiments. <i>Physical Review B</i> , 2020, 101, .	3.2	19
10	Role of Equilibrium Fluctuations in Light-Induced Order. <i>Physical Review Letters</i> , 2021, 127, 227401.	7.8	16
11	Second harmonic generation as a probe of broken mirror symmetry. <i>Physical Review B</i> , 2020, 101, .	3.2	14
12	Unconventional light-induced states visualized by ultrafast electron diffraction and microscopy. <i>MRS Bulletin</i> , 2021, 46, 720-730.	3.5	12
13	Reexamination of the effective fine structure constant of graphene as measured in graphite. <i>Physical Review B</i> , 2016, 93, .	3.2	11
14	Stay just a little bit longer. <i>Nature Physics</i> , 2021, 17, 553-554.	16.7	0
15	Snapshots of a light-triggered transition. <i>Science</i> , 2021, 371, 341-342.	12.6	0