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【在研科研项目】

1. 科技部 ITER 计划，新型钎合金颗粒与制备技术研究（2014GB104003），2014年-2017年

【代表性学术论文】

1. J.G. Niu, W.T. Geng, Oxygen-induced lattice distortion in β -Ti3Nb and its suppression effect on β to α'' transformation, *Acta Materialia*, 2014, 81(5): 194-203
2. W.T. Geng, B.L He, T. Ohno, Grain Boundary Induced Conductivity in Li2O2, *The Journal of Physical Chemistry C*, 2013, 117(48): 25222-25228
3. W.T. Geng; T. Ohno, Carbon Coating of LiFePO4 Can Be Strengthened by Sc and Ti, *The Journal of Physical Chemistry C*, 2012, 117(1): 276-279
4. W.T. Geng, D.H. Ping, J. Nara, T. Ohno, Formation of Perpendicular Graphene Nanosheets on LiFePO4: A First-Principles Characterization, *Journal of Physical Chemistry C*, 2012, 116(33): 17650-17656
5. B. Jiang, F.R. Wan, W.T. Geng, Strong hydrogen trapping at helium in tungsten: Density functional theory calculations, *Physical Review B*, 2010, 81(13): 134112-134112



Wen-Tong Geng, professor of School of Materials Science and Engineering, received his B.S. and M.S. in theoretical physics from Lanzhou University, in 1992 and 1995, and his Ph.D. in theoretical physics from Institute of Physics, Chinese Academy of Science in 1998. His recent research focuses on the first-principles investigations of the mechanical, electronic, and magnetic properties of new materials.

【Publications】

1. J.G. Niu, W.T. Geng, Oxygen-induced lattice distortion in β -Ti₃Nb and its suppression effect on β to α'' transformation, *Acta Materialia*, 2014, 81(5): 194-203
2. W.T. Geng, B.L He, T. Ohno, Grain Boundary Induced Conductivity in Li₂O₂, *The Journal of Physical Chemistry C*, 2013, 117(48): 25222-25228
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