# Curriculum vitae Europass

## Informaţii personale

| | |
|---|---|
| Nume / Prenume | **Făgădar-Cosma Eugenia-Lenuţa** |
| Adresă(e) | Timişoara |
| Telefon(oane) | 0040256491818 Mobil: |
| Fax(uri) | 0040256491824 |
| E-mail(uri) | efagadar@yahoo.com |
| Naţionalitate(-tăţi) | romana |
| Data naşterii | [redacted] |
| Sex | F |

## Locul de muncă

| | |
|---|---|
| | **Institutul de Chimie „Coriolan Dragulescu”** Bd. Mihai Viteazul Nr. 24, 300223-Timisoara, Romania |
| Perioada | **2005- prezent** |
| Funcţia sau postul ocupat | **Cercetător ştiinţific principal gradul I** (Ordinul Ministrului Educatiei si Cercetarii 5693/19.12.2005) |
| Activităţi şi responsabilităţi principale | Coordonator Program Chimie Organica – Porfirine |
| Numele şi adresa angajatorului | Institutul de Chimie Timisoara al Academiei Romane, Bd. Mihai Viteazul Nr. 24, 300223-Timisoara, Romania |
| Tipul activităţii sau sectorul de activitate | Cercetare |
| Perioada | **2002-2007** in paralel cu activitatea de cercetare |
| Funcţia sau postul ocupat | **Conferenţiar universitar**, confirmat prin Ordin al Ministrului Educaţiei şi Cercetarii nr. 3571/19.04.2002 |
| Activităţi şi responsabilităţi principale | Curs si coordonare Masterate si activitati practice la disciplinele „Chimie generala” |
| Numele şi adresa angajatorului | Universitatea de Vest Timsioara, Facultatea Chimie Biologie Geografie, Str. Pestalozzi 16, 300115 Timisoara<br>Universitatea Politehnica Timisoara, Bv. Vasile Parvan, Nr. 6, 300223, Timisoara |
| Tipul activităţii sau sectorul de activitate | Activitate didactica-Invatamant universitar |
| Perioada | **1998 - 2005** |
| Funcţia sau postul ocupat | **Cercetător ştiinţific principal gradul II** |
| Activităţi şi responsabilităţi principale | Coordonator program si Proiect cercetare in Sectia de Chimie Organica |

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| | |
|---|---|
| Numele şi adresa angajatorului | Institutul de Chimie Timisoara al Academiei Romane, Bd. Mihai Viteazul Nr. 24, 300223-Timisoara, Romania |
| | **1990 - 1998** |
| Funcţia sau postul ocupat | **Cercetător ştiinţific principal gradul III** |
| Activităţi şi responsabilităţi principale | Coordonator Proiecte de cercetare in Secţia de compuşi elementorganici |
| Numele şi adresa angajatorului | Institutul de Chimie Timisoara al Academiei Romane, Bd. Mihai Viteazul Nr. 24, 300223-Timisoara, Romania |
| Perioada | **1985 – 1990** |
| Funcţia sau postul ocupat | **Cercetător ştiinţific** |
| Activităţi şi responsabilităţi principale | Responsabil cu teme de cercetare in Secţia de compuşi elementorganici |
| Numele şi adresa angajatorului | Institutul de Chimie Timisoara al Academiei Romane, Bd. Mihai Viteazul Nr. 24, 300223-Timisoara, Romania |
| Perioada | **1983-1985** |
| Funcţia sau postul ocupat | **Inginer chimist, Repartizată pentru cercetare la Centrul de Chimie- Timişoara conform Dispoziţiei Guvernamentale de Repartizare nr. 2501204 din 1981** |
| Numele şi adresa angajatorului | Centrul de Chimie Timisoara, Bd. Mihai Viteazul Nr. 24, 300223-Timisoara, Romania |
| Perioada | **1981-1983** |
| Funcţia sau postul ocupat | Inginer chimist stagiar |
| Responsabilităţi principale | Planificarea si urmarirea productiei |
| Numele şi adresa angajatorului | Intreprinderea de Nasturi şi Mase Plastice Jimbolia |

