



The electrochemically induced ...

... extraction of metal atoms from the ternary layered carbides Ti_3AlC_2 , Ti_2AlC , and Ti_3SiC_2 (MAX phases) at room temperature results in predominantly amorphous carbon with a narrow distribution of micropores, as described by Y. Gogotsi et al. in their Communication on page 4877 ff. This approach forgoes energy-intensive thermal processing and presents a novel method for the synthesis of carbon materials that may be used as supercapacitors, battery electrodes, or for CO_2 capture.

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