DOMENIUL FUNDAMENTAL: ȘTIINȚE INGINEREȘTI
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L I S T A
lucrărilor ştiinţifice elaborate in ultimii 10 ani (2015-2025)

A. Teza de doctorat/abilitare

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E. Brevete obţinute în întreaga activitate

E1.	-

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lucrărilor ştiinţifice

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F. Brevete obţinute în întreaga activitate

E1.	Brevet Nr 81735 „Aparat pentru determinarea caracteristicilo elastice ale rocilor prin tensometrie electrica

Data:
12.12.2025

Semnătura:

Nume Prenume: Dima Nicolae
Gradul didactic: Prof.univ.dr. ing.
Instituția unde este titular: Universitatea din Petroșani
Facultatea: Mine
Departamentul: Inginerie minieră, Topografie și Construcții

LISTA
lucrărilor ştiinţifice

A. Teza de doctorat/abilitare

A1. ***Dima N.*** Contribuţii la studiul asupra reţelelor topografice subterane şi a problemelor de străpungere. Institutul de Mine, Petroșani

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- Selecție cu maximum 20 de lucrări în volume de conferințe

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E1. Prof.univ.dr.ing. Nicolae **DIMA,** a fost prezentată invenția: *Instalație pentru verificarea verticalității puțurilor de mină* cu următoarele medalii: Medalia de aur acordată de organizatorii salonului, Premiul special și medalie, acordate de Ecoole Marocaine de Sciences de L'ingeniuer, din Casablanca, Maroc, Premiul special și medalie, acordate de Association of Portuguese Inventors, Innovators & Creatives, Portugalia, Premiul special și medalie, acordate de Universitatea Tehnică din Timișoara, Salonul de Inventică EUROINVENT, Iași, 2019.
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LISTA
lucrărilor ştiinţifice

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A2.L.O.Filip – Studii și analize privind conducerea topografică a lucrărilor subterane în condiții tehnice de siguranță, Universitatea din Petroşani, 2025.

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G. Lucrări publicate în ultimii 10 anii în reviste şi volume de conferinţe cu referenţi (neindexate)

- Selecție cu maximum 20 de lucrări în volume de conferințe

D1.
D2.
D3.
D4.
D5.
D6.

G. Brevete obţinute în întreaga activitate

E1.	

Data:
01.10.2025

Semnătura:

Nume Prenume: **HERBEI MIHAI VALENTIN**
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Facultatea: **Agricultură**

Departamentul: **Dezvoltare durabilă şi Ingineria mediului**

L I S T A
lucrărilor ştiinţifice

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- Selecție cu maximum 20 de lucrări în volume de conferințe

H. Brevete obţinute în întreaga activitate

E1.	-

Data:
01.10.2025

Semnătura:

Nume Prenume: **LAZAR MARIA**
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Instituția unde este titular: **Universitatea din Petroșani**
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L I S T A
lucrărilor ştiinţifice

A. Teza de doctorat/abilitare

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I. Lucrări publicate în ultimii 10 anii în reviste şi volume de conferinţe cu referenţi (neindexate)

- Selecție cu maximum 20 de lucrări în volume de conferințe

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I. Brevete obţinute în întreaga activitate

E1.	-

Data:
01.10.2025

Semnătura:

Nume Prenume: **Csaba-Romuald LORINȚ**
Gradul didactic: **Conf.univ.dr.habil. ing.ec.**
Instituția unde este titular: **Universitatea din Petroșani**
Facultatea: **de Mine**
Departamentul: **de Ingineria Mediului și Geologie**

L I S T A
lucrărilor ştiinţifice

A. Teza de doctorat/abilitare

A1. *Studiul depozitelor bauxitice din sud-vestul Munţilor Sebeş în contextul includerii lor în Parcul Natural Grădiştea Muncelului Cioclovina*, Teză de doctorat, Universitatea din Petroşani, 2008, Domeniul fundamental Științe inginerești, Domeniul de doctorat Mine, Petrol și Gaze, Diploma de Doctor, Nr. 441/25.02.2009. Seria F, Nr. 0011913;
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B. Cărţi si capitole în cărţi publicate în ultimii 10 ani

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E1.	-

Data:
01.10.2025

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L I S T A
lucrărilor ştiinţifice

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K. Lucrări publicate în reviste şi volume de conferinţe cu referenţi (neindexate)
- Selecție cu maximum 20 de lucrări în volume de conferințe

