Curriculum vitae Europass



Informaţii personale

Nume / Prenume	**Radulescu Cristiana**
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E-mail	cristiana.radulescu@valahia.ro; radulescucristiana@yahoo.com
Naţionalitate	Romana
Data naşterii	21.08.1967
Sex	Feminin

Locul de munca vizat/ Domeniul ocupaţional

Profesor universitar / Director
Universitatea Valahia din Târgoviște / Institutul de Cercetare Științifică și Tehnologică Multidisciplinară

Experienţa profesionala

Perioada

01.10.2014 – prezent
01.08.2016 - prezent
01.01.2022 – 31.12.2025

Funcţia sau postul ocupat

Profesor universitar Habilitat din anul 2021
(Atestat de abilitare și conducător de doctorat în Domemiul Ingineria Mediului conform ORD MS 5415/07.10.2021, în cadrul Școlii Doctorale Inginerie Chimica si Biotehnologii, Universitatea Politehnica din București)
Director - Institutul de Cercetare Stiintifica și Tehnologică Multidisciplinară (ICSTM) din cadrul Universității Valahia din Târgoviște
Membru in Comitetul Executiv al European Chemical Society (EuChemS)
https://www.euchems.eu/about-us/executive-board/

Activitaţi şi responsabilitaţi principale

1. **Activitaţi didactice**: Susţinere de cursuri/prelegeri: Chimie Anorganică şi Analitică, Chimie Generală, Chimia Nemetalelor, Chimia Metalelor, Chimie Coordinativă, Compuși Organometalici, Chimie Anorganică (Licență), Metode de depoluare, Legislatia Mediului (Master); Îndrumare/coordonare lucrari de licenţa şi disertaţie; Conducere lucrari gradul I; Tutore practică la UBB.

2. **Activitaţi de evaluare**: Președinte în comisii de Licența/ Disertaţie; Președinte/Membru în comisii de definitivat şi gradul II; Membru în comisii de concurs pentru profesor/conferentiar/lector/cercetator științific gradul III, cercetator științific și asistent de cercetare; Membru în comisii de sustinere publică a tezelor de doctorat (Universitatea București, Universitatea Politehnica din București, USAMV etc.); Coordonare lucrări de doctorat – Universitatea București; Evaluator proiecte UEFISCDI; Coordonarea activitatii de centralizare și raportare a indicatorilor de calitate pe universități și ramuri de știință IC2 (CNFIS); Evaluare privind conformitatea/evaluare și verificare a constanței performanței produselor, pentru Directiva 2009/48/CE (RENAR).

3. **Activitate de cercetare şi publicistică** - director/membru/expert în contracte de cercetare-dezvoltare-inovare internaţionale şi naţionale, proiecte de dezvoltare instituțională (FDI), proiecte POCU, producţie ştiinţifică în domeniul chimiei; Expert în cadrul proiectului "Imbunatatirea politicilor publice în Invatamantul superior și creșterea calității reglementarilor prin actualizarea standardelor de calitate - QAFIN" (Cod SIPOCA/SMIS2014+: 16), implementat de MEN și ARACIS; Responsabil UVT în cadrul cooperarilor științifice cu JINR Dubna, Russia.

4. **Activitați de conducere și responsabilitaţi în cadrul ICSTM şi universitaţii**: activitați de conducere și organizare a ICSTM; coordonarea și dezvoltarea de parteneriate ştiinţifice naţionale şi internaţionale, colaborari ştiinţifice cu mediul industrial, incubare şi transfer tehnologic; activitați ca

membru în Consiliul de Administratie al UVT; activitați ca Presedinte al Comisiei pentru Asigurarea Calitații; activitați ca membru în Consiliul Profesoral al Facultaţii de Ştiinţe şi Arte în perioada 2007 – prezent; activitați ca membru în Consiliul Departamentului de Științe și Tehnologii Avansate al Facultaţii de Ştiinţe şi Arte;
5. **Activitaţi editoriale**: Editor sef al revistei *Journal of Science and Arts, indexata WoS*, (www.josa.ro); editor volume Book of Abstracts la diferite conferinte internationale/nationale, scoli de vară; Guest editor al Coatings, Journal of Chemistry, World Journal of Applied Chemistry.
6. **Responsabilitaţi în cadrul Filialei Targoviste a Societații de Chimie din Romania**: activitați de organizare și conducere în cadrul Filialei Targoviște a SChR, ca președinte al Filialei din noiembrie 2006 pâna în prezent. Membru în Biroul executiv al SChR; Organizare de conferințe naționale și internaționale sub egida SChR; Membru EUCHEMS–Division of Chemical Education. Membru in Comitetul Executiv al European Chemical Society (EuChemS)

Numele şi adresa angajatorului: Universitatea Valahia din Targoviste, B-dul Regele Carol I, nr. 2, 130024 Targoviste, Dâmbovița

Tipul activitatii prestate: Academic, Cercetare

Perioada: **01.10.2014 – prezent**
01.04.2012 - 01.05.2016

Funcţia sau postul ocupat: **Profesor universitar**
Prodecan – Facultatea de Științe și Arte

Activitaţi şi responsabilitaţi principale:
1. **Activitaţi didactice**:
Susţinere de cursuri/prelegeri: Chimie Anorganică şi Analitică, Chimie Generală, Chimia Nemetalelor, Chimia Metalelor, Chimie Coordinativă, Compuși Organometalici, Chimie Anorganică, Bazele Ingineriei Chimice; Îndrumare/coordonare/conducere lucrari de licenţă şi disertaţie; Conducere lucrari gradul I.
2. **Activitaţi de evaluare**: Președinte în comisii de Licența/Disertaţie; Președinte / Membru în comisii de definitivat şi de gradul II; Membru în comisii de concurs pentru Cercetator III, Cercetator si Asistent de cercetare la ICSTM-UVT ; Membru în comisii de sustinere publică a tezelor de doctorat (Universitatea București); Membru în comisiile de îndumare lucrări de doctorat – Universitatea București, Facultatea de Fizică.
3. **Activitate de cercetare şi publicistica** - director/membru în contracte de cercetare-dezvoltare internaţionale şi naţionale, producţie ştiinţifica în domeniul chimiei.
4. **Activitați de conducere și responsabilitaţi în cadrul facultaţii şi universitaţii**: activitați de conducere și organizare în calitate de Prodecan al Facultații de Științe și Arte; activitați ca membru în Consiliul pentru Cercetare și Creație Universitara; activitați ca membru în Consiliul pentru Invațamânt și Asigurarea Calitații; activitați ca membru în Consiliul pentru Probleme Sociale și Studențești; activitați ca membru în Consiliul pentru Dezvoltare Instituționala și Relații Internaționale; activitați ca membru în Consiliul Profesoral al Facultaţii de Ştiinţe şi Arte în perioada 2007 – prezent; activitați ca membru în Consiliul Departamentului de Științe și Tehnologii Avansate al Facultaţii de Ştiinţe şi Arte din 2012 – prezent; persoana de contact implicata în conducerea și organizarea activitaților de acreditare a specializarilor din domeniul Chimie (Licenta si Master) din cadrul Facultații de Științe și Arte; coordonarea activitații de admitere ca membru în comisia de admitere pe facultate;
5. **Activitaţi editoriale**: Editor al revistei *Journal of Science and Arts*, indexata WoS (www.josa.ro); editor volume Book of Abstracts la diferite conferinte internationale/nationale, scoli de vară;
6. **Responsabilitaţi în cadrul Filialei Targoviste a Societații de Chimie din Romania**: activitați de organizare și conducere în cadrul Filialei Targoviște a SChR, ca președinte al Filialei din noiembrie 2006 până în prezent; Membru în Biroul executiv al SChR; Organizare de conferințe naționale și internaționale sub egida SChR;

Numele şi adresa angajatorului: Universitatea Valahia din Targoviste, B-dul Regele Carol I, nr. 2, 130024 Targoviste, Dâmbovița

Tipul activitatii prestate: Academic, Cercetare

Perioada: **01.10.2008 – 01.10.2014**

Funcţia sau postul ocupat: **Conferenţiar universitar**

Activitaţi şi responsabilitaţi principale:
1. **Activitaţi didactice**:
Susţinere de cursuri/prelegeri: Chimie Anorganică, Chimie Anorganică şi Analitică, Chimie 1 (Bazele Chimiei Anorganice), Chimie 2 (Chimia Nemetalelor), Chimie 3 (Chimia Metalelor), Bazele Ingineriei Chimice, Chimie Coordinativă, Compuși Organometalici, Tehnici Analitice pentru Controlul

