

Muller Raluca

Publicații la conferințe din RM - [1](#). Publicații peste hotare - [5](#).
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2017 - 1

Integrating THz sensors/structures through electrowetting in dielectrics (EWOD) for security applications

Sirbu Lilian¹²³, Mihai Laura⁴, Dănilă Mihai⁵, Țucureanu Vasilica⁵, Matei Alina⁵, Comanescu Florin Constantin⁵, Baracu Angela Mihaela⁵, Ștefan Angela⁴, Dascălu Traian⁴, Muller Raluca⁵

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NATO Science for Peace and Security Series B: Physics and Biophysics

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2014 - 1

Materials for integrated of THz sensors in EWOD chips

Sirbu Lilian¹, Muller Raluca², Dănilă Mihai², Schiopu Vasilica², Matei Alina², Comanescu Florin Constantin², Ștefan Angela³, Baracu Angela Mihaela², Dascălu Traian³

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Microelectronics and Computer ScienceThe 5th International Conference

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2013 - 4

Porous and RF sputtering InP for portable THz-TDS in pharmaceutical and medical applications

Sirbu Lilian¹, Ghimpu Lidia¹, Dănilă Mihai², Muller Raluca², Matei Alina², Comanescu Florin Constantin², Ionescu Alina³, Grigore Oana³, Dascălu Traian³, Sarua Andrei⁴

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Proceedings of the International Semiconductor Conference CAS

Nr. 4 / 2016 / ISSN 1857-4130

Disponibil online 13 December, 2023. Descarcări-0. Vizualizări-134

Porous vs. Magnetron rf sputtering of inp for portable THz-TDS in pharmaceutical and medical applications

Sirbu Lilian¹, Dănilă Mihai², Muller Raluca², Ghimpu Lidia¹, Dobletbaev R.³, Dascălu Traian⁴, Grigore (Sandu) O.⁴, Sarua Andrei⁵, Ursachi Veaceslav^{6,3}

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Nanotechnologies and Biomedical Engineering

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Disponibil online 17 June, 2019. Descarcări-0. Vizualizări-699

Superhydrophobic polytetrafluoroethylene coated micro-fluidic chip for bio-applications integrated with THz spectroscopy technology

Sirbu Lilian¹, Ghimpu Lidia¹, Muller Raluca², Voicu Victor², Dascălu Traian³, Sergentu Vladimir⁴, Dobletbaev R.⁵, Ursachi Veaceslav^{4,5}

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Disponibil online 14 June, 2019. Descarcări-0. Vizualizări-669

Synthesis of colloidal InP nanocrystal quantum dots

Sirbu Lilian¹, Gutsul Tatiana¹, Todosiciuc Alexandr¹, Dănilă Mihai², Muller Raluca², Sarua Andrei³, Webster R.³, Tiginyanu Ion^{1,4}, Ursachi Veaceslav^{4,5}

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Disponibil online 20 June, 2019. Descarcări-0. Vizualizări-659

2012 - 1

Hydrophobic ZnO used in EWOD technology and SAW devices for better bio-fluid slip at microchannel walls controlled by DC pulses

Sirbu Lilian¹, Ghimpu Lidia¹, Muller Raluca², Vodă Irina³, Tiginyanu Ion¹, Ursachi Veaceslav⁴, Dascălu Traian⁵

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2011 - 3

Nanoperforated indium phosphide for Terahertz imaging bio-applications

Esinenco Dorin¹, Sirbu Lilian², Vodă Irina³, Ghimpu Lidia², Muller Raluca⁴, Voicu Rodica Cristina⁴, Dănilă Mihai⁴, Leca Aureliu⁵, Dascălu Traian⁵, Tiginyanu Ion¹², Ursachi Veaceslav¹⁶

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Disponibil online 3 July, 2019. Descarcări-0. Vizualizări-728

Nanostructured film of indium phosphide as biosensor in 1D array electrowetting system

Sirbu Lilian¹, Vodă Irina², Esinenco Dorin³, Gangan Sergiu³, Muller Raluca⁴, Voicu Rodica Cristina⁵, Dănilă Mihai⁵, Ghimpu Lidia¹, Tiginyanu Ion¹², Ursachi Veaceslav³⁶

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Disponibil online 27 March, 2018. Descarcări-3. Vizualizări-840

Nanostructured indium phosphide used in electrowetting system for biosensor applications

Sirbu Lilian¹, Vodă Irina², Esinenco Dorin³, Muller Raluca⁴, Voicu Rodica Cristina⁴, Dănilă Mihai⁴, Ghimpu Lidia¹, Tiginyanu Ion¹³, Ursachi Veaceslav³⁵

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