



Journal of Physics D
Applied Physics

Plasmas and plasma-surface interactions

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A journal with a strong reputation for rapid publication of high-quality, high-impact work with a section dedicated to **plasmas and plasma–surface interactions**.

Highlights

- Self-patterned aluminium interconnects and ring electrodes for arrays of microcavity plasma devices encapsulated in Al_2O_3

K S Kim, S-J Park and J G Eden

- Electron beams in asymmetric capacitively coupled radio frequency discharges at low pressures

J Schulze, B G Heil, D Luggenhölscher, T Mussenbrock, R P Brinkmann and U Czarnetzki

- Thermal plasma waste treatment

J Heberlein and A B Murphy

- Laboratory experiments cannot be utilized to justify the action of early streamer emission terminals

M Becerra and V Cooray

- Gas temperature, electron density and electron temperature measurement in a microwave excited microplasma

Xi-Ming Zhu, Wen-Cong Chen and Yi-Kang Pu

- Electric wind produced by surface plasma actuators: a new dielectric barrier discharge based on a three-electrode geometry

E Moreau, R Sosa and G Artana



Section Editor

U Czarnetzki, Ruhr-Universität-Bochum, Germany

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