

Carsten Habenicht

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

315
citations

1162367

8
h-index

996533

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16
all docs

16
docs citations

16
times ranked

691
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning the electronic structure of the trichloride honeycomb lattice by transition metal substitution. <i>Physical Review Materials</i> , 2022, 6, .	0.9	3
2	Spectromicroscopic measurements of electronic structure variations in atomically thin WSe ₂ . <i>AIP Advances</i> , 2020, 10, 095027.	0.6	0
3	Investigation of potassium-intercalated bulk MoS_2 transmission electron energy-loss spectroscopy. <i>Physical Review B</i> , 2020, 101, .		
4	Potassium-intercalated bulk HfS_2 and HfSe_2 : Phase stability, structure, and electronic structure. <i>Physical Review Materials</i> , 2020, 4, .	0.9	6
5	Nonlocal dielectric function and nested dark excitons in MoS ₂ . <i>Npj 2D Materials and Applications</i> , 2019, 3, .	3.9	8
6	Investigation of indirect excitons in bulk 2H-MoS_2 using transmission electron energy-loss spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2018, 30, 205502.	0.7	5
7	Direct observation of the lowest indirect exciton state in the bulk of hexagonal boron nitride. <i>Physical Review B</i> , 2018, 97, .	1.1	36
8	Mapping of the energetically lowest exciton in bulk MoS_2 . <i>Physical Review B</i> , 2018, 98, .		
9	Semiconductor-to-metal transition in the bulk of WSe_2 upon potassium intercalation. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 165502.	0.7	6
10	Nearest-neighbor Kitaev exchange blocked by charge order in electron-doped HfS_2 . <i>Physical Review Materials</i> , 2017, 1, .	0.9	9
11	Negative plasmon dispersion in 2H-NbS_2 beyond the charge-density-wave interpretation. <i>New Journal of Physics</i> , 2016, 18, 103050.	1.2	10
12	Doping dependent plasmon dispersion in 2H-NbS_2 metal dichalcogenides. <i>Physical Review B</i> , 2016, 94, .		
13	Description of the Honeycomb Mott Insulator RuCl_3 . <i>Physical Review Letters</i> , 2016, 117, 126402.	2.9	83
14	Investigation of the dispersion and the effective masses of excitons in bulk HfS_2 transmission electron energy-loss spectroscopy. <i>Physical Review B</i> , 2015, 91, .	1.1	26
15	Anisotropic Particle-Hole Excitations in Black Phosphorus. <i>Physical Review Letters</i> , 2015, 115, 026404.	2.9	75
16	Controlling electron beam-induced structure modifications and cation exchange in cadmium sulfide-copper sulfide heterostructured nanorods. <i>Ultramicroscopy</i> , 2013, 134, 207-213.	0.8	13