## Educatie si specializari

| | |
|---|---|
| Perioada | **1990-1997** |
| Calificarea / diploma obţinută | **Doctor in chimie** |
| Disciplinele principale studiate / competenţe profesionale dobândite | Chimie |
| Numele şi tipul instituţiei de învăţământ / furnizorului de formare | Institutului Politehnic “Traian Vuia” din Timişoara |
| Nivelul în clasificarea naţională sau internaţională | ISCED 6 |
| Perioada | **1976 - 1981** |
| Calificarea / diploma obţinută | **Diploma de licenta in inginerie chimica** |
| Disciplinele principale studiate / competenţe profesionale dobândite | Chimie<br>Chimie organica; chimie analitica si instrumentala; chimie-fizica; electrochimie; |
| Numele şi tipul instituţiei de învăţământ / furnizorului de formare | Facultatea de Tehnologie Chimică a Institutului Politehnic “Traian Vuia” din Timişoara, secţia Tehnologie Chimică Organică |
| Nivelul în clasificarea naţională sau internaţională | **ISCED 6** |

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|---|---|
| **Aptitudini şi competenţe personale** | |
| Limba(i) maternă(e) | **romana** |
| Limba(i) străină(e) cunoscută(e) | **Engleza, Franceza** |

| Autoevaluare | Înţelegere | | | | Vorbire | | | | Scriere | |
|---|---|---|---|---|---|---|---|---|---|---|
| *Nivel european (*)* | Ascultare | | Citire | | Participare la conversaţie | | Discurs oral | | Exprimare scrisă | |
| **Limba Engleza** | C1 | avansat | C1 | avansat | C1 | avansat | C1 | avansat | C1 | avansat |
| **Limba Franceza** | B2 | mediu | B2 | mediu | B1 | mediu | B2 | mediu | B1 | mediu |

*(*) Nivelul Cadrului European Comun de Referinţă Pentru Limbi Străine*

| | |
|---|---|
| Competenţe şi abilităţi sociale | Bun organizator si comunicator in activitati de cercetare si educatie; spirit activ si creativ. |
| Competenţe şi aptitudini organizatorice | Coordonator si Manager de calitate pentru activitati de cercetare in cadrul proiectelor de cercetare europene si nationale.<br>Director, chairman sau membru in comitete stiintifice la evenimente stiintifice internationale de anvergura. |
| Competenţe şi aptitudini tehnice | Aptitudini tehnice adecvate specializarii in sinteza organica si caracterizarea prin metode fizico-chimice: metode spectrofotometrice si microscopie. |
| Competenţe şi aptitudini de utilizare a calculatorului | Editare materiale, desene, grafica, internet (Windows and Microsoft Office). |
| Permis(e) de conducere | Sunt posesoare a carnetului de conducere categoria B din 1996. |
| **Informaţii suplimentare** | Pagina web **Researcher ID** Dr. Eugenia Fagadar-Cosma, http://www.researcherid.com/rid/F-7215-2010<br>**ISI web of Knowledge:**<br>http://apps.webofknowledge.com/summary.do?product=UA&parentProduct=UA&search_mode=CitationReport&parentQid=1&qid=2&SID=Y1IhIbtx6s23kKNDmRy&&page=1<br>**ResearchGate:** https://www.researchgate.net/profile/Eugenia_Fagadar-Cosma/info<br>**Mendeley**: https://www.mendeley.com/stats/author?dgcid=raven_md_stats_email&event_id=144115188205312489<br>**ORCID ID** https://orcid.org/0000-0001-5668-709X<br>Scopus Author ID: 55664983100; https://www.scopus.com/authid/detail.uri?authorId=55664983100<br>**BRAINMAP UEFISCDI ID (UEF-iD): U-1700-033J-5496** |
| **Activitatea ştiinţifică în domeniu** | • **Scientific Activity: H=24-Google scholar; H=22-PUBLONS, ISI web of Knowledge,Scopus, Research Gate, 1488 citations.**<br>**450** lucrări publicate (peste **300** *in extenso*), după cum urmează:<br>■ **1** teza de doctorat<br>■ **8** cărţi cu ISBN (la trei prim autor, la una autor + editor coordonator)<br>■ **4** capitole carte (în Serii Academice în străinătate)<br>■ **Editor invitat** al jurnalului ***The Open Chemical and Biomedical Methods Journal***, **Volume 2, 2009, p. 72-116, Hot Topic:** Structured Nanomaterials - Synthesis, Characterization and Biomedical Application<br>■ **Editor volum Workshop International***: Insights into Novel Solid Materials, their Recyclability and Integration into Li Polymer Batteries for EVs. Future research directions in this field*<br>■ **Chief Gues Editor 2020-2021 jurnal ISI-Q1 (**FI=3.18*)*, ***CHEMOSENSORS, Special Issue Detection of Analytes with Medical Relevance Using Porphyrins and/or Graphene- Based Materials*** |