	Poluanţilor din Mediu (Master), Metodologia Cercetarii Științifice (Master); *Conducere de lucrări de laborator/seminar/proiect*: Chimie Anorganică, Chimie Anorganica şi Analitica, Bazele Ingineriei Chimice, Tehnici Analitice pentru Controlul Poluanţilor din Mediu, Chimia Compușilor Coordinativi; *Îndrumare/coordonare/conducere* lucrari de licenţa şi disertaţie; Conducere lucrări gradul I 2. **Activitaţi de evaluare**: Președinte / Membru în comisii de Licența (Chimie); Președinte / Membru în comisii de Disertaţie (Master - Metode fizico-chimice de analiza pentru îmbunatăţirea calitaţii vieţii şi a mediului); Președinte / Membru în comisii de definitivat şi de gradul II; Membru în comisii de concurs pentru Cercetator III si Asistent de cercetare la ICSTM-UVT ; Membru în comisii de concurs cadre didactice: lector universitar, conferențiar universitar; Membru în comisii de sustinere publică a tezelor de doctorat (Universitatea București, Facultatea de Fizică). 3. **Activitate de cercetare şi publicistică** - director/membru în 10 contracte de cercetare-dezvoltare internaţionale şi naţionale, producţie ştiinţifică în domeniul chimiei. 4. **Activitați și responsabilitaţi în cadrul facultaţii şi universitaţii**: activitați ca membru în Consiliul Profesoral al Facultaţi de Ştiinţe şi Arte în perioada 2007 – prezent; activitați ca membru în Consiliul Departamentului de Științe și Tehnologii Avansate al Facultaţii de Ştiinţe şi Arte din 2012 – prezent; persoana de contact implicata în conducerea și organizarea activităților de acreditare a specializarilor Chimie (Licența) și Metode fizico-chimice de analiza pentru îmbunatăţirea calitaţii vieţii şi a mediului (Master) din cadrul Facultații de Științe și Arte; coordonarea activitații de admitere ca membru în comisia de admitere pe facultate; 5. **Activitaţi editoriale**: Editor al revistei *Journal of Science and Arts* (www.josa.ro), indexata BDI. 6. **Responsabilitaţi în cadrul Filialei Targoviste a Societații de Chimie din Romania**: activitați de organizare și conducere în cadrul Filialei Targoviște a SChR, ca președinte al Filialei din noiembrie 2006 până în prezent.
Numele şi adresa angajatorului	Universitatea Valahia din Targoviste, B-dul Regele Carol I, nr. 2, 130024 Targoviste, Dâmbovița
Tipul activitatii prestate	Academic, Cercetare
Numele şi adresa angajatorului	Universitatea Valahia din Targoviste, B-dul Regele Carol I, nr. 2, 130024 Targoviste, Dâmbovița
Perioada	**01.03.1999 – 01.10.2008**
Funcţia sau postul ocupat	**Lector universitar**
Activitaţi şi responsabilitaţi principale	**1. Activitaţi didactice:** a) susţinere de cursuri/prelegeri: Chimie Anorganica şi Analitica, Chimie 1 (Bazele Chimiei Anorganice), Chimie 2 (Chimia Nemetalelor), Chimie 3 (Chimia Metalelor), Chimia compuşilor coordinativi, Chimie Tehnica, Tehnici analitice pentru controlul poluanţilor din mediu (Master), Chimia Mediului (Master), Alotropie, Izotropie, Izomorfism (DPPD), Emisii Poluante. Metode de reducere a acestora (15.10.2006-15.11.2006) – Centrul Regional de Consultanţa şi Perfecţionare în Eco-Management - Program PHARE 2003 Coeziune Economica şi Sociala – Promovarea Capitalului Uman; Protecţia Mediului în Contextul Legislaţiei Europene (20.05.2007-15.06.2007) – Dezvoltarea Resurselor Umane, Transfer de Eurocompetenţe: Calea spre Excelenţa în Afaceri - Program PHARE 2004. b) conducere de lucrari de laborator/seminar/proiect: Chimie Anorganica şi Analitica, Chimia Nemetalelor, Tehnici analitice pentru controlul poluanţilor din mediu, Chimia Mediului, Poluanţi Anorganici, Chimia Compuşilor Coordinativi. c) Îndrumare/coordonare/conducere lucrari de licenţa (9) şi disertaţie (4). **2. Activitaţi de evaluare: Membru în comisii de definitivat si grad II.** **3. Activitate de cercetare şi publicistica (membru în 5 contracte de cercetare-dezvoltare internaţionale şi naţionale).** **4. Responsabilitaţi în cadrul facultaţii şi universitaţii**: membru în Consiliul Profesoral al Facultaţii de Ştiinţe şi Arte; membru în comisia de admitere pe facultate; **5. Activitaţi editoriale:** Redactor șef al revistei The Annals of Valahia University – section Sciences, recunoscuta CNCSIS, devenita ulterior Journal of Science and Arts.
Numele şi adresa angajatorului	Universitatea Valahia din Targoviste, B-dul Regele Carol I, nr. 2, 130024 Targoviste, Dâmbovița
Perioada	**01.03.1996 – 01.03.1999**
Funcţia sau postul ocupat	**Asistent universitar**
Activitaţi şi responsabilitaţi principale	1. **Activitaţi didactice**: a) susţinere de cursuri/prelegeri: Chimia Apei şi Solului, Chimie Generala. b) conducere de lucrari de laborator/seminar/proiect: Chimie Anorganica, Chimie Generala, Chimie Organica, Chimia Apei şi a Solului, Agrochimie, Aditivi Alimentari, Chimia Alimentelor. 2. **Activitate de cercetare şi publicistica** (membru în 3 contracte de cercetare-dezvoltare naţionale, producţie ştiinţifica în domeniul chimiei). 3. **Responsabilitaţi în cadrul facultaţii şi universitaţii**: membru în Consiliul Profesoral al Facultaţii de Ştiinţe; membru în comisia de admitere la nivel de universitate.
Numele şi adresa angajatorului	Universitatea Valahia din Targoviste, B-dul Regele Carol I, nr. 2, 130024 Targoviste, Dâmbovița

Perioada	**01.10.1992 – 01.03.1996**
Funcţia sau postul ocupat	**Preparator universitar**
Activitaţi şi responsabilitaţi principale	1. **Activitaţi didactice**: a) susţinere de cursuri/prelegeri: Chimie Generala (derogare 1993-1995). b) conducere de lucrari de laborator/seminar/proiect: Chimie Anorganica, Chimie Generala, Chimie Organica, Chimia Apei şi a Solului, Agrochimie, Aditivi Alimentari, Chimia Alimentelor, Chimie Fizica. 2. **Activitate de cercetare şi publicistica** (membru într-un contract de cercetare-dezvoltare naţional, producţie ştiinţifica în domeniul chimiei, participari la conferinţe). 3. **Responsabilitaţi în cadrul facultaţii şi universitaţii**: membru în comisia de admitere la nivel de universitate; activitați în cadrul departamentului Chimie.
Numele şi adresa angajatorului	Universitatea Valahia din Targoviste, B-dul Regele Carol I, nr. 2, 130024 Targoviste, Dâmbovița

Educaţie şi formare

Perioada	**30.02.2011 – 13.03.2011**
Calificarea / diploma obţinuta	Certificat
Disciplinele principale studiate / competenţe profesionale dobândite	Monitorizarea şi controlul integrat al calitaţii apei
Numele şi tipul instituţiei de învaţamânt	Universitatea din Molise, Italia
Perioada	**16.01.2006 – 16.09.2006**
Calificarea / diploma obţinuta	Diplome 648/11.07.2007; 632/11.07.2007; 598/11.07.2007
Disciplinele principale studiate / competenţe profesionale dobândite	Evaluarea impactului asupra mediului; Sisteme de management de mediu ISO 14001; Monitorizarea mediului şi controlul poluarii/ Curs postuniversitar
Numele şi tipul instituţiei de învaţamânt	Universitatea Tehnica din Cluj Napoca, Universitatea din Minessota, S.U.A
Nivelul în clasificarea naţionala sau internaţionala	Învaţamânt superior
Perioada	**28.06.2005 – 08.07.2005**
Calificarea / diploma obţinuta	Diploma 17/07.2005
Disciplinele principale studiate / competenţe profesionale dobândite	Monitorizarea poluarii mediului. Poluanţi. Metode de analiza. Legislaţie. Asigurarea calitaţii şi Management, Program Leonardo da Vinci RO/02/B/F/PP – 141004 / Curs postuniversitar
Numele şi tipul instituţiei de învaţamânt	Universitatea din Bucureşti, Facultatea de Chimie
Nivelul în clasificarea naţionala sau internaţionala	Învaţamânt superior
Perioada	**01.10.1994 – 01.04.2003**
Calificarea / diploma obţinuta	Diploma de Doctor
Disciplinele principale studiate / competenţe profesionale dobândite	Inginerie Chimica
Numele şi tipul instituţiei de învaţamânt / furnizorului de formare	Universitatea Politehnica Bucureşti
Nivelul în clasificarea naţionala sau internaţionala	Învaţamânt superior /ISCED-8
Perioada	**15.09.1987 – 15.06.1992**
Calificarea / diploma obţinută	Diploma Licenţiat în Inginerie Chimică
Disciplinele principale studiate / competenţe profesionale dobândite	Inginer chimist
Numele şi tipul instituţiei de învaţamânt/ furnizorului de formare	Institutul Politehnic "Gheorghe Asachi" din Iaşi, Facultatea de Chimie Industrială
Nivelul în clasificarea naţionala sau internaţionala	Învaţamânt superior/ISCED-7

Aptitudini şi competenţe personale

cultura general și pregatire profesională de nivel academic, deschidere, adaptabilitate, autodepașire, atitudine morala și etica, sensibilitate, spirit de echipa, colegialitate, bună cunoaștere a psihologiei umane, verticalitate, onestitate, loialitate, generozitate, formarea, încurajarea și promovarea tinerilor,

relaționare cu studenții, atitudine civică.

