

Alfred Zong

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

730
citations

687363

13
h-index

839539

18
g-index

25
all docs

25
docs citations

25
times ranked

1076
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-induced charge density wave in LaTe3. Nature Physics, 2020, 16, 159-163.	16.7	157
2	Evidence for topological defects in a photoinduced phase transition. Nature Physics, 2019, 15, 27-31.	16.7	128
3	Spontaneous gyrotropic electronic order in a transition-metal dichalcogenide. Nature, 2020, 578, 545-549.	27.8	80
4	Ultrafast manipulation of mirror domain walls in a charge density wave. Science Advances, 2018, 4, eaau5501.	10.3	70
5	Invited Article: High resolution angle resolved photoemission with tabletop 11 eV laser. Review of Scientific Instruments, 2016, 87, 011301.	1.3	51
6	Dynamical Slowing-Down in an Ultrafast Photoinduced Phase Transition. Physical Review Letters, 2019, 123, 097601.	7.8	50
7	High resolution time- and angle-resolved photoemission spectroscopy with 11 eV laser pulses. Review of Scientific Instruments, 2020, 91, 043102.	1.3	32
8	Self-similar dynamics of order parameter fluctuations in pump-probe experiments. Physical Review B, 2020, 101, .	3.2	27
9	Light-induced dimension crossover dictated by excitonic correlations. Nature Communications, 2022, 13, 963.	12.8	23
10	Amplitude dynamics of the charge density wave in LaTe3 : Theoretical description of pump-probe experiments. Physical Review B, 2020, 101, .	3.2	19
11	Role of Equilibrium Fluctuations in Light-Induced Order. Physical Review Letters, 2021, 127, 227401.	7.8	16
12	Polarization-Resolved Extreme-Ultraviolet Second-Harmonic Generation from LiNbO_3 . Physical Review Letters, 2021, 127, 237402.	7.8	15
13	Second harmonic generation as a probe of broken mirror symmetry. Physical Review B, 2020, 101, .	3.2	14
14	Unconventional Hysteretic Transition in a Charge Density Wave. Physical Review Letters, 2022, 128, 036401.	7.8	14
15	Unconventional light-induced states visualized by ultrafast electron diffraction and microscopy. MRS Bulletin, 2021, 46, 720-730.	3.5	12
16	Large thermopower from dressed quasiparticles in the layered cobaltates and rhodates. Physical Review B, 2017, 96, .	3.2	11
17	A versatile sample fabrication method for ultrafast electron diffraction. Ultramicroscopy, 2021, 230, 113389.	1.9	10
18	Ultrafast Sciences in Quantum Materials. Springer Theses, 2021, , 1-36.	0.1	1

#	ARTICLE	IF	CITATIONS
19	Dynamical Slowing-Down in an Ultrafast Transition. Springer Theses, 2021, , 125-147.	0.1	0
20	Charge Density Waves. Springer Theses, 2021, , 37-68.	0.1	0
21	Phase Competition Out of Equilibrium. Springer Theses, 2021, , 171-191.	0.1	0
22	Light-Induced Charge Density Wave in LaTe3. Springer Theses, 2021, , 149-169.	0.1	0
23	Ultrafast Manipulation of Mirror Domains in 1T-TaS2. Springer Theses, 2021, , 193-216.	0.1	0
24	10.1063/1.5139556.1. , 2020, , .		0