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Boundary Effect On The Plasticity And Stress Of Lithiated Silicon: First-principles Calculations H. Y. Lv,^{1,2} H. Jiang,^{2,a)} H. J. Liu,^{1,b)} And J. Shi¹ ¹Key Laboratory Of Artificial Micro- And Nano-Structures Of Ministry Of Education And School Of Physics And Technology, Wuhan University, Wuhan 430072, China Jan 1th, 2024

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(i.e., Nanocrystalline Metals, Layered Metals, Powder Metallurgy-formed Materials) Is Highly Dependent On Developing An Understanding Of Their Internal Damage Processes (Needleman, 2001). While Many Of These Materials Often Exhibit High Strength, Some Also Tend To Have Low Ductility And Low Fracture Toughness. Jun 1th, 2024

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^aLaboratory Of Neuroendocrinology, The Rockefeller University, 1230 York Avenue, New York, NY 10065, USA ^bDepartment Of Pediatrics, Weill Cornell Medical College May 1th, 2024

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