

Sophie F Weber

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

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citations

1307594

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1588992

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g-index

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all docs

8
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8
times ranked

344
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of sub-MeV dark matter with three-dimensional Dirac materials. Physical Review D, 2018, 97, .	4.7	142
2	Fermi-crossing Type-II Dirac fermions and topological surface states in NiTe ₂ . Scientific Reports, 2020, 10, 12957.	3.3	29
3	Half-magnetization plateau and the origin of threefold symmetry breaking in an electrically switchable triangular antiferromagnet. Physical Review Research, 2020, 2, .	3.6	14
4	Highly Tunable Magnetic Phases in Transition-Metal Dichalcogenide $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < \text{mml:mrow} < \text{mml:mrow} < \text{mml:mi} > \text{Fe} < / \text{mml:mi} > < / \text{mml:mrow} > < \text{mml:mrow} < \text{mml:mn} > 1 < / \text{mml:mn} > < \text{mml:mo} > < \text{mml:mn} > 3 < / \text{mml:mn} > < \text{mml:mo} > + < / \text{mml:mo} > < \text{mml:mi} > \hat{\Gamma} < / \text{mml:mi} > < / \text{mml:mrow} > < / \text{mml:mrow} > < / \text{mml:math} \rangle$ Physical Review X, 2022, 12, .	3.9	14
5	Origins of anisotropic transport in the electrically switchable antiferromagnet $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < \text{mml:mrow} < \text{mml:mrow} < \text{mml:mi} > \text{Fe} < / \text{mml:mi} > < / \text{mml:mrow} > < \text{mml:mrow} < \text{mml:mn} > 1 < / \text{mml:mn} > < \text{mml:mo} > < \text{mml:mn} > 3 < / \text{mml:mn} > < \text{mml:mo} > + < / \text{mml:mo} > < \text{mml:mi} > \hat{\Gamma} < / \text{mml:mi} > < / \text{mml:mrow} > < / \text{mml:mrow} > < / \text{mml:math} \rangle$ Physical Review B, 2021, 103, .	3.2	11
6	Passive intrinsic-linewidth narrowing of ultraviolet extended-cavity diode laser by weak optical feedback. Optics Express, 2014, 22, 11592.	3.4	11
7	Topological semimetal features in the multiferroic hexagonal manganites. Physical Review Materials, 2019, 3, .	2.4	9
8	Prediction of TiRhAs as a Dirac nodal line semimetal via first-principles calculations. Physical Review B, 2017, 96, .	3.2	4