

# Bryan Voigt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2063989/publications.pdf>

Version: 2024-02-01

11  
papers

192  
citations

1307594

7  
h-index

1474206

9  
g-index

12  
all docs

12  
docs citations

12  
times ranked

262  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transport Evidence for Sulfur Vacancies as the Origin of Unintentional n-Type Doping in Pyrite FeS <sub>2</sub> . ACS Applied Materials & Interfaces, 2019, 11, 15552-15563.	8.0	35
2	Voltage-induced ferromagnetism in a diamagnet. Science Advances, 2020, 6, eabb7721.	10.3	34
3	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
4	Surface conduction in $n$ -type pyrite crystals. Physical Review Materials, 2017, 1, .	2.4	27
5	Sulfur Vacancy Clustering and Its Impact on Electronic Properties in Pyrite FeS <sub>2</sub> . Chemistry of Materials, 2020, 32, 4820-4831.	6.7	21
6	Observation of an Internal $n$ Junction in Pyrite FeS <sub>2</sub> 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	Changes in physical properties of 4C pyrrhotite (Fe <sub>7</sub> S <sub>8</sub> ) across the 32 K Besnus transition. American Mineralogist, 2018, 103, 1674-1689.	1.9	8
9	Conduction via surface states in antiferromagnetic Mott-insulating NiS <sub>2</sub> single crystals. Physical Review Materials, 2021, 5, .	2.4	6
10	Mitigation of the internal $p$ - $n$ junction in $n$ -contacted CoS <sub>2</sub> single crystals: Accessing bulk semiconducting transport. Physical Review Materials, 2021, 5, .	2.4	4
11	Electrochemical mechanism of ionic-liquid gating in antiferromagnetic Mott-insulating NiS <sub>2</sub> single crystals. Physical Review Materials, 2022, 6, .	2.4	4