

# Daniel E McNally

## List of Publications by Year in descending order

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21  
papers

828  
citations

933447

10  
h-index

713466

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g-index

21  
all docs

21  
docs citations

21  
times ranked

1732  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxygen redox chemistry without excess alkali-metal ions in Na <sub>2/3</sub> [Mg <sub>0.28</sub> Mn <sub>0.72</sub> ]O <sub>2</sub> . Nature Chemistry, 2018, 10, 288-295.	13.6	414
2	What Triggers Oxygen Loss in Oxygen Redox Cathode Materials?. Chemistry of Materials, 2019, 31, 3293-3300.	6.7	147
3	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
4	Probing hydrogen bond strength in liquid water by resonant inelastic X-ray scattering. Nature Communications, 2019, 10, 1013.	12.8	53
5	Strain engineering of the charge and spin-orbital interactions in Sr <sub>2</sub> IrO <sub>4</sub> . Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24764-24770.	7.1	19
6	Local and collective magnetism of $\text{EuFe}_2\text{As}_2$ . Physical Review B, 2017, 95, .	3.2	18
7	Electronic localization in CaVO <sub>3</sub> films via bandwidth control. Npj Quantum Materials, 2019, 4, .	5.2	16
8	Orbital-selective confinement effect of Ru orbitals in $\text{SrRuO}_4$ ultrathin film. Physical Review B, 2019, 99, .	3.2	16
9	Orbital dynamics during an ultrafast insulator to metal transition. Physical Review Research, 2020, 2, .	3.6	14
10	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
11	Zone plates as imaging analyzers for resonant inelastic x-ray scattering. Optics Express, 2017, 25, 15624.	3.4	10
12	Anisotropic magnetic excitations and incipient Néel order in $\text{BaCu}_2\text{O}_7$ . Physical Review B, 2019, 99, .	3.2	10
13	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
14	Combined computational and experimental investigation of the La <sub>2</sub> CuO <sub>4</sub> (S = 0) (O 4) quaternary system. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7890-7895.	7.1	8
15	Vibrational resonant inelastic X-ray scattering in liquid acetic acid: a ruler for molecular chain lengths. Scientific Reports, 2021, 11, 4098.	3.3	7
16	Growth and Characterisation of Al <sub>1-x</sub> Cr <sub>x</sub> N Thin Films by RF Plasma Assisted Pulsed Laser Deposition. E-Journal of Surface Science and Nanotechnology, 2009, 7, 497-502.	0.4	5
17	Long-ranged Cu-based order with $d_{z^2}$ orbital character at a YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> /manganite interface. Npj Quantum Materials, 2021, 6, .	5.2	5
18	Versatile Tunability of the Metal Insulator Transition in (TiO <sub>2</sub> ) <sub>m</sub> (VO <sub>2</sub> ) <sub>m</sub> Superlattices. Advanced Functional Materials, 2020, 30, 2004914.	14.9	4

#	ARTICLE	IF	CITATIONS
19	Spin dynamics in NaFeAs and $\text{NaFeAsO}$ probed by resonant inelastic x-ray scattering. Physical Review B, 2021, 103, .	3.0	2
20	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
21	Cuts through the manifold of molecular $\text{H}_2\text{O}$ 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