Limba(i) materna(e) **Limba română**

Limba(i) straina(e) cunoscuta(e)

Autoevaluare	**Înţelegere**		**Vorbire**		**Scriere**
Nivel european (*)	Ascultare	Citire	Participare la conversaţie	Discurs oral	Exprimare scrisa
Engleza	Utilizator independent (C1)	Utilizator independent (C1)	Utilizator independent (C1)	Utilizator independent(C1)	Utilizator independent (C1)
Franceza	Utilizator independent (B2)	Utilizator independent (B2)	Utilizator independent (B2)	Utilizator independent (B2)	Utilizator independent (B2)

Competenţe şi abilitaţi sociale Spirit de echipă – lucru în echipa atât în contractele de cercetare-dezvoltare, cât şi în centrul de cercetare ştiinţifica Ştiinţe Aplicate și Tehnologii Moderne; Obiectivitate; Adaptabilitate, abilitaţi de comunicare - dobândite datorită responsabilitaţilor din cadrul facultaţi, universitaţii, centrului de cercetare, cât şi în urma proiectelor de cercetare-dezvoltare-inovare câştigate la nivel internaţional şi naţional.

Competenţe şi aptitudini organizatorice Capacitate organizatorică formată şi dezvoltată în cadrul conducerii ICSTM, a activitaţilor de pregatire dosarelor de acreditare, de evaluare si de coordonare a proiectelor de cercetare, precum şi ca preşedinte al Filialei Targoviste a Societaţi de Chimie din România, înfiinţată la data de 8 noiembrie 2006; organizarea manifestărilor științifice internaționale și naționale în calitate de chairperson și presedinte al comitetului de organizare.

Competenţe şi aptitudini de utilizare a calculatorului Competenţe foarte bune de utilizare a calculatorului, de folosite a programelor specifice de modelare şi interpretare în domeniul chimiei: Excel, Surfer 9, HyperChem, ISIS, ChemBioDrawUltra 11, Corel. Utilizarea platformelor Moodle, Teams, Zoom.

Alte competenţe şi aptitudini

2019 - Expert în cadrul proiectului "Imbunatatirea politicilor publice în Invatamantul superior și creșterea calității reglementarilor prin actualizarea standardelor de calitate - QAFIN" (Cod SIPOCA/SMIS2014+: 16), implementat de MEN și ARACIS;

2017 - Responsabil cu îndeplinirea activitaților de evaluare a conformitaţii/evaluare și verificare a constanței performanței produselor, pentru Directiva 2009/48/CE, din partea RENAR

Certificat de absolvire seria x nr. 00087927 de Formator organizat de Structural Eurotraining SRL, in perioada 03-06. 11. 2015

Certificat de instruire nr. MG03/11/27.11.2015 pentru participarea la cursul de instruire ***Evaluarea si exprimarea Incertitudinii de Masurare,*** in perioada 26-27.11.2015, organizat de ROLAB Bucuresti.

Diploma de formator pentru mentoratul educational al studenților cu dizabilitaţi prin proiectul *Mentorat educaţional pentru formarea profesorilor din învaţamântul superior care lucreaza cu persoane cu dizabilitaţi* / - POSDRU/86/1.2/S/63951- *„Educaţie universitara pentru persoanele cu dizabilitaţi"(EUPD)- Dezvoltarea şi implementarea unui program-pilot integrat pentru creşterea accesului la învaţamântul superior pentru persoane cu dizabilitaţi*", 18-21 noiembrie 2013.

Certificat de competența în didactica predarii disciplinelor tehnice/ Competențe didactice/metodologice - POSDRU 87/13/S/63709 - *„Calitate, inovare, comunicare în sistemul de formare continua a didacticienilor din învaţamântul superior*".

Diploma de absolvire a *Programului de instruire în domeniul Managementului Calitații în Învațamântul Superior* – POSDRU /86/1.2/5/60720, *"Dezvoltarea și implementarea unui sistem de monitorizare, îmbunatațire continua și evaluare a calitații în învațamântul superior deschis și la distanța pe baza indicatorilor de performanța și standardelor internaționale de calitate*", 20-26.11.2013

Certificat de absolvire a *Programului de formare și conștientizare în asigurarea calitații în învațamântul la distanța* - POSDRU /86/1.2/5/60720, *"Dezvoltarea și implementarea unui sistem de monitorizare, îmbunatațire continua și evaluare a calitații în învațamântul superior deschis și la distanța pe baza indicatorilor de performanța și standardelor internaționale de calitate*", 20-26.11.2013

Certificat de absolvire a cursului *Metode innovative de predare eLearning*, POSDRU/19/1.3/G/8867 *"Dezvoltarea performanțelor de cercetare aplicativa pentru personalul din învațamântul superior în domeniul protecției mediului și al siguranței alimentare*", Targoviste, 18-25 Mai 2011

Certificat de absolvire a cursului Introducere in IBM SPSS Statistics și în statistica, POSDRU/19/1.3/G/8867 *"Dezvoltarea performanțelor de cercetare aplicativa pentru personalul din învațamântul superior în domeniul protecției mediului și al siguranței alimentare"*25-26 martie Targoviste, 2011.

Certificat de absolvire a cursului *Basics in Mass Spectrometry and Applications in the Pharmaceutical Industry*, EUROanalysis 16: European Conference on Analytical Chemistry, Belgrad, Serbia-Congres Center Sava, septembrie 2011

Certificat de absolvire a cursului Quality of Measurements, EUROanalysis 15, European Conference on Analytical Chemistry, Innsbruck septembrie 2009

Certificat de *Expert Evaluator Impact de Mediu şi Expert Principal Bilanţ de Mediu*, persoana fizica, conform Certificatelor de atestare EIM-03-271/11.04.2006 și BM-03-272/11.04.2006, respectiv Certificatelor de reatestare R-EIM-03-01/6.03.2008 şi R-BM-03-01/6.03.2008. Domenii de expertiza: Industria textila, a pielariei, a lemnului şi hârtiei, cod *8*, Industria alimentara, cod *7*, Industria chimica, petrochimica şi a cauciucului, cod *6*

Certificat de atestare in echipa Universitaţii Valahia din Targoviste (persoana juridica) pentru nivelul de competenţa *Evaluator Principal EIM şi Auditor Principal Bilanţ de Mediu* conform Certificatelor de atestare EIM-07-329/21.11.2006 și BM-07-337/21/11/2006, respectiv Certificatelor de reatestare R-EIM-07-52/22.10.2008 şi R-BM-07-50/22.10.2008. Domenii de expertiza: Agricultura, silvicultura şi piscicultura, *cod 1*, Industria energetica, *cod 3*, Producerea şi prelucrarea metalelor, *cod 4*, Industria textila, a pielariei, a lemnului şi hârtiei, cod *8*, Industria alimentara, cod *7*, Industria chimica, petrochimica şi a cauciucului, cod *6*, Proiecte de infrastructura, *cod 10*

Atestat *Euro Competencies Transfer in vocational training on Food Security, Environment and Biotechnologies* , în cadrul stagiului de perfecţionare efectuat la Kauno Kolegija, Lituania, 3-12 martie 2006.

Atestat stagiu de perfecţionare pe metode spectrometrice, la firma Analytic Jena AG – Germany, 22-27 mai 2006.