[redacted]

- **Peste 320** lucrări publicate *in extenso* în reviste recunoscute, după cum urmează:
  - **133 lucrări în jurnale ISI**
  - **12 publicatii ISI Proceedings**
  - **59** reviste cu referenţi recunoscute
- **82** lucrari *in extenso* în volume cu ISBN la manifestări internaţionale
- **21** lucrări *in extenso* în volume cu ISBN la manifestări naţionale
- **10 brevete de invenţie** OSIM (la 2 unic autor)
- **49 Conferinte invitate (45** sustinute la **manifestari internationale); Director WS International, SOMABAT, Chairman 9 Conferinte Internationale**

- **Director si Responsabil la Proiecte din cadrul programelor internationale/ nationale**:

- **2020-2022 Coordonator Partener ICT - Project PED –CeraPorCor 528/2020**
- **2018-2021 Director Proiect 2 -76/PCCDI/2018 –ECOTECH-GMP- Future and Emerging Technologies PCCDI ECOTECH-GMP 76/2018 (1400000 lei)**
- **2017-2018 Coordonator ICT –Proiect PNIII-PED –CorOxiPor-107PED/2017**
- **Quality Manager of FP7 Collaborative Project –SOMABAT ( Valoare 5 040 127 EUR)**
- **2011-2013 Coordonator al grupului de cercetare român al ICT pentru Proiectul FP7 - SOMABAT - 266090 GA-No.NMP3-SL-2010-266090 (APEL: FP7-2010-GC-ELECTROCHEMICAL-STORAGE)-**342642 EUR ICT.
- **2011-2013 Director** Proiect Modul III-SOMABAT **Nr. 128EU/28 iunie 2011**
- **2013-2016 Responsabil** Proiect EUROPEAN STAR-**SAFEAIR-76/29. 11.2013**
- **2012/2013 Co-manager Proiect CEI,** 1202.161-13/20 iulie 2012
- **2008-2010 Responsabil EC FP6 Research Infrastructure action - Integrated Infrastructure Initiative - Contract RII3-026145/15.12.2008**
- **2004-2006 Responsabil** Program PNCDI-**INDAL-Nr. 5451**;
- **2006-2008 Responsabil Coordonator** Program CEEX-**MATNANTECH-**; Nr. **48/26.07. 2006**
- **2007-2008 Responsabil** Program CEEX-**CERES**; **2CEx 06-11.57/2006**
- **2009-2012 Responsabil** Planul National de Cercetare, Dezvoltare si Inovare II **PN II Nr. Contract: 976/2009**
- **Responsabil** la 5 Contracte de cercetare 1984-1988
- **Responsabil** Schimb interacademic cu Institutul de Chimie-Chisinau al Academiei de Stiinte al Republicii Moldova (2005-2008)
- **Responsabil** la o Colaborare Bilaterala cu Faculty of Pharmacy, Collegium Medicum, Nicolaus Copernicus University, Bydgoszcz, POLAND, Group PhD, DSc Grzegorz BAZYLAK (Department of Pharmaco-Bromatology & Molecular Nutrition) perioada : 2007-2010
- **Responsabil** Colaborare Schimb Interacademic **cu *Institution of Russian Academy of Sciences,Institute of Macromolecular Compounds Russian Academy of Sciences,* Saint-Petersburg, RUSSIA**
- **Responsabil** Colaborare internationala cu **The Fundació Institut Català d'Investigació Química (Spania)**

