

Articole în reviste din RM - **22**. Publicații la conferințe din RM - **6**. Publicații peste hotare - **5**.
Publicații indexate în SCOPUS - **24**. Teze/Rezumat în culegeri - **12**.

2024 - 1

Advanced Nanotechnology-Based Approaches to Waste Water Purification from Organic Pollutants

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IFMBE Proceedings. 6th International Conference on Nanotechnologies and Biomedical Engineering

Nr. 3(303) / 2017 / ISSN 2587-4365 / ISSNNe 2587-4373

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2023 - 4

Advanced Nanotechnology-based Approaches to Waste Water Purification from Organic Pollutants

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IFMBE Proceedings Nanotechnologies and Biomedical Engineering

Nr. 3(82) / 2016 / ISSN 1024-7696 / ISSNNe 2587-4322

Disponibil online 11 October, 2023. Descarcări-0. Vizualizări-114

Kinetics and Mechanism of Methylene Blue Adsorption by a TiO₂/Diatomite Nanocomposite and Its Components

Datsko Tatiana, Zelentsov Veaceslav

Institute of Applied Physics, MSU

Surface Engineering and Applied Electrochemistry

Vol. 59, / 2023 / ISSN 1068-3755 / ISSNNe 1934-8002

Disponibil online 28 December, 2023. Descarcări-0. Vizualizări-90

Modeling of the adsorption of methylene blue onto clayey carbonate diatomite

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² Institutul de Geologie și Seismologie

Conference on Applied and Industrial Mathematics CAIM 2022

Nr. 4(65) / 2017 / ISSN - / ISSNNe 1582-5175

Disponibil online 21 March, 2024. Descarcări-1. Vizualizări-123

Кинетика и механизм адсорбции метиленового голубого нанокompозитом TiO₂/диатомит и его компонентами

Дацко Т., Зеленцов Вячеслав

Институт прикладной физики, ГУМ

Электронная обработка материалов

Nr. 3(59) / 2023 / ISSN 0013-5739 / ISSNe 2345-1718

Disponibil online 21 June, 2023. Descarcări-3. Vizualizări-202

2022 - 2

A hybrid photo catalyst for solving environmental problems

Datsko Tatiana¹, Zelentsov Veaceslav¹, Dvornikov Dmitri²

¹ Institute of Applied Physics,

² Institute of the Electronic Engineering and Nanotechnologies "D. Ghitu"

Ecological and environmental chemistry - 2022

Nr. 2 / 2014 / ISSN 1857-4440 / ISSNe 2587-3393

Disponibil online 18 March, 2022. Descarcări-2. Vizualizări-296

The visible light photocatalytic activity of hybrid photocatalyst tio2 /diatomite in dependence of the synthesis conditions

Datsko Tatiana, Zelensov Veacheslav

Institute of Applied Physics

Ecological chemistry ensures a healthy environment

Nr. 2(149) / 2013 / ISSN 1811-0770 / ISSNe 2587-411X

Disponibil online 3 October, 2022. Descarcări-4. Vizualizări-294

2020 - 1

Photocatalytic degradation of methylene blue with composite nanocrystalline Tio2+ Diatomite

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IFMBE Proceedings. 4th International Conference on Nanotechnologies and Biomedical Engineering

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

Disponibil online 26 October, 2020. Descarcări-1. Vizualizări-567

2019 - 5

A comparison of photocatalytic properties of nano-TiO2/diatomite hybrid composite and bulk titania

Datsko Tatiana, Zelentsov Veaceslav

Institute of Applied Physics

Achievements and perspectives of modern chemistry

Nr. 5(0) / 2007 / ISSN 1857-2103 / ISSNe 2345-1025

Disponibil online 5 November, 2019. Descarcări-0. Vizualizări-1208

Nanoscale-TiO₂/Diatomite Composite: Synthesis, Structure, and Thermal Stability

Datsko Tatiana, Zelentsov Veaceslav

Institute of Applied Physics

Surface Engineering and Applied Electrochemistry

Nr. 6(55) / 2019 / ISSN 1068-3755 / ISSN_e 1934-8002

Disponibil online 9 March, 2020. Descarcări-0. Vizualizări-773

Preparation and Properties of an Aluminum Hydroxide-Modified Diatomite Sorbent for Removal of Fluorides from Waters

Zelentsov Veaceslav¹, Datsko Tatiana¹, Politova Ekaterina², Volodina Galina¹, Smolyanskii A.²

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² Karpov Institute of Physics and Chemistry, Moscow

Surface Engineering and Applied Electrochemistry

Vol. 55, / 2019 / ISSN 1068-3755 / ISSN_e 1934-8002

Disponibil online 31 October, 2019. Descarcări-0. Vizualizări-1170

Исследование адсорбционного равновесия в системе метиленовый голубой + наноккомпозит TiO₂ / диатомит

