ROMÂNIA
MINISTERUL EDUCAȚIEI ȘI CERCETĂRII
UNIVERSITATEA „VASILE ALECSANDRI" DIN BACĂU
Calea Mărășești, Nr. 157, Bacău, 600115
Tel. +40-234-542411, fax +40-234-545753
www.ub.ro ; e-mail: rector@ub.ro

Anexa 5

Nr. 86 / 11.03.2026

Lista de publicații

Nume prenume : DIACONESCU (DOROFTEI) Raluca-Florența
Data înmatricularii : 02.10.2019
Domeniul de doctorat : Ingineria Mediului
Conducător de doctorat : Prof. univ. dr. ing. habil. Ileana-Denisa NISTOR

1. ISI

DOROFTEI, R.F.; MIRILA, D.; SILION, M.; IONITA, D.; ROSU, A.-M.; MUNTEANU, C.; ISTRATE, B.; MUNTIANU, G.; GEORGESCU, A.-M.; NISTOR, I.-D. Clays as Dual-Function Materials for TNT Adsorption and Catalytic Degradation: An Experimental Approach. Materials (ISSN 1996-1944), 2025, 18, 3824, doi:https://doi.org/10.3390/ma18163824.

DOROFTEI R.F.; SILION M.; IONIȚA D.; DASCALU A.; NEDEFF F.; GEORGESCU A.-M.; ROȘU A.- M.; MIRILA D.; NISTOR I.-D. From Nature to Remediation: Biomaterials for Malachite Green Retention and Degradation, Materials (ISSN 1996-1944), 2025, 18(18), 4374; https://doi.org/10.3390/ma18184374.

2. PARTICIPĂRI LA CONFERINȚE NAȚIONALE ȘI INTERNAȚIONALE

DOROFTEI Raluca, MUNTIANU Gabriela, JINESCU Gheorghe, URSU Andrei-Viorel, NISTOR Ileana-Denisa, Studies on Using Clay-Cellulose Composites in the Process of Water Pollution, The 17th International Conference CONSTRUCTIVE AND TECHNOLOGICAL DESIGN OPTIMIZATION IN THE MACHINES BUILDING FIELD, OPROTEH 2022, 25-27 May 2022, Bacău, România, oral presentation, http://oproteh.ub.ro;

DIACONESCU (DOROFTEI) Raluca-Florenta, HORTOLOMEU Andreea, ANASIE Răzvan-Cristian, MUNȚIANU Gabriela, ROȘU Ana-Maria, GEORGESCU Ana-Maria, NISTOR Ileana-Denisa, Studies on the Use of Clay-Based Materials in the Retention Processes of Some Aromatic Pollutants, Possibly Used in the Military Industry, The 18th International Conference CONSTRUCTIVE AND TECHNOLOGICAL DESIGN OPTIMIZATION IN THE MACHINES BUILDING FIELD, OPROTEH 2023, 11-13 May 2023, Bacău, România, oral presentation, http://oproteh.ub.ro;

DOROFTEI Raluca, MIRILĂ Diana-Carmen, GEORGESCU Ana-Maria, ROȘU Ana-Maria, NISTOR Ileana-Denisa, Studies on the Use of Clay-Based Nanomaterials in the Processes of Neutralizing Environments Contaminated with Pollutants from the Military Industry, International Conference MODERN TECHNOLOGIES IN THE FOOD INDUSTRY, 17-18 October 2024, Chișinău, Republica Moldova, abstract. https://conferinte.stiu.md/sites/default/files/evenimente/Program-MFTI-2024_17-18%20october.pdf;

MIRILĂ Diana-Carmen, DOROFTEI Raluca, GEORGESCU Ana-Maria, ROȘU Ana-Maria, NISTOR Ileana-Denisa, Comparative Study Between the Adsorbent Material Based on Clay and the Biological Material Extracted from Cyprinus carpio, International Conference MODERN TECHNOLOGIES IN THE FOOD INDUSTRY, 17-18 October 2024, Chișinău, Republica Moldova, abstract. https://repository.utm.md/handle/5014/31132;

MIRILĂ Diana-Carmen, DIACONESCU (DOROFTEI) Raluca-Florenta, ROȘU Ana-Maria, NISTOR Ileana-Denisa, URECHE Dorel, Comparative Study Between Clay-Based Adsorbent/Catalyst Material and Biological Materials Derived from Cyprinus carpio, The 19th International Conference CONSTRUCTIVE AND TECHNOLOGICAL DESIGN OPTIMIZATION IN THE MACHINES BUILDING FIELD, OPROTEH 2024, 22-24 May 2024, Bacău, România, poster. http://oproteh.ub.ro;