**Colaborator la Proiecte din cadrul programelor nationale/ internationale:**

- **5** Grant-uri MCT (2 ANSTI si 3 CNCSIS)
- **3** Programe Nationale: patru Programe Nucleu-2006, 2007 si 2008 si un Proiect CEEX-Modul III
- **Colaborator la PN II- Program CAPACITATI-Modul III,** COOPERARE BILATERALA JOINT RESEARCH PROJECT PROPOSAL cu *INSTITUTE OF EXPERIMENTAL PATHOLOGY AND PARASITOLOGY, BULGARIAN ACADEMY OF SCIENCE (2008-2009)*

**Chairman& Membru in Comitetele stiintifice ale Conferintelor Internationale:**

- 2021-**Chaiman** International Asian Congress on Contemporary Sciences, Iunie 1-2, Ankara-Baku, 2021, p. 19
- 2020- Membra IPC of ***SEIA 2020, 6th International Conference on Sensors and Electronic Instrumentation Advances*** (SEIA' 2020), 23-25 September 2020, Porto, Portugal, https://seia-conference.com
- 2019-***Membra a IEEE Sensors Council, IEEE SENSORS 2019*** –conference –Montreal, Canada , October 27 to 30, 2019, Member of technical program committee for IEEE SENSORS 2019
- **2019- Chair IC-MAST-International Conference on Materials and Applications for Sensors and Transducers - September 02-05, 2019, Bratislava, Slovakia**
- 2018 Chair-section ***4th European Chemistry Congress*****,** May 11-13, 2018, Barcelona, Spain
- 2018 Chairperson ***International Conference on Materials and Applications for Sensors and Transducers*** - September 24-27, 2018, Bratislava, Slovakia
- ***2016 International Conference on Material Science, Energy Engineering & Sustainable Development (ICMES 2016),*** *April 9-10,* ***2016,*** *Hangzhou, China*

[redacted]

- **2015 International Conference on Sensors Engineering and Electronics Instrumental Advances (SEIA' 2015)** In conjunction with: **1st International Workshop on Recent Advances on Electrical, Sensors and Transducers Equipments,** 21-22 November **2015**, Dubai, UAE
- ***2012 Advanced Workshop on Solar Energy Conversion***, (organized by UNESCO Chair on Sustainable Development) Topics on Photovoltaics and Batteries, 21-23 May **2012**, Bucharest, Romania, Book of Abstracts, Publishing House IFIN-HH, 10-11
- **2012** Director of **Advanced workshop:** Insights into Novel Solid Materials, their Recyclability and Integration into Li Polymer Batteries for EVs. Future research directions in this field.Timisoara, July 4-5, **2012** http://www.SOMABAT.com
- **2010 Chairperson of Nano for Environment :** ***International Conference on Nanomaterials Synthesis, Characterization and Applications*****,** Mahatma Gandhi University, Centre for Nanoscience and Nanotechnology, Kottayam, Kerala, India, **27, 28, 29 April, 2010,** Section Organic/Inorganic Hybrid Nanomaterials, http://www.nanomaterials.macromol.in
- **Symposium with International Participation - New trends and strategies in the chemistry of advanced materials with relevance in biological systems, technique and environmental protection, Timişoara, ROMÂNIA, From** 1tst Edition, Timisoara, 2007 to 15th Edition, Timisoara, 2019.