Дацко Т., Зеленцов Вячеслав

Институт прикладной физики

Электронная обработка материалов

Nr. 4(55) / 2019 / ISSN 0013-5739 / ISSN_e 2345-1718

Disponibil online 21 August, 2019. Descarcări-4. Vizualizări-824

Композит нано-TiO₂/диатомит: синтез, структура и термостойкость

Дацко Т., Зеленцов Вячеслав

Институт прикладной физики

Электронная обработка материалов

Nr. 3(55) / 2019 / ISSN 0013-5739 / ISSN_e 2345-1718

Disponibil online 22 June, 2019. Descarcări-8. Vizualizări-944

2018 - 4

Adsorption behavior of photocatalyst ddt (diatomite / nanosized TiO₂)

Datsko Tatiana, Zelentsov Veaceslav

Institute of Applied Physics

Materials Science and Condensed Matter Physics

Nr. 4(64) / 2008 / ISSN 1810-9136

Disponibil online 11 February, 2019. Descarcări-2. Vizualizări-1244

Influence of the synthesis conditions of nano TI-O₂ / diatomite photocatalyst on its properties

Datsko Tatiana, Zelentsov Veaceslav

Institute of Applied Physics

Inginerie agrară și transport auto

Nr. 2 / 2007 / ISSN 1857-2073 / ISSN_e 2345-1033

Disponibil online 25 February, 2020. Descarcări-2. Vizualizări-848

Modeling of the kinetics of fluorine sorption onto modified trepel

Zelentsov Veaceslav, Datsko Tatiana

Institute of Applied Physics

Conference on Applied and Industrial Mathematics CAIM 2018

Nr. 2(72) / 2014 / ISSN 1857-2073 / ISSN 2345-1033

Disponibil online 31 May, 2022. Descarcări-0. Vizualizări-350

Адсорбент диатомит/гидроксид алюминия для удаления фтора и его свойства

Зеленцов Вячеслав¹, Дацко Т.¹, Политова Е.², Володина Галина¹, Смолянский А.²

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Электронная обработка материалов

Nr. 6(54) / 2018 / ISSN 0013-5739 / ISSN 2345-1718

Disponibil online 25 December, 2018. Descarcări-2. Vizualizări-1544

2017 - 2

Evaluation of an adsorbent on the base of diatomite to reduce the risk of eutrophication

Datsko Tatiana, Zelensov Veaceslav

Institute of Applied Physics, Academy of Sciences of Moldova

Ecological and environmental chemistry - 2017

Nr. 6(30) / 2006 / ISSN 1810-9551

Disponibil online 12 March, 2019. Descarcări-0. Vizualizări-762

Modelling of kinetics of fluorine adsorption onto modified diatomite

Zelentsov Veaceslav, Datsko Tatiana

Institute of Applied Physics, Academy of Sciences of Moldova

Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry

Nr. 1(18) / 2017 / ISSN 1582-540X

Disponibil online 9 June, 2022. Descarcări-1. Vizualizări-269

2016 - 5

Adsorption removal of fluoride from water by modified diatomite

Zelentsov Veaceslav, Datsko Tatiana

Institute of Applied Physics, Academy of Sciences of Moldova

The Environment and the Industry SIMI 2016 Book of abstracts

Nr. 3 / 2009 / ISSN 1857-4130

Disponibil online 4 August, 2020. Descarcări-0. Vizualizări-607

Effect of microstructure of modified diatomite on its adsorption properties

Datsko Tatiana, Zelentsov Veaceslav

Institute of Applied Physics, Academy of Sciences of Moldova

Chemistry, physics and technology of surface Devoted to the 30th anniversary of the founding of Chuiko Institute of Surface Chemistry of NAS of Ukraine. Workshop "Nanostructured biocompatible / bioactive materials"

Nr. 3-4(64) / 2009 / ISSN 1813-8489

Disponibil online 7 August, 2020. Descarcări-2. Vizualizări-626

Fluorine sorption by aluminosilicate-modified diatomite from highly concentrated fluorine solutions: 1. Adsorption equilibrium

Datsko Tatiana, Zelentsov Veaceslav

Institute of Applied Physics, Academy of Sciences of Moldova

Surface Engineering and Applied Electrochemistry

Nr. 3(52) / 2016 / ISSN 1068-3755 / ISSNe 1934-8002

Disponibil online 8 August, 2022. Descarcări-1. Vizualizări-300

Preparation and characterisation of TiO₂-diatomite nanocomposite

Datsko Tatiana¹, Zelentsov Veaceslav¹, Bolotin Oleg²

¹ Institute of Applied Physics, Academy of Sciences of Moldova,

² Institute of Geology and Seismology, ASM

Materials Science and Condensed Matter Physics

Nr. 3(4) / 2005 / ISSN 1810-648X / ISSNe 2537-6365

Disponibil online 30 July, 2019. Descarcări-3. Vizualizări-1055

Адсорбция фтора из растворов с высокой концентрацией диатомитом, модифицированным алюмосиликатом. Часть 1. Равновесие адсорбции.

