

Electronic structure calculations of InP-based coupled quantum dot–quantum well structures

J. Andrzejewski

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Optical and spin properties of localized and free excitons in GaBi_xAs_{1-x}/GaAs multiple quantum Wells

M. A. G. Balanta, J. Kopaczek, V. Orsi Gordo, B. H. B. Santos, A. D. Rodrigues, H. V. A. Galeti, R. D. Richards, F. Bastiman, J.P.R. David, R. Kudrawiec, Y. Galvão Gobato

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Rice oil as a green source of capping ligands for GdF₃ nanocrystals

M. Bański, A. Noculak, J. Misiewicz, A. Podhorodecki

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K. Dubas, M. Baranowski, A. Podhorodecki, M. Jones, K. Gibasiewicz

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Single-photon emission of InAs/InP quantum dashes at 1.55 μm and temperatures up to 80 K

Ł. Dusanowski, M. Syperek, J. Misiewicz, A. Somers, S. Höfling, M. Kamp, J. P. Reithmaier, G. Sek

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Influence of carrier concentration on properties of InAs waveguide layers in interband cascade laser structures

M. Dyksik, M. Motyka, G. Sęk, J. Misiewicz, M. Dallner, S. Höfling, M. Kamp

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M. Pieczarka, G. Sęk

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NaGdF₄:Eu nanocrystal markers for melanoma tumor imaging

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