**Membru de onoare** Senior Editor: ***Chemical Sensors***, Section: New Materials Developments AcademicPublishers Website: *www.simplex-academic-publishers.com*

***Premii la concursuri ştiinţifice internationale si naţionale***

******27premii obtinute prin proces de selectie***

***1986: Premiul I*** *pentru lucrarea Sinteze de diclorofosfine aromatice. Simpozionul-concurs naţional -MEC "Valori ştiinţifice şi tehnice actuale şi de perspectivă", Roman, 23–25 iul. 1986.*

***2007: Premiul I-acordat de catre Programul MATNANTECH -*** *pentru coordonare tineri cercetatori- in cadrul Proiectului 48/2006 , MAVOPTEL*

***2008: Diploma de Excelenta si Medalia de Aur*** *la SALONUL INTERNATIONAL DE INVENTICA- PRO INVENT editia a VI-a, 2008, Cluj-Napoca, pentru cererea de brevet Senzor Potenţiometric Nitrit – Selectiv, (cerere înregistrată la O.S.I.M., Bucureşti, România, NR.A/00190/23.03.2006)*

***2008: Premiul II ANCS-anul 2008, pentru proiecte de cercetare-dezvoltare,*** *Domeniul prioritar: Materiale, procese si produse inovative, 08 octombrie 2008, Sala Titulescu a Centrului de conferinţe de la Romexpo, Bucuresti, pentru PROGRAMUL MATNANTECH, CONTRACT : 48/26.07. 2006, Nanocompozite multifunctionale pe baza de arhitecturi supramoleculare cu proprietati optoelectronice, fotochimice, electrochimice si biologice-precursori pentru materiale avansate, MAVOPTEL,*

***2008: Diploma de excelenta si Medalia de aur*** *la al II-lea Congres National al Cercetatorilor si Inventatorilor din Romania CNCIR, cu participare internationala, Bucuresti, 11-12 decembrie 2008, site CNCIR, pentru inventia si lucrarea:*

*1. Fagadar-Cosma E, Vlascici D, Pica E, Costisor O, Cosma V, Olenic L, Bizerea O, Procedeu de realizare a unui senzor potentiometric pe baza de ionofor porfirinic cu selectivitate inalta pentru argint, CERERE Brevet de inventie OSIM, august 2008, A/00364/18.08.2008*

*2. Fagadar-Cosma E., Cseh L., Badea V., Fagadar-Cosma G., Vlascici D., Combinatorial synthesis and characterization of new asymmetric porphyrins as potential photosensitizers in photodynamic therapy,* ***Combinatorial Chemistry & High Throughput Screening****, 2007, 10(6), 466-472, ISSN: 1386-2073,* ***FI=2.551***

***2009: Medalia de aur si Premiul special ARCA al Uniunnii Inventatorilor din Croatia*** *la a 37-a Expozitie Internationala a Inventiilor, Noi tehnici si Produse, Geneva, 1-5 aprilie 2009 si* ***Medalia de aur si Premiul Special al Federatiei Poloneze a Asociatiei Inginerilor - NOT®*** *la 3rd International Warsaw Invention & Innovation Show IWIS 2009, Varsovia, Polonia, 1-3 iunie 2009, pentru cererea de inventie Procedure for construction of stochastic sensors based on porphyrins and diamond or graphite paste for the determination of ascorbic acid at molecular level, Cerere înregistrată la OSIM, nr.A/00898/17.11.2008,*

***2009: Medalia de aur si Diplomele de excelenta ale Societatii Romane a Inventatorilor si a Universitatii Tehnice din Moldova,*** *la Salonul International PRO INVENT, editia a VII-a, 2009, 22-26 martie 2009, Cluj-Napoca,*