Mobilitaţi cadre didactice:

2021-2022 - Mobilitate Socrates/Erasmus cadre didactice, Universita degli Studi di Camerino /Italy, Dipartamento di Scienza Chimiche

2016-2017 - Mobilitate Socrates/Erasmus cadre didactice, Universita degli Studi di Camerino /Italy, Dipartamento di Scienza Chimiche

2018 – 2019 - Mobilitate Socrates/Erasmus cadre didactice, University of Patras, Greece

2017-2018 - Mobilitate Socrates/Erasmus cadre didactice, Universidad Castilla la Mancha, Faculty of Chemistry and Chemical Technologies

2016-2017 - Mobilitate Socrates/Erasmus cadre didactice, Universita degli Studi di Camerino /Italy, Dipartamento di Scienza Chimiche

2014-2015 - Mobilitate Socrates/Erasmus cadre didactice, Universita degli Studi di Camerino /Italy, Dipartamento di Scienza Chimiche

2012-2013 Mobilitate Socrates/Erasmus cadre didactice, Universidad Castilla la Mancha, Faculty of Chemistry and Chemical Technologies

2009-2010 - Mobilitate Socrates/Erasmus cadre didactice, Universidad Castilla la Mancha, Faculty of Chemistry and Chemical Technologies

2007-2008 - Mobilitate Socrates/Erasmus cadre didactice, University of Wroclaw, Faculty of Chemistry

2006–2007 - Mobilitate Socrates/Erasmus cadre didactice, Universita degli Studi di Camerino /Italy, Dipartamento di Scienza Chimiche

Permis(e) de conducere

Nu

Activitate științifică

1. Lucrari elaborate şi/sau publicate (conform *Listei de lucrari*):

- *173 articole publicate în reviste cotate ISI*
- *56 articole publicate în reviste BDI şi în proceeding în volumele unor conferinţe internaţionale şi naţionale.*
- *170 lucrari publicate în rezumat la conferinţe internaţionale și naţionale.*
- *Participari la peste 200 de conferinte/simpozioane naţionale și internaţionale.*
- *26 carţi de specialitate/capitole publicate in edituri nationale/internationale*
- *5 brevete*
- *42 proiecte nationale si internationale*

2. Relevanţa recunoaşterii la nivel internațional prin citarea de articole științifice:

Hirsch Index = 25 (Web of Science) 26 (Google Scholar) 19 (Scopus)

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Scopus Author ID: 56266100500 https://www.scopus.com/authid/detail.uri?authorId=56266100500
Publons Author Profile https://publons.com/researcher/1475050/radulescu-cristiana/
Mendeley Author Profile https://www.mendeley.com/profiles/cristiana-radulescu/
Google Scholar Profile https://scholar.google.ro/citations?user=Eh9Mt04AAAAJ&hl=en
BrainMap ID: U-1700-038N-8464 https://www.brainmap.ro/cristiana-radulescu

3. Premii ştiinţifice şi distincţii academice:

✓ *2022 - Diploma and Gold Medal EuroInvent 2022, for the patent Nanomaterial used for consolidate the decorative elements of historical heritage buildings and their preparation process and applications, 28 May 2022, Iasi, Romania*
✓ *2022 - Diploma and Gold Medal EuroInvent 2022 Book Salon for the book monitorizarea Microclimatica. Prelevarea și preparea probelor arheologice. Ghid de bune practici, 28 May 2022, Iasi, Romania*
✓ *2020 – Diploma Gold, for „The Corvins' Castle between scientific investigation and restoration, International Exhibition INVENTCOR, First Edition, Deva 2020, Romania*
✓ *2020 – Diploma of Excellence – Metal Inventica 2020, in recognition of high scientific contribution for project „New dignosis and Tretment Technologies for the Conservation and Revitalization of Archaeological Components from National Cultural Heritage" – XXIV-th International Exhibition of Inventics, Iasi, Romania*
✓ *2020 - Diploma of Excellence – Metal Inventica 2020, for the brevet „Composite Biomaterial and method of use" - XXIV-th International Exhibition of Inventics, Iasi, Romania*
✓ *2019 – „Costin Nenitescu" Medal and Diploma for special merits in the field of chemistry, awarded by Romanian Chemical Society.*
✓ *2019 - Dipoloma of Silver Medal for „New dignosis and Tretment Technologies for the Conservation and Revitalization of Archaeological Components from National Cultural Heritage" authors : R.M. Ion, D. Turcanu-Carutiu, L. Predoana, C. Radulescu – EuroInvent, 11 Edition, Iasi, Romania*
✓ *2016 – Excelence Prize at Cadet INOVA*
✓ *2015 - Romanian Chemical Society Prize for special merits in promoting chemistry*
✓ *2015 - Gold Medal and Diploma EUROINVENT, awarded at International Salon of Inventiveness, XIII edition 2015, Iasi, Romania, at 7th European Exhibition of Creativity and Innovation for the invention A 00356 / 2014 Biomaterial compozit si procedeu de obtinere a acestuia, Ion R.M., Poinescu A., Nelu I., Radulescu C., Oros C*
✓ *2015 - Diploma si Medalia de aur si Placheta - A 00356 / 2014: Institutul Haller Inovetion - Polonia, acordate pentru inventia: Biomaterial compozit şi procedeu de obţinere a acestuia, Ion R.M., Poinescu A., Nelu I., Radulescu C., Oros C*
✓ *2015 - Gold Medal and Diploma PROINVENT, awarded at International Salon of Inventiveness, XIII edition 2015, Cluj-Napoca, Romania, for the invention A 00356 / 2014 Biomaterial compozit si procedeu de obtinere a acestuia, Ion R.M., Poinescu A., Nelu I., Radulescu C., Oros C*
✓ *2015 – Special Prize as a sign of honor, recognition and appreciation of scientific creativity and originality to inventors Ion R.M., Poinescu A., Nelu I., Radulescu C., Oros C, for invention Composite Biomaterial and Procedure of its obtaining, awarded by Lucian Balga University, Romania*
✓ *2014 – Diploma, Medalia de Aur si Cupa din partea Salonului National al Cercetarii si Inovarii, Bacau, 25-29 septembrie 2014, pentru lucrarea* **Biomaterial compozit si procedeu de obtinere a acestuia,** autori Ion R.M., Poinescu A., Nelu I., **Radulescu C.**, Oros C.
✓ *2014 - Diploma si Medalia de Aur din partea Forumului Inventatorilor Romani, EUROINVENT, Iasi pentru lucrarea* **Biomaterial compozit si procedeu de obtinere a acestuia,** autori Ion R.M., Poinescu A., Nelu I., **Radulescu C.**, Oros C.
✓ ***2012 – Premiul "Ioan Ursu" / 2011 pentru Ştiinţe Fizice*** *acordat de Academia Oamenilor de Ştiinţa din România, pentru cartea "Tehnici analitice utilizate în studiul poluarii mediului", Editura Bibliotheca, Targoviste, 2011*
✓ ***2011 – Diploma de Onoare*** *acordata de Societatea de Chimie din Romania pentru contribuţii deosebite la activitatile SChR de promovare a chimiei in „Anul International al Chimiei – 2011"*
✓ ***2010 – Best Poster Award to the Workshop „Challenges in food Chemistry"****, Universitatea Ovidius, Constanta,* pentru articolul *Determination of Heavy Metals Content in Wild Mushrooms and Soil by EDXRF and FAAS Techniques, authors: Cristiana Radulescu, C. Stihi, I.V. Popescu et al.*
✓ **2009 - *Diploma de Onoare*** *acordata de SChR pentru contributii deosebite adusa la promovarea chimiei în România, cu ocazia aniversarii a 90 de ani de constituire a SChR.*
✓ ***2005 - Premiul Revistei de Chimie Bucureşti*** *pentru cea mai buna lucrare originala*

publicata în 2004 „Coloranţi derivaţi ai sistemului heterociclic compact condensat 2-aminotiazolo[4,5-b] piridina", Revista de Chimie, 2004, 55(2), 102-105 Cristiana Radulescu, C. Tarabaşanu-Mihaila

4. Dictionare Internaționale Bibliografice:

✓ ***2007 – Who's Who in the World Awards*** *New Providence, U.S.A.* şi includerea în volumul aniversar 25th Silver Anniversary Edition of *Who's Who in the World®*.
✓ ***2010 - Who's Who in Science and Engineering.***

Informaţii suplimentare

Membru al asociaţiilor profesionale
✓ 2019 - Membru EuChemS – Division of Chemical Education
✓ 2019 – Membru EFB - European Federation of Biotechnology
✓ 2009 - Membru în World Academy of Science, Engineering and Technology, WASET, **[Scientific and Technical Committees & Editorial Review Board],** http://www.waset.org
✓ 2009 – Membru în Asociatia Nationala a Managerilor si Evaluatorilor de Mediu, ANMEM
✓ 2008 - Membru EURACHEM Romania
✓ 2008 – Membru în Registrul Unic al persoanelor fizice si juridice care elaboreaza studii de evaluare a impactului asupra mediului (EIM) si bilanturi de mediu (BM).
✓ 2006 - **Preşedintele Filialei Targoviste a Societatii de Chimie din Romania, SChR**
✓ 2006 - Membru în The Scientific Research Society, SIGMA Xi
✓ 2005 - Membru al Asociaţiei Cercetatorilor Români, Ad Astra
✓ 2006 - Membru - European Agricultura land food Research Landscape, Agrifoodresearch

