



Professor Saeed Rouhi

From: Ansari, R., Rouhi, S., Mirnezhad, M. and Aryayi, M. (2013), "Stability characteristics of single-layered silicon carbide nanosheets under uniaxial compression", *Physica E: Low-Dimens. Syst. Nanostruct.*, 53, 22-28.

See:

<https://scholar.google.com/citations?user=jW8Bte4AAAAJ&hl=en>

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Selected Publications:

R. Ansari, S. Rouhi, Atomistic finite element model for axial buckling of single-walled carbon nanotubes. *Phys. E* 43, 58–69 (2010)

R. Ansari, S. Rouhi, M. Aryayi and M. Mirnezhad, "On the buckling behavior of single-walled silicon carbide nanotubes", *Scientia Iranica, Transactions F: Nanotechnology*, Vol. 19, No. 8, pp 1984-1990, 2012

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Shahnazari, A., Ansari, R. and Rouhi, S. (2017), "A density functional theory-based finite element method to study the vibrational characteristics of zigzag phosphorene nanotubes", *Appl. Phys. A*, 123(4), 263.