***2011: Medalie de Aur,*** *la The XV-th International Exhibition of Inventics, Research and Technological Transfer INVENTICA 2011, and the XV-th International Conference of Inventics, Iasi, June 8 th - 10 th si*

***2013****:* ***Medalie de aur*** *la EUROINVENT, European Exhibition of Creativity and Innovation 2013, Iasi, Mai 2013 pentru inventia Procedeu de realizare a unui senzor potentiometric pe baza de ionofor porfirinic cu selectivitate inalta pentru argint, Cerere Brevet de inventie OSIM, august 2008, A/00364/18.08.2008*

***2013:Diplomă şi Medalia de aur si Medalia salonului INFOINVENT****Patent no. RO 123.447/30.05.2012, Expoziţia Internaţională Specializată INFOINVENT, ediţia a XIII-a, 19-22 noiembrie* ***2013,*** *Chisinau*

***2012:*** **Medalie de aur si** ***Diploma de excelenta la International jubilee edition of*** PRO INVENT, edition a X-a, 27 – 30 martie **2012,** Cluj-Napoca, pentru ***Group of Inventions :*** *Sensors for anion and cation detection based on meso-substituted Porphyrins*

***2015: OUTSTANDING REVIEWER of Elsevier for Mat. Res. Bull.***

***2016: Merit reviewer of PUBLONS and award of Outstanding Reviewer of Materials Letters Journal***

[redacted]

***2017: Sentinel of Science award for Chemistry for 2016 activity in Chemistry***
***2018-Premiul PUBLONS/2017- Top reviewer in Multidisciplinary Chemistry***
***& Gold medal "Traian VUIA " International Patents Competition* 13-15 iunie 2018 *for OSIM A 00311 (07.05.2018)***
***2019- Nominated Scholars Academic and Scientific Society, SAS Society & SASPR Edu International, India.***
***2019- PUBLONS Award: Top Reviewer in cross fields***
**2020.** Avid Science https://avidscience.com/: Fagadar-Cosma E., Badea V., Fagadar-Cosma G., Palade A., Lascu A., Fringu I., Birdeanu M.,Trace Oxygen Sensitive Material Based on Two Porphyrin Derivatives in a Heterodimeric Complex, ***Molecules***, (2017), doi:10.3390/molecules22101787 avarded as "**Top 5 Contributions in Molecular Sciences**" in 2019.
**2020**. Journal Der Chemica Sinica: Celebrating Its 10th Anniversary, 11/15/2019
Fagadar-Cosma E. - ***eminent Editorial Board Members***
*https://onlineprnews.com/news/1139750-1573792108-journal-der-chemica-sinica-celebrating-its-10th-anniversary.html/*
**2021 INSO 2021** Awards. Scientist Award in the International Scientist Awards on Engineering, Science and Medicine
**2022: COVER award** NANOMATERIALS, Cover Story https://www.mdpi.com/2079-4991/12/11
Article: One A3B Porphyrin Structure—Three Successful Applications
Nanomaterials 2022, 12(11), 1930; doi:10.3390/nano12111930
**2022**: **Cover Award** Chemosensors MDPI, FI=3.398, Volume 10, Issue 4, April 2022-26 Articles
Article: Excellent Cooperation between Carboxyl-Substituted Porphyrins, k-Carrageenan and AuNPs for Extended Application in CO2 Capture and Manganese Ion Detection
Chemosensors 2022, 10(4), 133; doi:10.3390/chemosensors10040133
**2023**: Făgădar-Cosma E., **Asia's Outstanding Researcher Award for excellence** in: "Electrochemical behaviour and analytical applications of a manganese porphyrin – silica hybrid film prepared by pulsed laser deposition". ASTRA 2023 || On 1st July 2023 || Grandeur Hall @Breeze Residency || Trichy, Tamil Nadu, India

