



Journal of Physics D
Applied Physics

Interfaces, nanostructures and matter

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A journal with a strong reputation for rapid publication of high-quality, high-impact work with a section dedicated to **interfaces, nanostructures and matter**.

Highlights

- Defect formation in graphene nanosheets by acid treatment: an x-ray absorption spectroscopy and density functional theory study

V A Coleman, R Knut, O Karis, H Grennberg, U Jansson, R Quinlan, B C Holloway, B Sanyal and O Eriksson

- Aspects of scanning force microscope probes and their effects on dimensional measurement

A Yacoot and L Koenders

- Recent advances in single-asperity nanotribology

I Szlufarska, M Chandross and R W Carpick

- Silver nanostructures with well-controlled shapes: synthesis, characterization and growth mechanisms

Cai-Xia Kan, Jie-Jun Zhu and Xiao-Guang Zhu

- Surface enhanced Raman scattering properties using Au-coated ZnO nanorods grown by two-step, off-axis pulsed laser deposition

Ti Sakano, Y Tanaka, R Nishimura, N N Nedyalkov, P A Atanasov, T Saiki and M Obara

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