Editor / Membru in Editorial Advisory Boards / Reviewer
- Editor in Chief of Journal of Science and Arts (Web of Science) since 2007;
- Editor of Special Issue of Coatings MDPI journal – Recent Trends in Coating of Biomaterials;
- Guest Editor of Special Issue on Applications of Chemometrics in the Pharmaceutical and Food Sciences and Industries - Challenges and Opportunities, Journal of Chemistry;
- Editorial Member Board of World Journal of Applied Chemistry and WASET-Scientific and Technical Committees & Editorial Review Board http://www.waset.org
- Chairperson and Chair of Organizing Committiee of International Conference, such as: RO-ICAC'2012, RO-ICAC'2014 and ICOSECS9, 2019.
- Reviewer - Web of Science/Scopus Journal – Molecules, Water, Dyes and Pigments, Analytical Letters, Materials, Nanomaterials, Chemometrics, Food Science and Nutrition, Heritage Science, Antioxidants etc.. https://publons.com/researcher/1475050/radulescu-cristiana/

Alte responsabilitati

UVT responsible for scientific cooperation with JINR Dubna, Russia through bilateral project UVT-JINR
Responsible from the part of SChR in EuChemS, Division of Chemical Education

Membru în comitete de ştiinţifice/organizare ale unor conferinţe internaţionale sau naţionale:
- Membru în comitetul ştiinţific al Conferintei Internationale CHIMIA 2020 - Advances in Food Chemistry 2021, 15-17 Aprilie
- Membru în comitetul ştiinţific şi de organizare al Conferintei Internationale AdFoodChem 2021 - Advances in Food Chemistry 2021, 15-17 Aprilie 2021 https://adfoodchem.wixsite.com/index/attendance
- Chairperson și Organizator al conferinței *9th International Conference of the Chemical Societies of the South-Eastern European Countries on «Chemistry a Nature Challenger»*, May 8-11, 2019, Targoviste www.icstm.ro/icosecs9
- Membru in comitetul de organizare al conferintei 32nd ICP Vegetation Task Force meeting, 18-21 Februarie 2019, Targoviste Romania https://icpvegetation.ceh.ac.uk/32nd-task-force-meeting
- Chairperson și Organizator al conferinței nationale de Chimie, Conferinta Naţionala de Chimie - învațamântul preuniversitar, editia a X-a, 14-16 septembrie 2018, Targoviste, http://www.icstm.ro/CNC2018
- Membru in comitetul stiintific al conferintei internationale Internationale *Water resources and wetlands*, 8-10 Septembrie 2016, Tulcea, Romania
- Chairperson și Organizator al conferinței *2nd International Conference on Analytical Chemistry – Analytical Chemistry for a Better Life*, 17 – 21 Septembrie 2014, Targoviste, Romania www.icstm.ro/ICAC2014
- Organizator și Secretar ştiintific al conferinței *1st International Conference on Analytical Chemistry – Analytical Chemistry for a Better Life*, 18 – 21 Septembrie 2012, Targoviste, Romania www.icstm.ro/ICAC2012
- Organizator și Secretar ştiintific al manifestarii *a IV-a Conferinta Nationala de Chimie.*

Invatamantul Preuniversitar. Știința și Educație pentru dezvoltare durabila, 7 – 9 Septembrie 2012, Targoviste, Romania; Editor al volumului Book of Abstracts. www.icstm.ro/SED2012

- Membru în comitetul ştiinţific şi de organizare la *a XI-a Conferinţa naţionala cu participare internaţionala "Ştiinţa şi Credinţa în sprijinul protejarii mediului"*, 24-25 noiembrie 2011, Targoviste http://www.josr.ro/
- Secretar ştiintific și membru în Comitetul de organizare al manifestarii *The 3rd Joint Seminar JINR-Romania on Neutron Physics for Investigations of Nuclei, Condensed Matter and Life Sciences*, July 24-30, 2011, Targoviste, Romania; Editor al volumului Book of Abstracts www.icstm.ro/JSJR3
- Editor al volumului Book of Abstracts – *European School on Magnestism*, Aug.22nd - Sep.2nd, 2011 - Targoviste, Romania; http://magnetism.eu/esm/2011/
- Membru în comitetul de organizare la *a doua conferinta nationala de: Ştiinţe aplicate în studiul mediului înconjurator şi materialelor cu participare internationala*, 28-30 aprilie 2010, Targoviste http://Targoviste.aos.ro/
- Chairperson la Conferinta Internationala *5th Black Sea Basin Conference on Analytical Chemistry,* 23rd - 26th 2009, Fatsa, Turkey; www.5bbcac.org
- Membru în comitetul stiintific: *1st Symposium with international participation Environmental Protection and Food Safety - Priorities and Perspectives*, 20-21 November 2009, Targoviste, Romania, http://ppm.valahia.ro
- Membru în comitetul de organizare: *Ştiinţe aplicate în studiul mediului înconjurator şi materialelor*, 5-6 iunie 2008 – Targoviste; http://icstm.valahia.ro/sesiune

Prof. habil. dr. ing. Cristiana Radulescu

Lista publicațiilor

Articole ISI

1. Bumbac M., Nicolescu C.M., Olteanu R.L., Gherghinoiu S.C., Bumbac C., Tiron O., Manea E.E., **Radulescu C.**, Gorghiu L.M., Stanescu G.S., Serban B.C., Buiu O., Preparation and Characterization of Microalgae Styrene-Butadiene Composites Using Chlorella vulgaris and Arthrospira platensis Biomass, *Polymers*, 15(6), 1357, 2023, IF=4.967 (Q1) https://www.mdpi.com/2073-4360/15/6/1357
2. Olteanu R.L., **Radulescu C.***, Bretcan P., Ziniovscaia I., Culicov O., Vergel K., Tanislav D., Bumbac M., Nicolescu C.M., Dulama I.D., Gorghiu L.M., Geochemical Responses to Natural and Anthropogenic Settings in Salt Lakes Sediments from North-Eastern Romanian Plain, *Int. J. Environ. Res. Public Health*, 20(2), 935, 2023, IF = 4.614 (Q1) https://www.mdpi.com/1660-4601/20/2/935
3. Murarescu O., **Radulescu C.***, Dulama I.D., Muratoreanu G., Pehoiu G., Stirbescu R.M., Bucurica I.A., Stanescu S.G., Ionescu C.A., Banica A.L., Comprehensive Assessment of Tailing Dumps' Impact on Waters Quality of Rivers, Lakes, and Wells from Mining Areas, *Int. J. Environ. Res. Public Health*, 19, 14866, 2022, IF = 4.614 (Q1) https://www.mdpi.com/1660-4601/19/22/14866
4. Bretcan P., Tanislav D., **Radulescu C.***, Serban G., Danielescu S., Reid M., Dunea D., Evaluation of Shallow Groundwater Quality at Regional Scales Using Adaptive Water Quality Indices, *Int. J. Environ. Res. Public Health*,*19*(17), 10637, 2022, IF = 4.614 (Q1) https://www.mdpi.com/1660-4601/19/17/10637/htm
5. Chilian A., Tanase M.N., Popescu I.V., **Radulescu C**., Bancuta O.R., Bancuta I., Long-Term Monitoring of The Heavy Metals Content (Cu, Ni, Zn, Cd, Pb) in Wastewater Before and After the Treatment Process by Spectrometric Methods of Atomic Absorption (FAAS and ETAAS), Romanian Journal of Physics, 67(3-4), 2022 IF=1.888 (Q3) https://rjp.nipne.ro/accpaps/5B0590C1F23620B908B91487387DEAAF02980D25.pdf
6. Bucurica A.I., Dulama I.D., **Radulescu C.**, Banica A.L., Surface Water Quality Assessment using Electroanalytical Methods and Inductively Coupled Plasma Mass Spectrometry (ICP-MS), Romanian Journal of Physics, 67(3-4), 2022 IF=1.888 (Q3) https://rjp.nipne.ro/accpaps/EE57ED93C8FE649DA75782EC79F672855F723EF6.pdf
7. Zarafu I., Limban C., **Radulescu C**.*, Dulama I.D., Nuta D.C., Chirita C., Chifiriuc M.C., Badiceanu C.D., Popa M., Bleotu C., Dragu L.D., Stirbescu R.M., Bucurica I.A., Stanescu S.G., Ionita P., Novel structures of functionalized graphene oxide with hydrazide: characterization and bio evaluation of antimicrobial and cytocompatibility features, Coatings, 12, 45, 2022 IF= 2.881 (Q2) https://www.mdpi.com/2079-6412/12/1/45
8. Serban B.-C., Cobianu C., Buiu O., Bumbac M., Dumbravescu N., Avramescu V., Nicolescu C.M., Brezeanu M., **Radulescu C**., Craciun G., Romanitan C., Comanescu C.F., Quaternary Holey Carbon Nanohorns/SnO2/ZnO/PVP Nano-Hybrid as Sensing Element for Resistive-Type Humidity Sensor, Coatings, 11(11), 1307, 2021 IF= 2.881 (Q2) https://www.mdpi.com/2079-6412/11/11/1307
9. Serban B.-C., Buiu O., Bumbac M., Dumbravescu N., Avramescu V., Brezeanu M., **Radulescu C*.,** Craciun G., Nicolescu C.M., Romanitan C., Comanescu F., Ternary Holey Carbon nanohorns/TiO2/PVP Nanohybrid as Sensing Film for Resistive Humidity Sensor, Coatings, 11(9), 1065, 2021 IF= 2.881 (Q2) https://www.mdpi.com/2079-6412/11/9/1065
10. **Radulescu C**., Olteanu R.L., Nicolescu C.M., Bumbac M., Buruleanu L., Holban C.G., Vibrational Spectroscopy Combined with Chemometrics as Tool for Discriminating Organic vs. Conventional Culture Systems for Red Grape Extracts, Foods, 10(8), 1856, 2021 IF=4.350 (Q1) https://www.mdpi.com/2304-8158/10/8/1856
11. Serban B.-C., Cobianu C., Buiu O., Bumbac M., Dumbravescu N., Avramescu V., Nicolescu C., Brezeanu M., Pachiu C, Craciun G, **Radulescu C.,** Ternary Nanocomposites based on Oxidized Carbon Nano-horns as Sensing Layers for Room Temperature Resistive Humidity Sensing, Materials, 4(11), 2705, 2021 IF=3.623 (Q2) https://www.mdpi.com/1996-1944/14/11/2705
12. Serban B.-C., Cobianu C., Buiu O., Bumbac M., Dumbravescu N., Avramescu V., Nicolescu C., Brezeanu M., **Radulescu C.,** Craciun G., Romanitan C., Comanescu F., Quaternary Oxidized Carbon Nanohorns - Based Nanohybrid as Sensing Coating for Room Temperature Resistive Humidity Monitoring, Coatings, 1(5), 530, 2021 IF= 2.881 (Q2) https://www.mdpi.com/2079-6412/11/5/530
13. Pehoiu G., **Radulescu C*.,** Murarescu O., Stanescu G.S., Dulama I.D., Bucurica I.A., Stirbescu R.M., Teodorescu S., Gheboianu A.I., Characterization of speleothems from Floriilor Cave, Romania, Romanian Reports in Physics, 73(1), Article no. 701, 2021 IF=1.785 (Q2) http://www.rrp.infim.ro/2021/AN73701.pdf
14. **Radulescu C.,** Buruleanu L.C., Nicolescu M.C., Olteanu R.L., Bumbac M., Holban G.C., Simal-Gandara J., Phytochemical Profiles, Antioxidant and Antibacterial Activities of Grape (Vitis vinifera L.) Seeds and Skin from Organic and Conventional Vineyards, Plants, 9(11), 1470, 2020 IF = 3.935 (Q1) https://www.mdpi.com/2223-7747/9/11/1470/htm
15. Pehoiu G., Murarescu O., **Radulescu C*.**, Dulama I.D., Teodorescu S., Stirbescu R.M., Bucurica I.A., Stanescu G.S., Heavy metals accumulation and translocation in native plants grown on tailing dumps and human health risk, Plant and Soil, 456, 405-424, 2020 IF = 4.192 (Q1) https://link.springer.com/article/10.1007/s11104-020-04725-8
16. Zarafu I., Matei L., Bleotu C., Ionita P., Tatibouët A., Păun A., Nicolau I., Hanganu A., Limban C., Nuta D.C., Nemeș R.M., Diaconu C., **Radulescu C*.**, Synthesis, Characterization, and Biologic Activity of New Acyl Hydrazides and 1,3,4-Oxadiazole Derivatives, Molecules, 25(14), 3308, 2020 IF=4.412 (Q2) https://www.mdpi.com/1420-3049/25/14/3308/htm

