

Bryan Voigt

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

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1307594

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1474206

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12
docs citations

12
times ranked

262
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical mechanism of ionic-liquid gating in antiferromagnetic Mott-insulating NiS_2 single crystals. Physical Review Materials, 2022, 6, .		
2	Mitigation of the internal p-n junction in CoS_2 -contacted FeS_2 single crystals: Accessing bulk semiconducting transport. Physical Review Materials, 2021, 5, .	2.4	4
3	Conduction via surface states in antiferromagnetic Mott-insulating NiS_2 single crystals. Physical Review Materials, 2021, 5, .	2.4	6
4	Voltage-induced ferromagnetism in a diamagnet. Science Advances, 2020, 6, eabb7721.	10.3	34
5	Sulfur Vacancy Clustering and Its Impact on Electronic Properties in Pyrite FeS_2 . Chemistry of Materials, 2020, 32, 4820-4831.	6.7	21
6	Observation of an Internal n Junction in Pyrite FeS_2 Single Crystals: Potential Origin of the Low Open Circuit Voltage in Pyrite Solar Cells. , 2020, 2, 861-868.		18
7	Carrier-gas assisted vapor deposition for highly tunable morphology of halide perovskite thin films. Sustainable Energy and Fuels, 2019, 3, 2447-2455.	4.9	12
8	Transport Evidence for Sulfur Vacancies as the Origin of Unintentional n-Type Doping in Pyrite FeS_2 . ACS Applied Materials & Interfaces, 2019, 11, 15552-15563.	8.0	35
9	Changes in physical properties of 4C pyrrhotite (Fe_7S_8) across the 32 K Besnus transition. American Mineralogist, 2018, 103, 1674-1689.	1.9	8
10	Potential resolution to the doping puzzle in iron pyrite: Carrier type determination by Hall effect and thermopower. Physical Review Materials, 2017, 1, .	2.4	27
11	Surface conduction in n-type pyrite FeS_2 single crystals. Physical Review Materials, 2017, 1, .	2.4	27