

## **Electron Microscopy Centre Research Output**

Based on the family name of the first author, all publications by EMC users are arranged in an alphabetical order by year.

### **2020**

1. F. Ahmad, E.C. Lovell, H. Masood, P.J. Cullen, K.K. Ostrikov, J.A. Scott, R. Amal, Low-temperature CO<sub>2</sub> methanation: synergistic effects in plasma-Ni hybrid catalytic system, *ACS Sustainable Chem. Eng.* 2020, 8, 1888-1898.
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6. J. Byrnes, D.R.G. Mitchell, S. Aminorroaya Yamini, Thermoelectric performance of thermally aged nanostructured bulk materials - a case study of lead chalcogenides, *Materials Today Physics* 13 (2020) 100190.
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8. M. Chen, J. Xiao, W. Hua, Z. Hu, W. Wang, Q. Gu, Y. Tang, S.L. Chou, H.K. Liu, S.X. Dou, A cation and anion dual doping strategy for elevation of titanium redox for high-power sodium-ion batteries, *Angew. Chem. Int. Ed.* 59, (2020), 12076-12083.

9. M. Chen, W. Hua, J. Xiao, D. Cortie, X. Guo, E. Wang, Q. Gu, Z. Hu, S. Indris, X.L. Wang, S.L. Chou, S.X. Dou, Development and investigation of a NASICON-type high-voltage cathode material for high-power sodium-ion batteries, *Angew. Chem. Int. Ed.*, 59, (2020), 2449-2456.
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