IoP

Journal of Physics D Applied Physics D Physics D

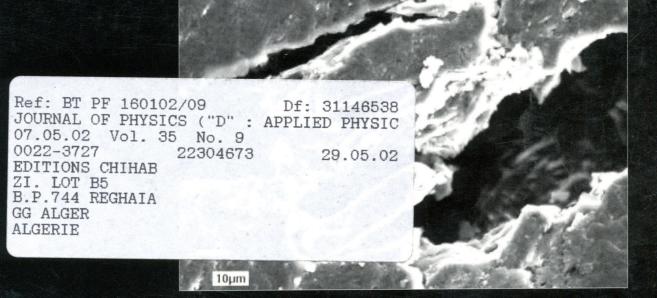
Volume 35 Number 9 7 May 2002

Review article: Time-resolved fluorescence imaging in biology and medicine

R Cubeddu et al

Engineering and investigating the control of semiconductor surfaces and interfaces S P Wilks

Online: www.iop.org/journals/jphysd



Journal of Physics D: Applied Physics

	Volume 35 Number 9 7 May 2002
	RAPID COMMUNICATION
L33	An in-depth investigation of the energy distribution of doubly charged ions emitted from a liquid metal alloy ion source G L R Mair, L Bischoff, A W R Mair, C J Aidinis, Th Ganetsos and C A Aleiev
	TOPICAL REVIEWS
R61	Time-resolved fluorescence imaging in biology and medicine R Cubeddu, D Comelli, C D'Andrea, P Taroni and G Valentini
R77	Engineering and investigating the control of semiconductor surfaces and interfaces S P Wilks
	PAPERS
	APPLIED MAGNETISM, MAGNETIC MATERIALS AND SUPERCONDUCTIVITY
831	Structure and magnetic properties of $Y_{1-x}Dy_xMn_6Sn_6$ ($x=0-1$) compounds Yun-Bao Li, Shao-Ying Zhang, Jin-Lei Yao, Li-Gang Zhang and Bao-Gen Shen
835	Microstructure and magnetic properties of two-phase exchange-coupled SmCo ₅ /Sm ₂ (Co, M) ₁₇ (M = Fe, Zr, Cu) nanocomposites A Yan, A Bollero, O Gutfleisch and K-H Müller
839	A novel target-field method for finite-length magnetic resonance shim coils: II. Tesseral shims L K Forbes and S Crozier
	PHOTONICS AND SEMICONDUCTOR DEVICE PHYSICS
850	Voltage- dependent orientational photorefractivity in a planar C_{60} -doped nematic film Wei Lee and Yuan-Lin Wang
	EXPERIMENTAL, COMPUTATIONAL AND THEORETICAL PARTICLE BEAM AND PLASMA SCIENCE
854	Cherenkov radiation versus bremsstrahlung in the Tamm problem G N Afanasiev and V M Shilov
867	Net emission coefficients for argon–iron thermal plasmas J Menart and S Malik
875	Investigation of a pulsed oxygen microwave plasma by time-resolved two-photon allowed laser-induced fluorescence A Georg, J Engemann and A Brockhaus
882	Dynamics and breakdown delay times in neon-ethene and neon-propene photo-triggered discharges F Fresnet, S Pasquiers, C Postel and V Puech
891	Simulation of arc- electrode interaction using sheath modelling in SF ₆ circuit-breakers P Maruzewski, A Martin, M Reggio and J-Y Trépanier
	APPLIED SURFACES AND INTERFACES
900	Polymer dispersed ferroelectric liquid crystal films with high electro-optic quality R Karapinar, M O'Neill and M Hird
906	Investigation on dielectric properties of polycrystalline BT/ST multilayer thin films Shuibing Ge, Zhaoyuan Ning, Zhenggao Dong, Mingrong Shen
910	Effects of preparation conditions on the optical properties of thin films of tellurium oxide

(Continued on inside back cover)

M F Al-Kuhaili, S M A Durrani, E E Khawaja and J Shirokoff