17. Ion, R.M.,. Bakirov B.A., Kichanov S.E., Kozlenko D.P., Belushkin A.V., **Radulescu C***., Dulama, I.D. Bucurica, I.A., Gheboianu A.I., Teodorescu, S., Stirbescu, R.M., Ianu L., David M.E., Grigorescu R.M., Non-destructive and micro-invasive techniques for characterizing the ancient Roman mosaic fragments, Applied Sciences, 10(11), 3781; 2020 IF=2.679 (Q2)
https://www.mdpi.com/2076-3417/10/11/3781/htm
18. Barboiu G.A., **Radulescu C***., Popescu, I.V. Dulama, I.D. Bucurica, I.A. Teodorescu, S., Stirbescu, R.M. Tanase, N.M., Potential health risk assessment associated with heavy metal accumulation in native *Urtica dioica*, Romanian Reports in Physics, 72(4), Article no. 711, 2020. IF=1.785 (Q2)
http://rrp.infim.ro/2020/AN72711.pdf

19. Tanase, N.M., Popescu, I.V., **Radulescu C***., Bucurica, I.A., Dulama I.D., Teodorescu S., Stirbescu R.M., Barboiu G.A., Occurrence, toxicological risks of heavy metals and possible agricultural consequences of sewage sludge from urban treatment plants, Romanian Journal of Physics, 65(9-10), Article no. 812, 2020 IF=1.888 (Q3)
https://rjp.nipne.ro/2020_65_9-10/RomJPhys.65.812.pdf
20. Andrei, V.A, **Radulescu C***., Malinovschi V., Marin A., Cioaca E., Mihalache M.,Mihailescu C.N., Dulama I.D., Teodorescu S., Bucurica I.A., Aluminum oxide ceramic coatings on 316L austenitic steel obtained by Plasma Electrolysis Oxidation using a pulsed unipolar power supply, Coatings, 10(4), Article no: 318, 2020 doi.org/10.3390/coatings10040318 IF= 2.881 (Q2)
https://www.mdpi.com/2079-6412/10/4/318/htm
21. **Radulescu C.,** Olteanu, R.L.,Stihi C.,Florescu M., Stirbescu R.M., Stanescu S.G., Nicolescu C.M., Bumbac M.,Chemometrics based-vibrational spectroscopy for *Juglandis semen* extracts investigation, Journal of Chemometrics, 34(6), e3234, 2020 IF= 2.467 (Q1)
https://analyticalsciencejournals.onlinelibrary.wiley.com/doi/abs/10.1002/cem.3234
22. **Radulescu C.,** Stihi C., Ion R.-M., Dulama I.-D., Stanescu S.-G., Stirbescu R. M., Teodorescu S., Gurgu I.-V., Let D.-D., Olteanu L., Stirbescu N.-M., Bucurica I.-A., Olteanu R.-L., Nicolescu C.-M., Seasonal Variability in the Composition of Particulate Matter and the Microclimate in Cultural Heritage Areas, Atmosphere, 10(10), 595, 1-17, 2019 IF = 2.046 (Q3)
https://www.mdpi.com/2073-4433/10/10/595/htm

23. David M., Serban A., **Radulescu C.**, Danet A.F., Florescu M., Bioelectrochemical evaluation of plant extracts with antioxidant capacity using gold nanozyme-based sensor, Bioelectrochemistry, 129, 124-134, 2019 IF= 5.373 (Q1)
https://www.sciencedirect.com/science/article/pii/S1567539419301240
24. Sister Serafima, Duliu O.G., Manea M.-M., Vasilica S., **Radulescu C.**, Constantinescu B., Stan D., Culicov O.-A., Zincovscaia I., Complex Investigation of Five Russian-Lipovan 19th Century Icons, Microchemical Journal, 150, 104-126, 2019 IF=4.281 (Q1)
https://www.sciencedirect.com/science/article/abs/pii/S0026265X19314924
25. Malinovschi V., Marin A., Andrei V., Coaca E., Mihailescu C. N., Lungu C.P., **Radulescu C.**, Dulama I.D., Obtaining and characterization of PEO layers prepared on CP-Ti in sodium dihydrogen phosphate dihydrate acidic electrolyte solution, Surface and Coatings Technology, 375, 621-636, 2019. IF=4.158 (Q1)
https://www.sciencedirect.com/science/article/abs/pii/S0257897219307662
26. **Radulescu C.**, Olteanu R.L., Stihi C., Florescu M., Lazurca D., Dulama I.D., Stirbescu R.M., Teodorescu S., Chemometric Assessment of Spectroscopic Techniques and Antioxidant Activity for Hippophae rhamnoides L. Extracts Obtained by Different Isolation Methods, Analytical Letters, 52(15), 2393-2415, 2019, IF= 2.329 (Q4)
https://www.tandfonline.com/doi/abs/10.1080/00032719.2019.1590379
27. Ion R.-M., Iancu L., Vasilievici G., Grigore M.E., Andrei R.E., Radu G.-I., Grigorescu R.M., Teodorescu S., Bucurica I.A., Ion M.-L., Gheboianu A.I., **Radulescu C.**, Dulama I.D., Ion-Substituted Carbonated Hydroxyapatite Coatings for Model Stone Samples, Coatings, 9, Article no. 231, 2019. IF= 2.881 (Q2)
https://www.mdpi.com/2079-6412/9/4/231/htm
28. Pehoiu G., **Radulescu C.***, Murarescu O., Dulama I.D., Bucurica I.A., Stirbescu R.M., Teodorescu S., Health risk assessment associated with abandoned copper and uranium mine tailings, Bulletin of Environmental Contamination and Toxicology, 102(4), 504-510, 2019 IF=2.151 (Q3)
https://link.springer.com/article/10.1007/s00128-019-02570-9

