Diana-Carmen Mirilă

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EXPERIENȚA PROFESIONALĂ

2024 – ÎN CURS Bacău, România
CADRU DIDACTIC ASOCIAT UNIVERSITATEA "VASILE ALECSANDRI" DIN BACĂU

ASISTENT MANAGER SC PRODRILLING CONSTRUCT SRL

DIRECTOR DEPARTAMENT ADMINISTRAȚIE SC ANGEL SMILE SRL

ASISTENT MANAGER SC ANGEL SMILE SRL

EDUCAȚIE ȘI FORMARE PROFESIONALĂ

DOCTOR ÎN INGINERIA MEDIULUI Universitatea ”Vasile Alecsandri” din Bacău

CERTIFICAT DE COMPETENȚE PEDAGOGICE NIVEL II Universitatea "Vasile Alecsandri" din Bacău

CERTIFICAT DE COMPETENȚE PEDAGOGICE NIVEL I Universitatea "Vasile Alecsandri" din Bacău

DIPLOMĂ DE ECONOMIST Universitatea "Vasile Alecsandri" din Bacău

DIPLOMĂ DE MASTER Universitatea "Vasile Alecsandri" din Bacău

Domeniu de studiu Inginerie chimică

DIPLOMĂ DE INGINER Universitatea ”Vasile Alecsandri” din Bacău

Domeniu de studiu Ingineria Produselor Alimentare

COMPETENȚE LINGVISTICE

Limbă(i) maternă(e): **ROMÂNĂ**

Altă limbă (Alte limbi):

	COMPREHENSIUNE		VORBIT		SCRIS
	Comprehensiune orală	Citit	Exprimare scrisă	Conversație	
ENGLEZA	C1	C1	C1	C1	C1
FRANCEZĂ	A2	A2	A2	A2	B1

Niveluri: A1 și A2 Utilizator de bază B1 și B2 Utilizator independent C1 și C2 Utilizator experimentat

COMPETENȚE DIGITALE

Utilizator avansat al pachetului Office, precum și a unor programe ca EndNote și Prism. | Buna utilizare a programelor de contabilitate Saga si Mentor | Cunoștințe generale de National Instruments LabView

PUBLICAȚII

2018
Total mineralization of Malachite Green dye by advanced oxidation processes, Acta Chemica, Iași

DOI: 10.2478/achi-2018-0017

2018
Activated adsorption on clay of micropollutants from paper printing industry, Scientific Study & Research, Chemistry & Chemical Engineering, Biotechnology, Food Industry

file:///C:/Users/PEAQ/Downloads/CSCC6201801V01S01A0007%20(3).pdf

2019
Capitol de carte: Advances in the oxidative degradation of organic pollutants: prospects for catalyzed oxidation processes and targeting total mineralization, Nova Publishers

Link https://novapublishers.com/shop/advances-in-chemistry-research-volume-49/

2019
Acid-treated clay catalysts for organic dye ozonation- thorough mineralization through optimum catalyst basicity and hydrophilic character, Journal of hazardous materials

Link https://doi.org/10.1016/j.jhazmat.2018.09.070;

2020
Organic Dye Ozonation Catalyzed by Chemically Modified Montmorillonite K10– Role of Surface Basicity and Hydrophilic Character; Ozone: Science & Engineering

Link https://doi.org/10.1080/01919512.2020.1727727

2020
High Pollution with Heavy Metals NATURA 2000 Protected Area in Bacau County, Eastern Romania; Revista de Chimie București

https://doi.org/10.37358/Rev. Chim.1949

2021
Oxidative study of Acid Yellow 23 using K10-Montmorillonite chemically modified, Journal of Engineering Sciences and Innovation

http://doi.org/10.56958/jesi.2021.6.2.159

Link https://jesi.astr.ro/wp-content/uploads/2021/06/6_DIANA-CARMEN-MIRILA.pdf;

2022
Silver Nanoparticles Incorporated on Natural Clay as an Inhibitor against the New ISO SS Bacteria Isolated from Sewage Sludge, Involved in Malachite Green Dye Oxidation

https:// doi.org/10.3390/molecules27185791

2023
Retention of Phthalates in Wine Using Nanomaterials as Chemically Modified Clays with H20, H30, H40 Boltron Dendrimers

https://doi.org/10.3390/nano13162301

2024
Chemically modified clay adsorbents used in the retention of protein and polyphenolic compounds from Sauvignon Blanc white wine, Nanomaterials (Basel) 2024;14(7):588

https://doi.org/10.3390/nano14070588

2024
Electromagnetic field application in fluidization of metallic particles, Scientific Study & Research, Chemistry & Chemical Engineering, Biotechnology, Food Industry

https://doi.org/10.29081/ChIBA.2024.625

PREMII

Articole - competiția 2019

PN-III-P1-1.1- PRECISI-2019- 34068
Acid-treated clay catalysts for organic dye ozonation - Thorough mineralization through optimum catalyst basicity and hydrophilic character

Articole - competiția 2022

PN-IV-P2-2.3-PRECISI-2023-84546
Silver Nanoparticles Incorporated on Natural Clay as an Inhibitor against the New ISO SS Bacteria Isolated from Sewage Sludge, Involved in Malachite Green Dye Oxidation