***Apartenenţa la societăţi ştiinţifice sau profesionale***

- **2013-prezent** *Expert independent al Comisiei Europene pentru Programe FP7 si HORIZON comisia Chimie si Future and Emerging Technologies (MSCA-IF-EF, MSCA-RISE, MSCA-GT, Innovation)*
- *Membră a Societăţii Române de Chimie; American Nano Society; Asociatiei Romane pentru Electrochimie Aplicata; Membră a Asociaţiei de Cercetare Multidisciplinară din Zona de Vest a României; Membră a American Biographical Institute Research – Board of Advisors (referent din 24 septembrie 2001);Membra activa in REGISTRUL NAŢIONAL AL EXPERŢILOR ÎN ÎNVĂŢĂMÂNTUL SUPERIOR ŞI CERCETARE, din iunie 2005; Expert evaluator al Programelor Nationale de Excelenta CEEX, 2005, 2006 si a Programului INOVARE-2007; Membra a Asociatiei stiintifice „IFSA and Sensors" din anul 2006; Membra a Asociatiei INTERNATIONALE Society of Biological Inorganic Chemistry, din anul 2007; Membra "ESF-PESC – Comisia de Fizica si Stiinte Ingineresti"; Expert evaluator al Republicii Bulgaria - Ministry of Education And Science, National Science Fund, competitia-2008; Membru al grupului de 300 experti al Innovation Explorers (Elsevier) Membru invitat (2010) al asociatiei profesionale Optical Society of America (OSA)*
- ***Referent/membru in comitetul editorial al revistelor ISI:*** *Electrochimica Acta, Arabian Journal of Chemistry, Materials Research Bulletin, Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, Materials Letters, Materials Chemistry and Physics, Vibrational Spectroscopy, Colloids and Surfaces A: Physicochemical and Engineering Aspects, Bioorganic & Medicinal Chemistry Letters, Journal of Solid State Chemistry, Desalination, American Chemical Science Journal, SciKnow, Chinese Journal of Chemistry, Comb. Chem. & High Throughput Screening, Bioinorganic Chemistry and Applications, Sensors & Actuators: B. Chemical, Journal of Electroanalytical Chemistry, Pure and Applied Chemistry, J. Optoelectro.Adv. Mat., Recent Patents on Inflammation & Allergy Drug Discovery, WSEAS Transactions editor/referent-World Scientific and Engineering Academy and Society, Tetrahedron, The Open Chemical and Biomedical Methods Journal, Molecular and Biomolecular Spectroscopy, Journal of Luminescence, Journal of Molecular Structure, Journal of Magnetism and Magnetic Materials, J Phys. Chem, Journal-Of-Solar-Energy-Research-Updates.*

***Anexe***

***Anexa 1 Selectie, de lucrari publicate***

***Articole/studii publicate în reviste de specialitate de circulaţie internaţională recunoscute, cu FI, cotate de Web of Science (Thomson Reuters)***

***133.*** *Lascu A, Vlascici D, Birdeanu M, Epuran C, Fratilescu I,* ***Fagadar-Cosma E****
*The Influence of the Nature of the Polymer Incorporating the Same A3B Multifunctional Porphyrin on the Optical or Electrical Capacity to Recognize Procaine,* ***International Journal of Molecular Sciences****. 2023; 24(24):17265. https://doi.org/10.3390/ijms242417265 FI=* 6.208

***132.*** *Mihaela Birdeanu, Ion Fratilescu, Camelia Epuran, Liviu Mocanu, Catalin Ianasi, Anca Lascu,* ***Eugenia Fagadar-Cosma****
*Nanomaterials Based on Collaboration with Multiple Partners: Zn3Nb2O8 Doped with Eu3+ and/or Amino Substituted Porphyrin Incorporated in Silica Matrices for the Discoloration of Methyl Red,* ***Int. J. Mol. Sci.*** *2023, 24(10), 8920; https://doi.org/10.3390/ijms24108920 FI=* 6.208