D1. **Marian, D.P.** - *Geological and mining reasons which led to the accident of Petrila mine on 15/11/2008*, International symposium occupational health and safety SESAM 2009.
D2. Băloi (Semen) N., Fissgus K.G., **Marian D.P.** – *Introduction to Mobile Laser Scanning*, International Multidisciplinary Symposium „UNIVERSITARIA SIMPRO”, Petroşani, 2012, ISSN 1842-4449.
D3. **Marian D.P.**, Ştefan N., Fissgus K., Vereş I., Munteanu R., Lazăr M. – *Surface Subsidence Prediction in the Jiu Valley Coal Basin*, Freiberger Forschungsforum; 64. Berg- und Hüttenmännischer Tag, Scientific Reports on Resource Issues, ISSN 2190-555X, Freiberg, 2013, pag. 142-150.
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K. Brevete obţinute în întreaga activitate

E1.	

Data: 10.12.2025 **Semnătura:**

Nume Prenume: **Onica Ilie**
Gradul didactic: **Prof.univ.dr.habil. ing.**
Instituția unde este titular: **Universitatea din Petroșani**
Facultatea: **de Mine**
Departamentul: **Inginerie minieră, Topografie și Construcții**

L I S T A
lucrărilor ştiinţifice

A. Teza de doctorat/abilitare

A1.Teza de doctorat: *Contribuţii la perfecţionarea tehnologiilor de exploatare cu fronturi lungi de abataj a stratelor groase de cărbune din Valea Jiului, prin utilizarea unor susţineri mecanizate adecvate condiţiilor geominiere,* Universitatea din Petroșani, 1995
A2.Teza de abilitare: *Contribuţii la modelarea şi analiza stabilităţii terenurilor aflate sub influenţa excavaţiilor miniere subterane şi perfecţionarea sistemelor de exploatare a zăcămintelor de substanţe minerale utile,* Universitatea din Petroșani, 2016

B. Cărţi si capitole în cărţi publicate în ultimii 10 ani

Cărți:

B1. Onica,I. *Hidrodinamica mediilor poroase. Fundamente teoretice,* Ed.Universitas, Petroşani, 2016, ISBN 978-973-741-503-5, 206 pag.
B2. Onica,I. *Introducere în modelarea cu elemente finite. Stabilitatea excavaţiilor miniere, Ed.Universitas,* Petroşani, 2016, ISBN 978-973-741-509-7, 293 pag.
B3. **Onica,I.** *Exploatări miniere, Ed.Universitas,* Petroşani, 2016, ISBN 978-973-741-471-7, 395 pag.
B4. Onica,I., Goldan,T., Mihăilescu,V. *Exploatări miniere subterane - ghid pentru proiectul de diplomă,* Ed.Universitas, Petroşani, 2016, ISBN 978-973-741-472-4, 75 pag.
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Capitole în cărți:

B6.

K. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

Lucrări în reviste indexate Clarivate Analitics ISI WoS și în volume indexate Clarivate Analitics ISI WoS - ISI Proceedings
Lucrări în reviste indexate Clarivate Analitics ISI WoS
C1.Marian, D.P., Onica, I. *Analysis of the Geomechanical Phenomena That Led to the Appearance of Sinkholes at the Lupeni Mine, Romania, in the Conditions of Thick Coal Seams Mining with Longwall Top Coal Caving,* Sustainability 2021, Vol. 13, Issue 11, 6449, doi.org/10.3390 /su13116449, ISSN 2071-1050 (*Factor de impact 2,576*)
C2. Marian D.P., **Onica I.,** Marian R.R., Floarea D.A. - *Finite Element Analysis of the State of Stresses on the Structures of Buildings Influenced by Underground Mining of Hard Coal Seams in the Jiu Valley Basin (Romania),* Sustainability, Volume 12, Issue 4, 2020.

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C3. Onica,I., Viorel Mihăilescu,V., Andrioni,F. *Economical optimization of the mechanized longwall faces with top coal caving mining, in horizontal slices*, Archives of Mining Sciences, Vol. 61 (2016), No 3, p. 651–676, DOI 10.1515/amsc-2016-0046. IF: 0.448 http://archiwum.img-pan.krakow.pl/index.php/AMS/article/download/842/710 http://mining.archives.pl , Archives of Mining Sciences
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C8. Marian, D.P., **Onica, I.**, *Excavation of the Refuge Incline, Between Horizons +226m and +190m, the Western Wing, from Ocnele Mari Rock Salt Mine*, Annals of the University of Petrosani, Mining Engineering, 25 (2024), pp.15-26.
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C15. Postolachi, B., Marina, O., Marian, D., **Onica, I.** (2023), *The influence of the exploitation of the XIV horizon on the stability of the Cantacuzino Mine - Slănic Prahova Saline*, Proceedings of SESAM.