DIACONESCU (DOROFTEI) Raluca-Florenta, MIRILĂ Diana-Carmen, GEORGESCU Ana-Maria, ROȘU Ana-Maria, NISTOR Ileana-Denisa, Retention of 2,4,6- trinitrotoluene widely used in the military industry on pillared clays, The 19th International Conference CONSTRUCTIVE AND TECHNOLOGICAL DESIGN OPTIMIZATION IN THE MACHINES BUILDING FIELD, OPROTEH 2024, 22-24 May 2024, Bacău, România, poster. http://oproteh.ub.ro;

DIACONESCU (DOROFTEI) Raluca-Florenta, MIRILĂ Diana-Carmen, ROȘU Ana-Maria, GEORGESCU Ana-Maria, NISTOR Ileana-Denisa, Synthesized Organoclays For The Retention and Catalytic Degradation of Methyl Parathion, The 20th International Conference CONSTRUCTIVE AND TECHNOLOGICAL DESIGN OPTIMIZATION IN THE MACHINES BUILDING FIELD, OPROTEH 2025, 21-23 May 2025, Bacău, România, abstract & poster. http://oproteh.ub.ro;

DIACONESCU (DOROFTEI) Raluca-Florenta, MIRILĂ Diana-Carmen, ROȘU Ana-Maria, GEORGESCU Ana-Maria, MUNTIANU Gabriela, NISTOR Ileana-Denisa, Retention and Catalytic Degradation of 2,4,6- Trinitrotoluene using synthesized organoclays, The 20th International Conference CONSTRUCTIVE AND TECHNOLOGICAL DESIGN OPTIMIZATION IN THE MACHINES BUILDING FIELD, OPROTEH 2025, 21-23 May 2025, Bacău, România, abstract & poster. http://oproteh.ub.ro;

MIRILĂ Diana-Carmen, SILION Mihaela, DOROFTEI Raluca-Florenta, ROȘU Ana-Maria, GEORGESCU Ana-Maria, NEDEFF Florin-Marian, MUNTIANU Gabriela, NISTOR Ileana-Denisa, Comparative Analysis of Clay-Based Adsorbents and Biological Adsorbents Derived from Cyprinus carpio, International Conference APPLICATIONS OF CHEMISTRY IN NANOSCIENCES AND BIOMATERIALS ENGINEERING, NanoBioMat 2025 Summer Edition, 25-27 June 2025, România, abstract & poster. https://nanobiomat.eu.

Calea Mărăşeşti, Nr. 157, Bacău, 600115
Tel. +40-234-542411, tel./fax +40-234-545753
www.ub.ro; e-mail:rector@ub.ro

DOROFTEI Raluca Florența, SILION Mihaela, NEDEFF Florin, GEORGESCU Ana-Maria, ROȘU Ana-Maria, MIRILA Diana-Carmen, PANAINTE-LEHADUȘ Mirela și NISTOR Ileana-Denisa, Valorificarea subproduselor piscicole din *Cyprinus Carpio* pentru obținerea de biomateriale inovative funcționalizate, Salonul Inovării și Cercetării UGAL INVENT, 23 - 24 Octombrie 2025, Galați www.invent.ugal.ro;

DOROFTEI Raluca Florența, MIRILA Diana, SILION Mihaela, IONITA Daniela, ROȘU Ana-Maria, MUNTIANU Gabriela, GEORGESCU Ana-Maria, NISTOR Ileana-Denisa, EURO POLITEHNICUS 2025, International Innovation and Invention Show Second edition 21-23 noiembrie 2025, New Insights into Clay Materials for TNT Adsorption and Catalysis, https://politehnicus.upb.ro/.

DOROFTEI Raluca Florenta, MIRILA Diana, Silion Mihaela, Istrate Daniela, ROSU Ana-Maria, Muntianu Gabriela, GEORGESCU Ana-Maria, NISTOR Ileana Denisa, Clays as Dual-Function Materials in TNT Adsorption and Catalysis, Applications of Chemistry in Nanosciences and Biomaterials Engineering, NanoBioMat 2025 - Winter Edition, 26-28 noiembrie 2025, https://nanobiomat.eu/download/nanobiomat2025_w_program/.

Data : 11.03.2026

Conducător de doctorat,
Prof. univ. dr. ing. habil. NISTOR Ileana-Denisa

Semnătura,

Student-doctorand,
DIACONESCU (DOROFTEI) Raluca-Florența

Semnătura,

Calea Mărășești, Nr. 157, Bacău, 600115
Tel. +40-234-542411, tel./fax +40-234-545753
www.ub.ro; e-mail:rector@ub.ro