

Lista delle Pubblicazioni (739 documenti)

Dong, X., Chen, Z., Gao, X., Mayer, A., Liang, H.-P., Passerini, S., Bresser, D.

Stepwise optimization of single-ion conducting polymer electrolytes for high-performance lithium-metal batteries

(2023) *Journal of Energy Chemistry*, 80, pp. 174-181.

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DOI: 10.1016/j.jechem.2023.01.044

Golodnistky, D., Greenbaum, S., Edström, K., Passerini, S.

Interfacial phenomena in lithium batteries and beyond

(2023) *Journal of Power Sources*, 562, art. no. 232673, .

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Qin, B., Zarrabeitia, M., Hoefling, A., Jusys, Z., Liu, X., Tübke, J., Behm, R.J., Cui, G., Varzi, A., Passerini, S.

A unique polymer-inorganic cathode-electrolyte-interphase (CEI) boosts high-performance Na₃V₂(PO₄)₂F₃ batteries in ether electrolytes

(2023) *Journal of Power Sources*, 560, art. no. 232630, .

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Yusim, Y., Trevisanello, E., Ruess, R., Richter, F.H., Mayer, A., Bresser, D., Passerini, S., Janek, J., Henss, A.

Evaluation and Improvement of the Stability of Poly(ethylene oxide)-based Solid-state Batteries with High-Voltage Cathodes

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Adenusi, H., Chass, G.A., Passerini, S., Tian, K.V., Chen, G.

Lithium Batteries and the Solid Electrolyte Interphase (SEI)—Progress and Outlook

(2023) *Advanced Energy Materials*, 13 (10), art. no. 2203307, .

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Stable cycling of Si nanowire electrodes in fluorine-free cyano-based ionic liquid electrolytes enabled by vinylene carbonate as SEI-forming additive

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Wu, F., Fang, S., Kuenzel, M., Diemant, T., Kim, J.-K., Bresser, D., Kim, G.-T., Passerini, S.
Bilayer solid electrolyte enabling quasi-solid-state lithium-metal batteries
(2023) Journal of Power Sources, 557, art. no. 232514, .
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Single-Ion Conducting Multi-block Copolymer Electrolyte for Lithium-Metal Batteries with High Mass Loading NCM811 Cathodes
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