**CUMULATIVE NEUTRON RADIOGRAPHIC IMAGING PAPERS**

**2012 – 2023 (1246 papers)**

31st July 2023

KEYWORDS: Neutron Radiography, Neutron Imaging, Neutron Tomography, Neutron CT

Highlighted entries each have a selected image featured on the RadSci website

**2023**

Total number of papers listed: 81

[**Advanced Energy Materials**](https://onlinelibrary.wiley.com/toc/16146840/0/0) **(3)**

[A Goldilocks Approach to Water Management: Hydrochannel Porous Transport Layers for Unitized Reversible Fuel Cells](https://onlinelibrary.wiley.com/doi/full/10.1002/aenm.202203952)

[Siddharth Komini Babu](https://onlinelibrary.wiley.com/authored-by/ContribAuthorRaw/Komini+Babu/Siddharth), [Abdurrahman Yilmaz](https://onlinelibrary.wiley.com/authored-by/ContribAuthorRaw/Yilmaz/Abdurrahman), [Md Aman Uddin](https://onlinelibrary.wiley.com/authored-by/ContribAuthorRaw/Uddin/Md+Aman), [Jacob LaManna](https://onlinelibrary.wiley.com/authored-by/ContribAuthorRaw/LaManna/Jacob), [Eli Baltic](https://onlinelibrary.wiley.com/authored-by/ContribAuthorRaw/Baltic/Eli), [David L. Jacobson](https://onlinelibrary.wiley.com/authored-by/ContribAuthorRaw/Jacobson/David+L.), [Ugur Pasaogullari](https://onlinelibrary.wiley.com/authored-by/ContribAuthorRaw/Pasaogullari/Ugur), [Jacob S. Spendelow](https://onlinelibrary.wiley.com/authored-by/ContribAuthorRaw/Spendelow/Jacob+S.)

*Advanced Energy Materials*

*First published: 14 March 2023*

[*https://doi.org/10.1002/aenm.202203952*](https://doi.org/10.1002/aenm.202203952)

[Visualizing Reaction Fronts and Transport Limitations in Solid-State Li–S Batteries via Operando Neutron Imaging](https://onlinelibrary.wiley.com/doi/full/10.1002/aenm.202203426)

[Robert Bradbury](https://onlinelibrary.wiley.com/authored-by/Bradbury/Robert), [Georg F. Dewald](https://onlinelibrary.wiley.com/authored-by/Dewald/Georg+F.), [Marvin A. Kraft](https://onlinelibrary.wiley.com/authored-by/Kraft/Marvin+A.), [Tobias Arlt](https://onlinelibrary.wiley.com/authored-by/Arlt/Tobias), [Nikolay Kardjilov](https://onlinelibrary.wiley.com/authored-by/Kardjilov/Nikolay), [Jürgen Janek](https://onlinelibrary.wiley.com/authored-by/Janek/J%C3%BCrgen), [Ingo Manke](https://onlinelibrary.wiley.com/authored-by/Manke/Ingo), [Wolfgang G. Zeier](https://onlinelibrary.wiley.com/authored-by/Zeier/Wolfgang+G.), [Saneyuki Ohno](https://onlinelibrary.wiley.com/authored-by/Ohno/Saneyuki)

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*First published: 20 March 2023*

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[Multi-Dimensional Characterization of Battery Materials](https://onlinelibrary.wiley.com/doi/full/10.1002/aenm.202300103)

[Ralf F. Ziesche](https://onlinelibrary.wiley.com/authored-by/Ziesche/Ralf+F.), [Thomas M. M. Heenan](https://onlinelibrary.wiley.com/authored-by/Heenan/Thomas+M.+M.), [Pooja Kumari](https://onlinelibrary.wiley.com/authored-by/Kumari/Pooja), [Jarrod Williams](https://onlinelibrary.wiley.com/authored-by/Williams/Jarrod), [Weiqun Li](https://onlinelibrary.wiley.com/authored-by/Li/Weiqun), [Matthew E. Curd](https://onlinelibrary.wiley.com/authored-by/Curd/Matthew+E.), [Timothy L. Burnett](https://onlinelibrary.wiley.com/authored-by/Burnett/Timothy+L.), [Ian Robinson](https://onlinelibrary.wiley.com/authored-by/Robinson/Ian), [Dan J. L. Brett](https://onlinelibrary.wiley.com/authored-by/Brett/Dan+J.+L.), [Matthias J. Ehrhardt](https://onlinelibrary.wiley.com/authored-by/Ehrhardt/Matthias+J.), [Paul D. Quinn](https://onlinelibrary.wiley.com/authored-by/Quinn/Paul+D.), [Layla B. Mehdi](https://onlinelibrary.wiley.com/authored-by/Mehdi/Layla+B.), [Philip J. Withers](https://onlinelibrary.wiley.com/authored-by/Withers/Philip+J.), [Melanie M. Britton](https://onlinelibrary.wiley.com/authored-by/Britton/Melanie+M.), [Nigel D. Browning](https://onlinelibrary.wiley.com/authored-by/Browning/Nigel+D.), [Paul R. Shearing](https://onlinelibrary.wiley.com/authored-by/Shearing/Paul+R.)

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*First published: 01 May 2023*

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Visualizing Lithium Ion Transport in Solid-State Li–S Batteries Using 6Li Contrast Enhanced Neutron Imaging

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[3D characterization of magnetic phases through neutron polarization contrast tomography](https://www.sciencedirect.com/science/article/pii/S2772369023000361)

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[Fracture and transport analysis of heterogeneous 3D-Printed lamellar cementitious materials](https://www.sciencedirect.com/science/article/pii/S0958946523001087)

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