Дацко Т., Зеленцов Вячеслав

Институт прикладной физики АНМ

Электронная обработка материалов

Nr. 3(52) / 2016 / ISSN 0013-5739 / ISSNe 2345-1718

Disponibil online 11 November, 2016. Descarcări-2. Vizualizări-911

2015 - 1

Possibility of water cleaning from fluorine using DMA in batch column method

Zelentsov Veaceslav, Datsko Tatiana

Institute of Applied Physics, Academy of Sciences of Moldova

Inginerie agrară și transport auto

Nr. 1(37) / 2008 / ISSN 1810-9551

Disponibil online 21 March, 2019. Descarcări-2. Vizualizări-671

2014 - 3

Adsorption capacity of polymeric luminescent Zn(II) and Cd(II) dicarboxylates decorated by oxime ligands

Croitor Lilia¹, Coropceanu Eduard², Siminel Anatolii¹, Zelentsov Veaceslav¹, Datsko Tatiana¹, Fonari Marina¹

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² Institute of Chemistry of the Academy of Sciences of Moldova

Materials Science and Condensed Matter Physics

Nr. 3(21) / 2005 / ISSN 1810-9551

Disponibil online 6 March, 2019. Descarcări-4. Vizualizări-923

Kinetics of sorptive removal of fluorine onto modified diatomite

Datsko Tatiana, Zelentsov Veaceslav

Institute of Applied Physics, Academy of Sciences of Moldova

Materials Science and Condensed Matter Physics

Nr. 3(21) / 2005 / ISSN 1810-9551

Disponibil online 5 March, 2019. Descarcări-1. Vizualizări-1101

Rețea internațională pentru monitorizarea mediului și minimizarea consecințelor ecologice în Bazinul Mării Negre

Dvornikov Dmitri¹, Tăriță Anatolie², Lozan Raisa², Dațco Tatiana³, Zelentov Veaceslav³

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² Institutul de Ecologie și Geografie al AȘM,

³ Institutul de Fizică Aplicată al AȘM

Revista de Știință, Inovare, Cultură și Artă „Akademos”

Nr. 3(34) / 2014 / ISSN 1857-0461 / ISSN_e 2587-3687

Disponibil online 4 December, 2014. Descarcări-12. Vizualizări-1032

2012 - 3

Adsorption equilibrium isotherm calculation

Zelentsov Veaceslav, Datsko Tatiana

Institute of Applied Physics

Materials Science and Condensed Matter Physics

Nr. 2(17) / 2006 / ISSN 1810-1852 / ISSN_e 1810-1879

Disponibil online 25 March, 2020. Descarcări-0. Vizualizări-593

The concerted anion/dioxime control over dimensionality of Zn(II) and Cd(II) coordination polymers with luminescent and adsorption properties

Croitor Lilia¹, Coropceanu Eduard², Siminel Anatolii¹, Zelentsov Veaceslav¹, Datsko Tatiana¹, Fonari Marina¹

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² Institute of Chemistry of the Academy of Sciences of Moldova

Materials Science and Condensed Matter Physics

Nr. 2(17) / 2006 / ISSN 1810-1852 / ISSN_e 1810-1879

Disponibil online 6 March, 2020. Descarcări-0. Vizualizări-856

Применение адсорбционных моделей для описания равновесия в системе оксигидроксид алюминия - фтор

Зеленцов Вячеслав, Дацко Т.

Институт прикладной физики АНМ

Электронная обработка материалов

Nr. 6(48) / 2012 / ISSN 0013-5739 / ISSNе 2345-1718

Disponibil online 22 January, 2014. Descarcări-8. Vizualizări-1128

2011 - 3

Characterization of diatomite modified by structural chemical method

Zelentsov Veaceslav, Datsko Tatiana, Dvornicova Elena

Institute of Applied Physics, Academy of Sciences of Moldova

Annual Congress of the American Romanian Academy of Arts and Sciences. Proceedings of the 35th ARA Congress

Nr. 4(34) / 2017 / ISSN 0882-4096

Disponibil online 12 March, 2024. Descarcări-0. Vizualizări-102

Physicochemical and Adsorption Structural Properties of Diatomite Modified with Aluminum Compounds

Datsko Tatiana, Zelentsov Veaceslav, Dvornicova Elena

Institute of Applied Physics, Academy of Sciences of Moldova

Surface Engineering and Applied Electrochemistry

Nr. 6(47) / 2011 / ISSN 1068-3755 / ISSNе 1934-8002

Disponibil online 13 December, 2013. Descarcări-1. Vizualizări-864

Физико-химические и адсорбционно-структурные свойства диатомита, модифицированного соединениями алюминия

Дацко Т., Зеленцов Вячеслав, Дворникова Е.

