

# Nicholas J Weadock

## List of Publications by Year in descending order

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Version: 2024-02-01

8  
papers

152  
citations

1684188

5  
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1588992

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g-index

8  
all docs

8  
docs citations

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times ranked

179  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal expansion and phonon anharmonicity of cuprite studied by inelastic neutron scattering and <i>ab initio</i> calculations. <i>Physical Review B</i> , 2022, 105, .	3.2	5
2	Interface pinning causes the hysteresis of the hydride transformation in binary metal hydrides. <i>Physical Review Materials</i> , 2021, 5, .	2.4	3
3	Water-in-Salt LiTFSI Aqueous Electrolytes. 1. Liquid Structure from Combined Molecular Dynamics Simulation and Experimental Studies. <i>Journal of Physical Chemistry B</i> , 2021, 125, 4501-4513.	2.6	52
4	Water or Anion? Uncovering the Zn <sup>2+</sup> Solvation Environment in Mixed Zn(TFSI) <sub>2</sub> and LiTFSI Water-in-Salt Electrolytes. <i>ACS Energy Letters</i> , 2021, 6, 3458-3463.	17.4	45
5	Compositional heterogeneity in Cs <sub>y</sub> FA <sub>1-y</sub> Pb(Br <sub>x</sub> I <sub>1-x</sub> ) <sub>3</sub> perovskite films and its impact on phase behavior. <i>Energy and Environmental Science</i> , 2021, 14, 6394-6405.	30.8	20
6	Test of the Dynamic-Domain and Critical Scattering Hypotheses in Cubic Methylammonium Lead Triiodide. <i>Physical Review Letters</i> , 2020, 125, .	7.8	13
7	High-Pressure Hydrogen Adsorption on a Porous Electron-Rich Covalent Organonitridic Framework. <i>ACS Omega</i> , 2019, 4, 444-448.	3.5	12
8	High capacity V-based metal hydride electrodes for rechargeable batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 21785-21794.	10.3	2