

LIST OF PUBLICATIONS

1. M. E. Spahr, H. Wilhelm, F. Joho, J.-C. Panitz, J. Wambach, P. Novák, and N. Dupont-Pavlovsky: Purely Hexagonal Graphite and the Influence of Surface Modifications on Its Electrochemical Lithium Insertion Process. *J. Electrochem. Soc.* **149**, A960-A966 (2002).
2. F. Joho, P. Novák, and M. E. Spahr: Safety Aspects of Graphite Negative Electrode Materials for Lithium-Ion Batteries. *J. Electrochem. Soc.* **149**, A1020-A1024 (2002).
3. M. Lanz and P. Novák: DEMS Study of Gas Evolution at Thick Graphite Electrodes for Lithium-Ion Batteries: The Effect of γ -Butyrolactone. *J. Power Sources* **102**, 277-282 (2001).
4. E. Deiss, D. Häring, P. Novák, and O. Haas: Modeling of the Charge-Discharge Dynamics of Lithium Manganese Oxide Electrodes for Lithium-Ion Batteries. *Electrochim. Acta* **46**, 4185-4196 (2001).
5. J.-C. Panitz, P. Novák, and O. Haas: Raman Microscopy Applied to Rechargeable Lithium-Ion Cells - Steps Towards *In situ* Raman Imaging with Increased Optical Efficiency. *Appl. Spectrosc.* **55**, 1131-1137 (2001).
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7. M. E. Spahr, H. Wilhelm, F. Joho, and P. Novák: Structure, Texture, and Surface Morphology Modifications of Highly Crystalline Graphite and the Consequences for its Electrochemical Lithium Insertion Behavior. *ITE Letters on Batteries, New Technologies & Medicine* **2**, 370-375 (2001).
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10. J.-C. Panitz and P. Novák: Raman Microscopy as a Quality Control Tool for Electrodes of Lithium-Ion Batteries. *J. Power Sources* **97-98**, 174-180 (2001).
11. E. Deiss, D. Häring, O. Haas, and P. Novák: Modeling of the Charge-Discharge Dynamics of Lithium Manganese Oxide Electrodes. *ITE Letters on Batteries, New Technologies & Medicine* **2**, 15-19 (2001).
12. M. Lanz, C. Kormann, H. Steininger, G. Heil, O. Haas, and P. Novák: Large-Agglomerate-Size Lithium Manganese Oxide Spinel with High Rate Capability for Lithium-Ion Batteries. *J. Electrochem. Soc.* **147**, 3997-4000 (2000).
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15. M. Winter, G. H. Wroldnigg, J. O. Besenhard, W. Biberacher, and P. Novák: Dilatometric Investigations of Graphite Electrodes in Nonaqueous Lithium Battery Electrolytes. *J. Electrochem. Soc.* **147**, 2427-2431 (2000).
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