

Beneficial effects of stoichiometry and nanostructure for a $\text{LiBH}_4\text{-MgH}_2$ hydrogen storage system

Hu, Jianjiang; **Witter, Raiker**; Shao, Huaiyu; Felderhoff, Michael; Fichtner, Maximilian Journal of materials chemistry A 2014 / p. 66-72 : ill <http://dx.doi.org/10.1039/C3TA13775A>

Development of in situ high resolution NMR: Proof-of-principle for a new (spinning) cylindrical mini-pellet approach applied to a Lithium ion battery

Mohammad, Irshad; Cambaz, Musa Ali; **Samoson, Ago**; Fichtner, Maximilian; Witter, Raiker Solid state nuclear magnetic resonance 2024 / art. 101914 <https://doi.org/10.1016/j.ssnmr.2023.101914>

Disordered lithium-rich oxyfluoride as a stable host for enhanced Li^+ intercalation storage

Chen, Ruiyong; Ren, Shuhua; Knapp, Michael; Wang, Di; **Witter, Raiker**; Fichtner, Maximilian; Hahn, Horst Advanced energy materials 2015 / p. 1-7 : ill <http://dx.doi.org/10.1002/aenm.201401814>

Introducing interlayer electrolytes : toward room-temperature high-potential solid-state rechargeable fluoride ion batteries

Mohammad, Irshad; **Witter, Raiker**; Fichtner, Maximilian; Reddy, M. Anji ACS Applied Energy Materials 2019 / p. 1553–1562 : ill <https://doi.org/10.1021/acsami.8b02166> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Li^+ intercalation in isostructural Li_2VO_3 and $\text{Li}_2\text{VO}_2\text{F}$ with O^{2-} and mixed O^{2-}/F^- anions

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Solid electrolytes for fluoride ion batteries : ionic conductivity in polycrystalline tysonite-type fluorides

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A structurally flexible halide solid electrolyte with high ionic conductivity and air processability

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Synthesis of fast fluoride-ion-conductive fluorite-type $\text{Ba}_{1-x}\text{Sb}_x\text{F}_{2+x}$ ($0.1 \leq x \leq 0.4$) : a potential solid electrolyte for fluoride-ion batteries

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