


Virtanen, J, Pammo, A, Keskinen, J, Sarlin, E & Tuukkanen, S 2017, 'Pyrolysed cellulose nanofibrils and dandelion pappus in supercapacitor application' Cellulose. DOI: 10.1007/s10570-017-1332-8


Vuori, L, Al-Löytty, H, Lahtonen, K, Hannula, M, Lehtonen, E, Niu, Y & Valden, M 2017, 'Improved corrosion properties of Hot Dip Galvanized Steel by nanomolecular silane layers as hybrid interface between zinc and top coatings' Corrosion, vol 73, no. 2. DOI: 10.5006/2206


Hannula, MK, Lahtonen, KT, Isotalo, TJ, Saari, JS & Valden, MO 2016, 'Thermal Modification of ALD Grown Titanium Oxide Ultra Thin Film for Photoanode Applications' Paper presented at Symposium on Future Prospects for Photonics, Tampere, Finland, 14/12/16 - 15/12/16.,


Aho, AT, Viheriälä, JP, Mäkelä, JM, Virtanen, HA, Ranta, ST, Dumitrescu, M & Guina, M 2016, 'High-Power Tapered Distributed Bragg Reflector Laser Diodes Emitting at 1550 nm' Paper presented at Optics and Photonics days, Tampere, Finland, 16/05/16 - 18/05/16.

Koivusalo, ES, Hakkarainen, TV & Guina, M 2016, 'High-resolution x-ray diffraction and photoluminescence study of high-quality self-catalyzed GaAs nanowires' Paper presented at Optics and Photonics days, Tampere, Finland, 16/05/16 - 18/05/16.


Raappana, MJS, Polojärvi, V, Aho, T, Aho, A, Tukiainen, A, Hytönen, L, Isoaho, R & Guina, M 2016, 'Electrical isolation of dilute nitride solar cells by wet etching' Paper presented at Optics and Photonics days, Tampere, Finland, 16/05/16 - 18/05/16.


Aho, TA, Aho, A, Tukiainen, A, Polojärvi, V, Raappana, M & Guina, M 2016, 'Increasing the quantum efficiency of GaInNAs solar cells by advanced optical design' Paper presented at Optics and Photonics days, Tampere, Finland, 16/05/16 - 18/05/16.


Hilskä, J 2016, 'Photoluminescence properties of novel GaAsBi compounds fabricated by molecular beam epitaxy' Paper presented at Optics and Photonics days, Tampere, Finland, 16/05/16 - 18/05/16.


Rantamäki, A, Saarinen, E, Lyytikäinen, J, Heikkinen, J, Lahtonen, K, Valden, M & Okhotnikov, O 2015, Towards high power flip-chip long-wavelength semiconductor disk lasers. in Proceedings of SPIE. vol. 9349, SPIE, Vertical External Cavity Surface Emitting Lasers, United Kingdom, 1 January. DOI: 10.1117/12.2076795


Wu, M, Luna, E, Puustinen, J, Guina, M & Trampert, A 2014, 'Formation and phase transformation of Bi-containing QD-like clusters in annealed GaAsBi' Nanotechnology, vol 25, no. 20, 205605, pp. 1-10. DOI: 10.1088/0957-4484/25/20/205605


Teisala, H 2014, 'Multifunctional superhydrophobic nanoparticle coatings for cellulose-based substrates by liquid flame spray' Materia, no. 1, pp. 59.


Zhang, X, Qui, K, Levänen, E & Guo, XZ 2014, 'Selective morphologies of MgO via nanoconfinement on y-Al2O3 and reduced graphite oxide (rGO): improved CO2 capture capacity at elevated temperatures' CrystEngComm, no. 16, pp. 8825-8831. DOI: 10.1039/c4ce01258e


Isotahdon, E, Huttunen-Saarivirta, E & Kuokkala, V-T 2014, The role of surface modification by photosphating in corrosion protection of sintered Nd-Fe-B magnets. in EUROCORR 2014 European Corrosion Congress, 8-12 September 2014 Pisa Italy. DEHEMA and AIM - Associazione Italiana, Frankfurt am Main, European corrosion congress, 1 January.


Rautiainen, J, Rautiainen, J, Sirbu, A, Mereuta, A, Kapon, E & Okhotnikov, OG 2013, '1.56 mW 1 mW single frequency semiconductor disk laser' Optics Express, vol 21, no. 2, pp. 2355-2360. DOI: 10.1364/OE.21.002355


Paajaste, JS, Suomalainen, S, Härkönen, A, Griebner, G, Steinmeyer, G & Guina, M 2013, Control of the absorption recovery time in GaSb SESAMs. in 2013 Conference on Lasers and Electro-Optics Europe and International Quantum Electronics Conference, CLEO/EUROPE - IQEC 2013, 12-16 May 2013, Munich, Germany. European Conference on


Rantamäki, A, Rautiainen, JT, Lyytikäinen, J, Heikkinen, JJ, Sirbu, A, Meretu, A, Kapon, E & Okhotnikov, O 2013, High power semiconductor disk lasers for 1.3-1.6 μm and 650-800 nm spectral ranges. in 2nd European Workshop on VeCSELS, 15 - 17 October, 2013, Montpellier, France. 2nd European Workshop on VeCSELS, 15 - 17 October, 2013, Montpellier, France, 1 January.

Hannula, M 2013, Silainointiparametrien vaikutus sähkökemiallisesti passivoidun austeniittisen teräksen pinnalle rakentuvan biofunktionaalisen seossilaaniohutkalvon koostumukseen. Unknown Publisher.

Tommila, J, Schramm, A, Hakkarainen, TV, Dumitrescu, M & Guina, M 2013, 'Size-dependent properties of single InAs quantum dots grown in nanoimprint lithography patterned GaAs pits' Nanotechnology, vol 24, no. 23, pp. 1-5. DOI: 10.1088/0957-4484/24/23/235204


Puustinen, J, Wu, M, Luna, E, Schramm, A, Laukkanen, P, Laitinen, M, Sajavaara, T & Guina, M 2013, 'Variation of lattice constant and cluster formation in GaAsBi' Journal of Applied Physics, vol 114, no. 24, 243504, pp. 1-5. DOI: 10.1063/1.4851036


Rantamäki, A, Lytyikäinen, J, Nikkinen, J & Okhotnikov, OG 2011, 'Effect of thermal management on the properties of saturable absorber mirrors in high-power mode-locked semiconductor disk lasers' Quantum Electronics, vol 41, no. 9, pp. 786-789. DOI: 10.1070/QE2011v041n09ABEH014658


