

Research report

2017 part I

Overview

PI

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Research fields

Molecular materials for electrochemical energy storage

Multiscale modelling in computational materials science

Quantum Biochemistry

Citizen Cyber Science

Publications

M. Korth, DFT: Not quite the right answer for the right reason yet, *Angew. Chem. Int. Ed.* **2017**, *56*, 5396–5398. (Invited contribution.)

M. Korth, DFT: Noch nicht ganz die richtige Antwort aus den richtigen Gründen, *Angew. Chem.* **2017**, *129*, 5482–5484. (Invited contribution.)

R. Wagner, V. Kraft, B. Streipert, J. Kasnatscheew, D. R. Gallus, M. Amereller, **M. Korth**, I. Cekic-Laskovica, M. Winter, Magnesium-based additives for the cathode slurry to enable high voltage application of lithium-ion batteries, *Electrochim. Acta* **2017**, *228*, 9.

C. Schütter, S. Passerini, **M. Korth**, A. Balducci, Cyano Ester as Solvent for High Voltage Electrochemical Double Layer Capacitor, *Electrochim. Acta* **2017**, *224*, 278.

S. Dohm, E. Spohr, **M. Korth**, Developing Adaptive QM/MM Computer Simulations for Electrochemistry, *J. Comput. Chem.* **2017**, *38*, 51.