

Advances in room temperature fluoride-ion batteries

Molaiyan, Palanivel; Mohammad, Irshad; Witter, Raiker 20th International Conference on Advanced Energy Materials and Research, August 13-14, 2018, Dublin, Ireland : posters 2018 / p. 94 : ill <https://doi.org/10.4172/2576-1463-C1-003>

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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of room temperature secondary fluoride ion batteries = Toatemperatuursete fluoriidioon akude väljaarendamine

Mohammad, Irshad 2019 <https://digi.lib.ttu.ee/i/?12305> https://www.ester.ee/record=b5227792*est Tehnikaülikooli doktorant ehitas uudse energiasalvesti

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/acsaem.8b02166> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Mohammad, Irshad; Chable, Johann; Witter, Raiker; Fichtner, Maximilian; Reddy, M. Anji ACS applied materials and interfaces ACS applied materials & interfaces 2018 / p. 17249–17256 : ill <https://doi.org/10.1021/acsami.8b04108> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Testing Mg as an anode against BiF₃ and SnF₂ cathodes for room temperature rechargeable fluoride ion batteries

Mohammad, Irshad; Witter, Raiker Materials Letters 2019 / p. 159 - 162 <https://doi.org/10.1016/j.matlet.2019.02.052> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)