

Lista publicațiilor: Bîzgan Serghei - 19 articole. Descărcări - 117. Vizualizări - 9485.

Articole în reviste din RM - 4. Publicații la conferințe din RM - 3. Publicații peste hotare - 12.

Improvement of ultraviolet C decontamination rate using composite quartz metamaterial

Paslari Tatiana R., Starodub Elena, Țurcan Marina, Munteanu Ion, Bazgan Sergiu, Enaki Nicolae

Institute of Applied Physics

GSC Biological and Pharmaceutical Sciences

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Disponibil online 24 November, 2022. Descărcări-3. Vizualizări-213

Olimpiada internațională de fizică 2021

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Fizica și Tehnologiile Moderne

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Olimpiada internațională de fizică 2022

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Disponibil online 5 May, 2023. Descărcări-5. Vizualizări-258

The efficiency of Screw channels in metamaterials for pathogen decontamination under ultraviolet C radiation

Enaki Nicolae, Paslari Tatiana R., Bazgan Sergiu, Starodub Elena, Marin Tatiana, Țurcan Marina

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International Journal of Medical Science and Clinical Invention

Nr. 6(9) / 2022 / ISSN - / ISSN 2348-991X

Disponibil online 19 November, 2022. Descărcări-12. Vizualizări-405

UVC radiation intensity dependence of pathogen decontamination rate: semiclassical theory and experiment

Enaki Nicolae¹, Paslari Tatiana R.¹, Bazgan Sergiu¹, Starodub Elena¹, Munteanu Ion¹, Țurcan Marina¹, Ereemeev Vitalie¹², Profir Aurelia¹³, Mihăilescu Ion⁴

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European Physical Journal Plus

Nr. 9(137) / 2022 / ISSN 2190-5444

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Olimpiada europeană de fizică 2021

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Cooperative UVC activation on metamaterial and Improvement of decontamination rate using the screw channels in it

Paslari Tatiana R., Ţurcan Marina, Bazgan Sergiu, Starodub Elena, Enaki Nicolae

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Nr. 2(6) / 2011 / ISSN 1857-405X

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Composite metamaterials for biological decontamination of fluids

Enaki Nicolae¹, Ţurcan Marina¹, Bazgan Sergiu¹, Starodub Elena¹, Paslari Tatiana R.¹, Nisteanu Andrei¹, Ristoscu Carmen², Mihăilescu Ion²

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Nr. 7 / 2007 / ISSN 1814-3237 / ISSN-e 1857-498X

Disponibil online 2 November, 2020. Descarcări-4. Vizualizări-529

Olimpiada municipală Chişinău de fizică 2020

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Control of quantum correlation between atoms placed in coupled cavities

Bazgan Sergiu

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Nr. 3(24) / 2012 / ISSN 1857-1328

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Cooperative effect between stokes and anti-stokes modes of nano-fibers stimulated by excited states of trapping atoms and its application

Țurcan Marina, Bazgan Sergiu, Nistoreanu Andrei

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Disponibil online 8 February, 2019. Descarcări-6. Vizualizări-729

Description of Bose-Einstein condensate of cold gas in interaction through virtual states of non-condensate atomic components

Bazgan Sergiu¹, Pezzè Luca², Smerzi Augusto², Enaki Nicolae³

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Physica A: Statistical Mechanics and its Applications

Nr. 503 / 2018 / ISSN 0378-4371

Disponibil online 4 May, 2018. Descarcări-1. Vizualizări-725

Efficient biological decontamination of translucent liquids and gases using optical periodical structures

Enaki Nicolae¹, Bazgan Sergiu¹, Nistoreanu Andrei¹, Tonu Viorica¹², Ciobanu Nelly¹², Țurcan Marina¹, Paslari Tatiana R.¹, Starodub Elena¹, Profir Aurelia¹, Ristoscu Carmen³, Mihăilescu Ion³

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Disponibil online 8 February, 2019. Descarcări-11. Vizualizări-830

Nanoparticle based decontamination of bacteria/pathogens

Enaki Nicolae¹, Paslari Tatiana R.¹², Starodub Elena¹, Bazgan Sergiu¹, Ristoscu Carmen³, Mihăilescu Ion³, Vaseashta Ashok⁴⁵

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Nr. 2 / 2018 / ISSN 1874-6500

Disponibil online 10 March, 2020. Descarcări-0. Vizualizări-694

Nanoparticle based decontamination of bacteria/pathogens

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Optical metamaterials for decontamination of translucent liquids and gases

Enaki Nicolae¹, Profir Aurelia¹², Ciobanu Nellu³⁴, Bazgan Sergiu³, Nistoreanu Andrei³, Ţurcan Marina³, Starodub Elena³, Paslari Tatiana R.³, Ristoscu Carmen⁵, Badiceanu Maria⁵⁶, Mihăilescu Ion⁵

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Nr. / 2018 / ISSN 0022-3727 / ISSN_e 1361-6463

Disponibil online 7 December, 2018. Descarcări-0. Vizualizări-870

Optical Metamaterials for Decontamination of Translucent Liquids and Gases

Enaki Nicolae¹, Ciobanu Nicolae¹, Bazgan Sergiu¹, Nistoreanu Andrei¹, Turcan Maria¹, Starodub Elena¹, Paslari Tatiana R.², Ristoscu Carmen², Mihăilescu Ion²

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Disponibil online 18 June, 2020. Descarcări-2. Vizualizări-645

Optoelectronics effects in modernization of advanced implants using periodical optical structure

Enaki Nicolae¹, Ţurcan Marina¹, Paslari Tatiana R.¹, Nistoreanu Andrei¹, Bazgan Sergiu¹, Ristoscu Carmen², Mihăilescu Ion²

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Disponibil online 5 September, 2021. Descarcări-0. Vizualizări-382

Prevention, Treatment and Tiagnosis of Pathogenic Infections by Using Pulsed Light Radiation Propagating Through Metamaterials

Enaki Nicolae¹, Paslari Tatiana R.¹, Ţurcan Marina¹, Bazgan Sergiu¹, Ristoscu Carmen², Mihăilescu Ion²

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