29. Bintintan A., Gligor M., **Radulescu C.***, Dulama I.D., Olteanu R.L., Stirbescu R.M., Teodorescu S., Bucurica I.A., Multielemental and Chemical Characterization of Eneolithic Petresti Painted Pottery from Alba Iulia-Lumea Noua archaeological site, Romania, Analytical Letters, 52(15), 2348-2364, 2019, IF= 2.329 (Q4)
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Reports

1. Harmens H., Norris D.A., Sharps K., Mills G., Alber R., Aleksiayenak Y., Blum O., Cucu-Man S.-M., Dam M. · Temmerman L. De, [...], **Radulescu C.,** Skudnik M., Spiric Z., Stafilov T., Steinnes E., Stihi C., Thöni L., Todoran R., Yurukova L., Zechmeister H.G., *Air Pollution And Vegetation: ICP Vegetation Annual Report 2014/2015 - ICP Vegetation Programme Coordination Centre, Centre for Ecology and Hydrology, Environment Centre, Bangor, Gwynedd, UK, 2015 ISBN 978-1-906698-55-3* http://icpvegetation.ceh.ac.uk/publications/documents/FinalICPVegetationannualreport2014-15.pdf
2. Harmens H., Mills G., Hayes F., Sharps K., Frontasyeva M., [...], **Radulescu C.,** Skudnik M., Spiric Z., Stafilov T., Steinnes E., Stihi C., Thöni L., [....], Air Pollution and Vegetation - ICP Vegetation Annual Report 2015/2016, *Publisher: ICP Vegetation Programme Coordination Centre, Centre for Ecology and Hydrology, Environment Centre, Bangor, Gwynedd, UK & Moss Survey Coordination Centre, Frank Laboratory of Neutron Physics, Joint Institute for Nuclear Research, Dubna, Moscow, RussiaEditor: H. Harmens, G. Mills, F. Hayes, K. Sharps, M. Frontasyeva, 2016 ISBN 978-1-906698-58-4* *https://icpvegetation.ceh.ac.uk/20152016*

Proiecte R&D

P1. Horizon 2020 - EIT HEI INITIATIVE Innovation Capacity Building for Higher Education, Innovation and Entrepreneurship in HEIs (INVENTHEI), 2021-2023, value 1.200.000 Euro UVT Administrative staff leader

P2. Horizon 2020 - LC-SC3-ES-3-2018-2020 - Project no. 824388/2018 E-LAND Integrated multi-vector management system for Energy isLANDs, UVT value: 392.000 Euro UVT Administrative staff leader.

P3. COST Action- CA18130: European Network for Chemical Elemental Analysis by Total Reflection X-Ray Fluorescence, 2019-2023, 105,006.50 EUR, member

P4. PDI-PFE, ID 584/2021-2024, ProExcellence - Excellence and Performance for Increasing the Institutional Capacity of RDI, value 3.064.000,00 lei, director of project

P5. Project CNFIS-FDI-2023-0048- Start-INOV: Research and Innovation as interface for preparing a sustainable competitive environment (Cercetarea și Inovarea ca interfață pentru pregătirea unui mediu competitiv sustenabi)l, 389.000,00 lei, director of project

P6. Proiect CNFIS-FDI-2022-0034- Open Research: New Perspectives on Adhering to Open Science Practices In Valahia University of Targoviste, value 342.800 lei, director of project

P7. Project CNFIS-FDI-2021-0075, D6 - CNFIS-FDI-2021-0075 ProResearch: Quality, Performance, Excellence - concepts for a stimulating and competitive environment in research, value 337868 lei – director of project

P8. EEA Financial Mechanism 2014-2021, Research Project RO-NO-20190691-2020-2023, GRAAL Recovery - Granular activated algae technology for wastewater treatment and resources recovery, UVT Key person (Total project value 1.182.485 Euro)

P9. Project PN-III-P2-2.1-PED-2019-5248, 364PED/2020-2022, Controlled atmosphere for fruit and vegetable storage: multidisciplinary solution and low cost (CASTOL), value UVT 55.677,00 Lei, member

P10. Project CNFIS-FDI-2020-0397, PerExcel: Performance and Excellence in Multidisciplinary Research, value 330000 lei director of project.

P11. Bilateral Project between Valahia University of Targoviste and Joint Institute for Nuclear Research, Dubna, Moscow Region, on Theme 03-4-1128-2017/2022, Air pollution assessment by neutron activation analysis and related atomic methods using biological indicators, Value 4500 USD, member.

P12. Project POCU/379/6/21/-125160VIITOR-ANTREPRENOR - Cresterea participarii studentilor din categorii vulnerabile la programme de studii de licenta prin cadre inovative antreprenoriale, value 7.329.870,11 lei; expert/responsible with Innovation

P13. Project PN-III-P1-1.2-PCCDI-2017-0476, contract 51PCCDI/2018, New diagnosis and treatment technologies for the preservation and revitalization of archaeological components of the national cultural heritage, UVT responsible; UVT Value: 1.196.707,00 lei (Total Project Value 5.287.500,00 lei)

P14. Bilateral Project 04-4-1121-2015/2020, between Valahia University of Targoviste and Joint Institute for Nuclear Research, Dubna, Moscow Region; Protocol 4755-4-2018/2022, Micro-structural and compositional characterization of supports and coating layers on different substrates applied in biomaterials, photoelectrochemicals catalysis and cultural heritage, UVT leader of the project, Value:10.000 USD

P15. Bilateral Grant 04-4-1121-2015/2020, between Valahia University of Targoviste and Joint Institute for Nuclear Research, Dubna, Moscow Region; Protocol 4755-4-2018/2020, Microstructural characterization of coating layers prepared by PEO in sodium dihydrogen phosphate on titanium alloys, using neutron scattering techniques; final experimental results processing, UVT leader of the grant, Value: 5.000 USD

P16. Bilateral Project 03-4-1128-2017/2019 between Valahia University of Targoviste and Joint Institute for Nuclear Research, Dubna, Moscow Region; Protocol 4748-4-2018/2019, *Health risk assessment associated with abandoned copper and uranium mine tailings from Banat Region, Romania,* member in project

P17. Bilateral Project 03-4-1128-2017/2019 between University of Bucharest, Valahia University of Targoviste and Joint Institute for Nuclear Research, Dubna, Moscow Region; Protocol 4607-4-2017/2019, *Nuclear and Related analytical techniques used to study sediments from the Roumanian Plane salt lakes*, UVT leader of the project

P18. Bilateral Project 04-4-1121-2015/2020, between Valahia University of Targoviste and Joint Institute for Nuclear Research, Dubna, Moscow Region; Protocol 4755-4-2018/2020, *Study of the processes of tetragonal ZrO_2 phase stabilization in coating layers prepared on Zr–2.5%Nb alloy during plasma electrolytic oxidation in sodium aluminate electrolytes, by means of FSD and HRFD measurements*, UVT leader of the project

P19. Bilateral Grant 04-4-1121-2015/2020, between Valahia University of Targoviste and Joint Institute for Nuclear Research, Dubna, Moscow Region; Protocol 4755-4-2018/2020, *Micro-structural characterization of processes of tetragonal ZrO2 phase stabilization in coating layers prepared on Zr–2.5%Nb alloy during plasma electrolytic oxidation in sodium aluminate electrolytes, by SANS measurements performed at YUMO instrument in function at IBR-2M reactor*, UVT leader of the project

P20. Bilateral Project 04-4-1121-2015/2017 between University of Bucharest, Valahia University of Targoviste and Joint Institute for Nuclear Research, Dubna, Moscow Region; Protocol 4607-4-2017/2019, *Complex Investigation (Neutron Activation Analysis, Fourier Transform Infrared and Raman Spectroscopy, Inductively Coupled Plasma – Mass Spectroscopy, Scanning Electron Microscopy + Multielemental Analysis, Optical Microscopy and Image Analysis) of the unconsolidated sediments of Romanian Plain salt lakes*, UVT leader of the project

P21. Bilateral Project 03-4-1128-2017/2019 between Valahia University of Targoviste and Joint Institute for Nuclear Research, Dubna, Moscow Region; Protocol 4619-4-2017/2019, *Applied research on air and soil pollution with toxic elements using nuclear and related techniques*, member in project