***131.*** *Maxim FI, Tanasa E, Mitrea B, Diac C, Skála T, Tanase LC, Ianăşi C, Ciocanea A, Antohe S, Vasile E,* ***Fagadar-Cosma E*,*** *Stamatin SN. Polymeric Carbon Nitrides for Photoelectrochemical Applications: Ring Opening-Induced Degradation.* ***Nanomaterials****. 2023; 13(7):1248. https://doi.org/10.3390/nano13071248 FI=5.719*

***130.*** *Vlascici, D.; Lascu, A.; Fratilescu, I.; Anghel, D.; Epuran, C.; Birdeanu, M.; Chiriac, V.;* ***Fagadar-Cosma, E. ****
*Asymmetric Pt(II)-Porphyrin Incorporated in a PVC Ion-Selective Membrane for the Potentiometric Detection of Citrate.* ***Chemosensors*** *2023, 11, 108. https://doi.org/10.3390/chemosensors11020108 FI=4.229*

***129.*** *Taranu, B.-O.;* ***Fagadar-Cosma, E****.; Sfîrloaga, P.; Poienar, M., Free-Base Porphyrin Aggregates Combined with Nickel Phosphite for Enhanced Alkaline Hydrogen Evolution****.,*** ***Energies*** *2023, 16, 1212. https://doi.org/10.3390/en16031212 FI=3.252*

***128****. Lascu A, Epuran C, Fratilescu I, Birdeanu M, Halip L,* ***Fagadar-Cosma E. * ,*** *Porphyrin Hetero-Trimer Involving a Hydrophilic and a Hydrophobic Structure with Application in the Fluorescent Detection of Toluidine Blue,* ***Chemosensors.*** *2022; 10(11):481. https://doi.org/10.3390/chemosensors10110481 FI=4.229*

***127.*** *Taranu B-O,* ***Fagadar-Cosma E. ****
*The pH Influence on the Water-Splitting Electrocatalytic Activity of Graphite Electrodes Modified with Symmetrically Substituted Metalloporphyrins.* ***Nanomaterials****. 2022; 12(21):3788. https://doi.org/10.3390/nano12213788 FI=5.719*

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**CONFERINTE invitate si sustinute la manifestări ştiinţifice INTERNATIONALE**

49. ***Fagadar-Cosma Eugenia,*** Conferinta invitata, ICTFPA016
Thin film layers based on porphyrins and pseudo-binary-oxides with synergistic effects in corrosion inhibition of steel
***International Conference on Thin-Film Application and Processing-2022, ICTFPA-2022***, University of Johannesburg, South Africa, 4-5 martie 2022 (On-Line), Thin Film Application-Section

48. ***Eugenia Fagadar-Cosma***
Conferinta invitata: When laser methods encounter porphyrin derivatives to create multifunctional thin layers destined for corrosion inhibition and sensor devices
**Webinar on "Laser, Optics & Photonics"** held during July 26-27 London (UK), Coalescence Research Group, 2021, p. 17

47 Conferinta invitata & Chairman: Eugenia Fagadar-Cosma
Metalloporphyrins as Electrochemical Mediators for Hydrogen Peroxide Detection
***International Asian Congress on Contemporary Sciences***, held during June 1-2, Ankara-Baku, 2021, p. 19

46. ***Eugenia Fagadar-Cosma***
Conferinta invitata: Porphyrins in Competition with their Nanomaterials Containing PtNPs and AuNPs. Synergism in Benefit of Sensing Applications
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***Single-Molecule Sensors and NanoSystems International Conference*** – S3IC **2020**, pagina web: https://premc.org/conferences/s3ic-single-molecule-sensors-nanosystems/ 9-11 Noiembrie 2020- Barcelona, Spania in forma ONLINE

44. ***Fagadar-Cosma E.***
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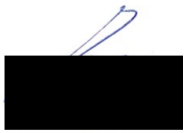

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