

# Kent R Shirer

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

473  
citations

840776

11  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

821  
citing authors

#	ARTICLE	IF	CITATIONS
1	Second order Zeeman interaction and ferroquadrupolar order in TmVO <sub>4</sub> . Npj Quantum Materials, 2022, 7, .	5.2	7
2	Temperature dependence of quantum oscillations from non-parabolic dispersions. Nature Communications, 2021, 12, 6213.	12.8	14
3	Non-monotonic pressure dependence of high-field nematicity and magnetism in CeRhIn <sub>5</sub> . Nature Communications, 2020, 11, 3482.	12.8	9
4	A tunable stress dilatometer and measurement of the thermal expansion under uniaxial stress of Mn <sub>3</sub> Sn. Applied Physics Letters, 2020, 117, .	3.3	5
5	Spatial control of heavy-fermion superconductivity in CeIrIn <sub>5</sub> . Science, 2019, 366, 221-226.	12.6	37
6	Out-of-plane transport in ZrSiS and ZrSiSe microstructures. APL Materials, 2019, 7, 101116.	5.1	7
7	Measurements of the NMR Knight shift tensor and nonlinear magnetization in URu <sub>2</sub> Si <sub>2</sub> . Physical Review B, 2018, 97, .	3.2	5
8	Resonant torsion magnetometry in anisotropic quantum materials. Nature Communications, 2018, 9, 3975.	12.8	30
9	NMR investigation of antiferromagnetism and coherence in URu <sub>2</sub> Si <sub>2</sub> â <sup>x</sup> Px. Physical Review B, 2017, 95, .	3.2	6
10	Electronic in-plane symmetry breaking at field-tuned quantum criticality in CeRhIn <sub>5</sub> . Nature, 2017, 548, 313-317.	27.8	89
11	NMR Evidence for Inhomogeneous Nematic Fluctuations in $\text{BaFe}_{2-x}\text{P}_{x+2}\text{As}_{2}$		

#	ARTICLE	IF	CITATIONS
19	Nuclear magnetic resonance studies of pseudospin fluctuations in URu <sub>2</sub> Si <a href="https://doi.org/10.1103/PhysRevB.83.080401">https://doi.org/10.1103/PhysRevB.83.080401</a> , Physical Review B, 2011, 83, .	3.2	15
20	Long range order and two-fluid behavior in heavy electron materials. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E3067-73.	7.1	48
21	Superfluid phase stability of <sup>3</sup> He in axially anisotropic aerogel. Journal of Physics: Conference Series, 2009, 150, 032084.	0.4	2
22	Globally anisotropic high porosity silica aerogels. Journal of Non-Crystalline Solids, 2008, 354, 4668-4674.	3.1	32
23	Stability of the axial phase of superfluid <sup>3</sup> He in aerogel with globally anisotropic scattering. Physical Review B, 2008, 77, .	3.2	7