P22. Bilateral Project 03-4-1128-2017/2019 between Valahia University of Targoviste and Joint Institute for Nuclear Research, Dubna, Moscow Region; Protocol 4616-4-2017/2019, *The influence of different types of fertilizers/pesticides on fruit trees, apples and plumps*, member in project

P23. Bilateral Project 03-4-1128-2017/2019 between Valahia University of Targoviste and Joint Institute for Nuclear Research, Dubna, Moscow Region; Protocols 4618-4-2017/2019 and 4620-4-2017/2019, *Studies and experiments concerning characterization and superior utilization of sludge from municipal wastewater treatment plants*, member in project

P24. Bilateral Project 03-4-1104-2011/2016 between Valahia University of Targoviste and Joint Institute for Nuclear Research, Dubna, Moscow Region; Protocol 4323-4-2014/2016, *Nuclear and related analytical techniques applied for air pollution studies in Romania with heavy metals, nitrogen, and radionuclides for participation in the European Moss Survey programme in 2015-2018*, leader of the project

P25. Bilateral Project 03-4-1104-2011/2016 between Valahia University of Targoviste and Joint Institute for Nuclear Research, Dubna, Moscow Region Protocol 4521-4-2015/2016, *Paleoenvironmental studies in Romanian Plain using nuclear and related analytical techniques*, leader of the project

P26. Bilateral Grant 03-4-1104-2011/2016 between Valahia University of Targoviste and Joint Institute for Nuclear Research, Dubna, Moscow Region; Protocol 4323-4-2014/2016, *Nuclear and related analytical techniques applied for air pollution studies in Romania with heavy metals, nitrogen, and radionuclides for participation in the European Moss Survey programme in 2015-2018*, leader of the project

P27. Bilateral Grant 03-4-1104-2011/2016 between Valahia University of Targoviste and Joint Institute for Nuclear Research, Dubna, Moscow Region Protocol 4521-4-2015/2016, *Paleoenvironmental studies in Romanian Plain using nuclear and related anatytical techniques*, leader of the project

P28. Research Project PN-II-RU-TE-2014-4-2801, *Research on the detection of bioactive substances from plant extracts with antioxidative capacity*, director of the project Monica Florescu, 2015-2017, position in project: member;

P29. Bilateral Project between Valahia University of Targoviste and Joint Institute for Nuclear Research, Dubna, Moscow Region; Project 04-4-1104-2011/2014 *Nuclear and Related Analytical Techniques for Environmental and Life Sciences*, 2011/2014 – leader of the project

P30. Research Grant between Valahia University of Targoviste and Joint Institute for Nuclear Research, Dubna, Moscow Region; Grant 03-4-1104-2013/2014 *Nuclear and Related Analytical Techniques for Environmental and Life Sciences*, 2010-2014 - leader of the project

P31. Research Project SEE 2009-2014, "Research within priority sectors" programme, EEA-JRP-RO-NO-2013-1-0096 *Towards a better protection of children against air pollution threats in the urban areas of Romania*, coordinator Valahia University of Targoviste, partner: Stiftelsen Norsk Institutt for Luftforskning (Norwegian Institute for Air Research), 2014-2017 – position in project : Coordinator of physicochemical analyses

P32. Bilateral Project between Valahia University of Targoviste and Joint Institute for Nuclear Research, Dubna, Moscow Region Protocol 4323-4-2014/2016 *Nuclear and related analitycal techniques applied for air pollution and vegetation with heavy metals, nitrogen and radionuclides*", 2014-2015 – member

P33. Bilateral Project between Valahia University of Targoviste and Joint Institute for Nuclear Research, Dubna, Moscow Region Projesct 04-4-1104-2012/2013 "*Nuclear and related analitycal techniques for environmental and life sciences: therapeutic mud analysis*", 2011-2013, position in project: member;

P34. Bilateral Project between Valahia University of Targoviste and Joint Institute for Nuclear Research, Dubna, Moscow Region; Proiect 06-4-1036-2001/2010 *Neutron Nuclear Physics – Fundamental and Applied Research, Nuclear and Related Analytical Techniques Applied to Evaluation of Environmental Pollutants and Food Contamination – Part 1: Investigation of Heavy Metal Content and Oxidation Susceptibility of Edible Oils Part 2: Heavy metal pollution of the Dambovita County, Romania, studied by nuclear and related analytical techniques*, 2001-2010, position in project: member

P35. Grant 04-4-1069-2010/2011, 3rd seminar JINR-Romania "Neutron physics Summer School", 2010-2011.

P36. Research Project PNII: 262/2014 ISMAC, *High Performance Polymeric Insulation for Rotary Electric Machines. Technology and modeling methods (Izolații polimerice de înaltă performanță pentru mașini electrice rotative. Tehnologie și metode de modelare)* 2014-2016 – member, position in project – Coordinator of doctoral activities of PhD, as well as Responsible with physico-chemical analyses;

P37. Research Project PNII : 72-172/2008 TIPSARMER, *High precision and sensitivity techniques applied in biomonitoring networks of environmental pollution with pollutants in the South, South-Eastern and Central Development Areas of Romania (Tehnici de inalta precizie si sensibilitate aplicate in retele de biomonitorizare a poluarii mediului cu factori poluanti din zonele de dezvoltare de Sud, Sud-Est si central a Romaniei)*, 2008-2011, position in project: member and Responsible with physico-chemical analyses

P38. Research Project ID 624/2008, *Study of the capacity of some ubiquitous macromycetes species for the absorption of heavy and rare metals for use as bioindicators and bioaccumulators in environmental biotechnologies (Studiul capacitatii unor specii de macromicete ubicvitare pentru absorbția metalelor grele și rare în scopul utilizării acestora ca bioindicatori și bioacumulatori în biotehnologii de mediu)*, 2008-2011, position in project: member and Responsible with physico-chemical analyses

P39. Research Project PNII : 31_081/14.09.2007, FITOMIN, *The physico-chemical basics of fitominerite technology in contaminated geological and technological environments (Bazele fizico chimice ale tehnologiei de fitominerit in mediile geologice si tehnologice contaminate)*, 2007-2010, position in project: member

P40. Research Project PNCDI-II 1768/2007, PIEZOSENZ, *Piezoelectric microsensor, measurement, analysis and multiparametric, integrated 3D system (Sistem de microsenzori piezoelectrici, de masurare, analiza si control multiparametru, integrat 3D)*, 2007-2010, position in project: member.

P41. Grant S_10/01/10/2005, *Analize fizico-chimice a apelor de suprafaţa în scopul determinării gradului de poluare cu metale grele şi poluanţi organici*, 2005-2006, position in project: member.

P42. Grant 632/1996, *Extraction and characterization of natural colorants from the leaves and seeds of the Basella Rubra plant. A new plant source for the extraction of food colorants (Extracţia și caracterizarea coloranţilor naturali din frunzele și seminţele plantei Basella Rubra. O noua sursa vegetală pentru extracţia coloranţilor alimentary)*, 1996-1998, position in project: member

Brevete

1. *Ion R.M., Poinescu A., Radulescu C, Nelu I., Oros C., Composite biomaterial made of hydroxyapatite reinforced with strontium titanate SrTiO3, patent RO 130663B1 BOPI 12/2019*
   https://osim.ro/wp-content/uploads/Publicatii-OSIM/BOPI-Inventii/2019/bopi_inv_12_2019.pdf
2. *Radulescu C., Nicolescu C.M., Bumbac M., Olteanu R.L., Buruleanu L.C., Gorghiu L.M., Holban C.G., Dry Skin Emollient Cream with Skin / Seed Extract (Vitis Vinifera L. Organic Culture, Feteasca Neagra Variety) - Cremă Emolientă pentru Ten Uscat cu Extract de Pieliță/Sâmbure (Cultură Ecologică Vitis Vinifera L., Soiul Feteasca Neagră) patent RO121004B1 BOPI 11/2022*
   https://osim.ro/images/Publicatii/Inventii/2022/bopi_11_2022.pdf
3. *Serban B-C., Buiu O., Bumbac M., Radulescu C., Ammonia resistive sensor (Senzor rezistiv de ammoniac), A2021 00416/06.07.2021*
4. *Serban B-C., Buiu O., Nicolescu C.M., Radulescu C., Ozone resistive sensor (Senzor rezistiv de ozon), A2021 00417/06.07.2021*
5. *Ion R.M., Radulescu C., Iancu L., GrigorescuL.M., Gorghiu L.M., Ion N., David M.N., Slamnoiu Teodorescu S., Nanomaterial used to strengthen the decorative elements of historic heritage buildings and its preparation and application process (Nanomaterial utilizat la consolidarea elementelor decorative ale cladirilor istorice de patrimoniu şi procedeu de preparare şi aplicare al acestuia), A 2021 -00531/07.09.2021*

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