

Publications

Journal Papers

ARTEMIS

P Hollebón, O Ciricosta, MP Desjarlais, C Cacho, C Spindloe, E Springate, ICE Turcu, JS Wark, SM Vinko

Ab initio simulations and measurements of the free-free opacity in aluminum

PHYSICAL REVIEW E, **100**, 43207 (2019)

K Volckaert, H Rostami, D Biswas, I Marković, F Andreatta, CE Sanders, P Majchrzak, C Cacho, RT Chapman, A Wyatt, E Springate, D Lizzit, L Bignardi, S Lizzit, SK Mahatha, M Bianchi, N Lanata, PDC King, JA Miwa, AV Balatsky, P Hofmann, S Ulstrup

Momentum-resolved linear dichroism in bilayer MoS₂

PHYSICAL REVIEW B, **100**, 241406 (2019)

EM Warne, B Downes-Ward, J Woodhouse, MA Parkes, D Bellshaw, E Springate, P Majchrzak, Y Zhang, G Karras, AS Wyatt, RT Chapman, A Kirrander, RS Minns

Photodissociation dynamics of CH₃I probed via multiphoton ionisation photoelectron spectroscopy

PHYSICAL CHEMISTRY CHEMICAL PHYSICS, **21**, 11142-11149 (2019)

L Longetti, M Randulová, J Ojeda, L Mewes, L Miseikis, J Grilj, A Sanchez-Gonzalez, T Witting, T Siegel, Z Diveki, F van Mourik, R Chapman, C Cacho, S Yap, JWG Tisch, E Springate, JP Marangos, P Slaviček, CA Arrell, M Chergui

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PHYSICAL CHEMISTRY CHEMICAL PHYSICS, **22**, 3965-3974 (2020)

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Acoustic signature of laser shock peening for a qualitative evaluation of residual stresses

APPLIED PHYSICS A MATERIALS SCIENCE AND PROCESSING, **125**, 571 (2019)

M De Vido, A Wojtusiak, K Ertel

High-resolution absorption measurement at the zero phonon line of Yb:YAG between 80 K and 300 K

OPTICAL MATERIALS EXPRESS, **10**, 717-723 (2020)

RK Zhukavin, SG Pavlov, N Stavrias, K Saedi, KA Kovalevsky, PJ Phillips, VV Tsyplenkov, NV Abrosimov, H Riemann, N Deßmann, H Hübers, VN Shastin

Influence of uniaxial stress on phonon-assisted relaxation in bismuth-doped silicon

JOURNAL OF APPLIED PHYSICS, **127**, 35706 (2020)

M Sawicka-Chyla, M Divoky, O Slezak, M De Vido, A Lucianetti, T Mocek

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IEEE JOURNAL OF QUANTUM ELECTRONICS, **55**, 1-8 (2019)

M De Vido, K Ertel, A Wojtusiak, PD Mason, PJ Phillips, S Banerjee, JM Smith, TJ Butcher, C Edwards

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Petawatt and exawatt class lasers worldwide

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GEMINI

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Pulse front tilt control using non-collimated beams in a single pass grating compressor

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