

Daniel E McNally

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

828
citations

933447

10
h-index

713466

21
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21
all docs

21
docs citations

21
times ranked

1732
citing authors

#	ARTICLE	IF	CITATIONS
1	Cuts through the manifold of molecular H ₂ O potential energy surfaces in liquid water at ambient conditions. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	2
2	Spin dynamics in NaFeAs and BaFe_2As_2 probed by resonant inelastic x-ray scattering. Physical Review B, 2021, 103, .	3.2	0.53
3	Long-ranged Cu-based order with d_{z^2} orbital character at a YBa ₂ Cu ₃ O ₇ /manganite interface. Npj Quantum Materials, 2021, 6, .	5.2	5
4	Vibrational resonant inelastic X-ray scattering in liquid acetic acid: a ruler for molecular chain lengths. Scientific Reports, 2021, 11, 4098.	3.3	7
5	Hydrogen bond effects in multimode nuclear dynamics of acetic acid observed via resonant x-ray scattering. Journal of Chemical Physics, 2021, 154, 214304.	3.0	2
6	Versatile Tunability of the Metal Insulator Transition in (TiO) ₂ m ₂ (VO) ₂ m Superlattices. Advanced Functional Materials, 2020, 30, 2004914.	14.9	4
7	Strain engineering of the charge and spin-orbital interactions in Sr ₂ IrO ₄ . Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24764-24770.	7.1	19
8	Orbital dynamics during an ultrafast insulator to metal transition. Physical Review Research, 2020, 2, .	3.6	14
9	Magnetic Contrast at Spin-Flip Excitations: An Advanced X-Ray Spectroscopy Tool to Study Magnetic-Ordering. ACS Applied Materials & Interfaces, 2019, 11, 36213-36220.	8.0	12
10	Anisotropic magnetic excitations and incipient Néel order in Ba ₂ Fe ₂ As ₂ (FeAs_2). Physical Review B, 2019, 99, .	3.2	10
11	Probing hydrogen bond strength in liquid water by resonant inelastic X-ray scattering. Nature Communications, 2019, 10, 1013.	12.8	53
12	What Triggers Oxygen Loss in Oxygen Redox Cathode Materials?. Chemistry of Materials, 2019, 31, 3293-3300.	6.7	147
13	Electronic localization in CaVO ₃ films via bandwidth control. Npj Quantum Materials, 2019, 4, .	5.2	16
14	Compatibility of quantitative X-ray spectroscopy with continuous distribution models of water at ambient conditions. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4058-4063.	7.1	54
15	Reply to Pettersson et al.: Why X-ray spectral features are compatible to continuous distribution models in ambient water. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17158-17159.	7.1	9
16	Orbital-selective confinement effect of Ru d orbitals in SrRuO ₂ ultrathin film. Physical Review B, 2019, 99, .	3.2	16
17	Oxygen redox chemistry without excess alkali-metal ions in Na _{2/3} [Mg _{0.28} Mn _{0.72}]O ₂ . Nature Chemistry, 2018, 10, 288-295.	13.6	414
18	Combined computational and experimental investigation of the La ₂ CuO ₄ δ (0 δ ≤ 4) quaternary system. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7890-7895.	7.1	8

#	ARTICLE	IF	CITATIONS
19	Local and collective magnetism of EuFe_2As_2 . Physical Review B, 2017, 95, ...	3.2	18
20	Zone plates as imaging analyzers for resonant inelastic x-ray scattering. Optics Express, 2017, 25, 15624.	3.4	10
21	Growth and Characterisation of Al _{1-x} Cr _x N Thin Films by RF Plasma Assisted Pulsed Laser Deposition. E-Journal of Surface Science and Nanotechnology, 2009, 7, 497-502.	0.4	5