Институт прикладной физики АНМ

Электронная обработка материалов

Nr. 6(47) / 2011 / ISSN 0013-5739 / ISSNе 2345-1718

Disponibil online 23 March, 2017. Descarcări-1. Vizualizări-932

2010 - 1

S.P 22 Разработка и характеристика сорбента на основе местного диатомита, поверхностно модифицированного алюмосиликатными соединениями

Дацко Т., Зеленцов Вячеслав

Институт прикладной физики

Materials Science and Condensed Matter Physics

Nr. 16(29) / 2012 / ISSN 1857-0054

Disponibil online 22 April, 2021. Descarcări-4. Vizualizări-361

2009 - 2

Dependence of the Surface Charge and the Fluorine Adsorption by Aluminum Oxide on the Solution Temperature

Datsko Tatiana, Zelentsov Veaceslav

Institute of Applied Physics, Academy of Sciences of Moldova

Surface Engineering and Applied Electrochemistry

Nr. 5(45) / 2009 / ISSN 1068-3755 / ISSNе 1934-8002

Disponibil online 30 November, 2013. Descarcări-2. Vizualizări-880

Зависимость поверхностного заряда и адсорбции фтора у-окисью алюминия от температуры раствора

Дацко Т., Зеленцов Вячеслав

Институт прикладной физики АНМ

Электронная обработка материалов

Nr. 5(45) / 2009 / ISSN 0013-5739 / ISSNе 2345-1718

Disponibil online 5 April, 2017. Descarcări-1. Vizualizări-782

2008 - 4

Fluorine Adsorption by Aluminum Oxihydrates Subjected to Thermal Treatment

Zelentsov Veaceslav, Datsko Tatiana, Dvornicova Elena

Institute of Applied Physics, Academy of Sciences of Moldova

Surface Engineering and Applied Electrochemistry

Nr. 1(44) / 2008 / ISSN 1068-3755 / ISSNе 1934-8002

Disponibil online 14 December, 2013. Descarcări-0. Vizualizări-969

Temperature Influence on the Equilibrium and Kinetics of Fluoride-Ion Adsorption by Heat-Treated Al Oxyhydrates

Zelentsov Veaceslav, Datsko Tatiana, Dvornicova Elena

Institute of Applied Physics, Academy of Sciences of Moldova

Surface Engineering and Applied Electrochemistry

Nr. 3(44) / 2008 / ISSN 1068-3755 / ISSNе 1934-8002

Disponibil online 28 November, 2013. Descarcări-0. Vizualizări-863

Адсорбция фтора термообработанными оксигидратами алюминия

Зеленцов Вячеслав, Дацко Т., Дворникова Е.

Институт прикладной физики АНМ

Электронная обработка материалов

Nr. 1(44) / 2008 / ISSN 0013-5739 / ISSNе 2345-1718

Disponibil online 9 March, 2023. Descarcări-0. Vizualizări-185

Влияние температуры на равновесие и кинетику адсорбции фторид-ионов термообработанными оксигидратами Al

Зеленцов Вячеслав, Дацко Т., Дворникова Е.

Институт прикладной физики АНМ

Электронная обработка материалов

Nr. 3(44) / 2008 / ISSN 0013-5739 / ISSNе 2345-1718

Disponibil online 15 April, 2017. Descarcări-0. Vizualizări-706

2006 - 2

Active pore materials based on sludges of Cr-Ni alloy electrochemical machining

Zelentsov Veaceslav, Datsko Tatiana

Institute of Applied Physics, Academy of Sciences of Moldova

Moldavian Journal of the Physical Sciences

Nr. 2(5) / 2006 / ISSN 1810-648X / ISSNe 2537-6365

Disponibil online 19 November, 2013. Descarcări-4. Vizualizări-828

Электрообработка природных сорбентов

Зеленцов Вячеслав, Дацко Т.

Институт прикладной физики АНМ

Электронная обработка материалов

Nr. 3(42) / 2006 / ISSN 0013-5739 / ISSNe 2345-1718

Disponibil online 10 March, 2023. Descarcări-0. Vizualizări-223

2005 - 1

Свойства и пористая структура модифицированных отходов винодельческой промышленности

Зеленцов Вячеслав, Дацко Т., Ковалёв Виктор

Институт прикладной физики АНМ

Электронная обработка материалов

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