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C17. Marian D.P., **Onica I.,** *Exploitation of the polymetallic Antonio ore body, from Băița Plai Mine*, Revista Minelor, Vol. 28, Nr. 4, 2022.
C18. Marian D.P., **Onica I.,** Marina O., *Analysis of the influence of the vertical coaxiality of the pillars on the stability of the resistance structures, from the Ocnele Mari Saline*, Revista Minelor, Vol. 28, Nr. 4, 2022.
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C20. Marian, D.P., **Onica, I**., *Numerical modeling of the stability of the resistance structures from Ocnele Mari salt mine using the finite element method*, Annals of the University of Petrosani – Mining Engineering, Vol. 22/2021, pag.113-126.
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C26. Marian, D.P., **Onica, I.** *Finite element modelling of the stability of underground mining excavations at old mines – Slănic salt mine*, Revista minelor, Vol.27, No.1, 2021, pag. 12-23. https://issuu.com/revmin/docs/nr1ro2021
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C33. Floarea,D.A., **Onica,I.,** Marian,D.P., *Studiul comportării clădirilor situate în zona de influenţă a exploatării stratelor groase de cărbuni din bazinul minier Valea Jiului, prin modelarea cu elemente finite în 3D,* Annals of the University of Petroşani, Mining Engineering, 19 (2018), ISSN: 1454-9174, (revistă categoria **B+**, cod CNCSIS 22; MKPERIODICA - Rusia, ULRICH'S - Germania şi EBSCO Publishing Inc. – SUA; SUWECO – Cehia). http://www.ulrichsweb.com/ulrichsweb/ulrichsweb_news/ulrichslb3u.asp
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L. Lucrări publicate în ultimii 10 anii în reviste şi volume de conferinţe cu referenţi (neindexate)

- Selecție cu maximum 20 de lucrări în volume de conferințe

D1. Popescu Laurențiu, **Ilie Onica**, Dacian Paul Marian, *Structural Assessment of the Trotuș Mine in Târgu Ocna Using Ground Penetrating Radar: Geological Correlations and Risk Zones*, The 9th Balkanmine Congress, 09-10, 2025, Petroșani, Romania, in Proceedings of the Balkanmine Congress.

L. Brevete obţinute în întreaga activitate

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L I S T A
lucrărilor ştiinţifice

A. Teza de doctorat/abilitare

A1. *Cercetări referitoare la caracterizarea comportamentului reologic al rocilor din bazinul Valea Jiului şi implicaţiile acestuia în asigurarea stabilităţii lucrărilor miniere orizontale principale*, Universitatea din Petroşani, 1999, domeniul Mine, Petrol şi Gaze A2. *Cercetări şi rezultate în stabilitatea lucrărilor miniere subterane*, Teză de abilitare, Universitatea din Petroşani, 2016, domeniul Mine, Petrol şi Gaze

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M. Brevete obţinute în întreaga activitate

E1.	

Data:
01.10.2025

Semnătura:

Nume Prenume: VEREȘ IOEL SAMUEL
Gradul didactic: **Prof.univ.dr.habil. ing.**
Instituția unde este titular: **Universitatea Tehnică din Cluj-Napoca**
Facultatea: **Construcții**
Departamentul: Măsurători terestre și cadastru

L I S T A
lucrărilor ştiinţifice

A. Teza de doctorat/abilitare

A1. Ramura de Ştiinţă Tehnică, specializarea Topografie minieră, anul 1999, titlul tezei: *Orientarea lucrărilor topografice subterane în condițiile impuse de factorii de proiectare a lucrărilor miniere și de importanța lor în procesul tehnologic.*
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N. Lucrări publicate în ultimii 10 anii în reviste şi volume de conferinţe cu referenţi (neindexate)

- Selecție cu maximum 20 de lucrări în volume de conferințe

D1. Veres I., *The Role of Land Measurements and Cadastre in Sustainability-Driven Territorial Development,* 9th CERS - Central European Conference in Regional Science "Sustainability-driven territorial development. Challenges for CEECs Cluj-Napoca 2025
D2. Arad V., Arad S., Iliaş N., Ticu M., Popa L., **Vereș I**., *Risk factors for the undermined coal bench mining*, Simpozionul Român Al Energiei – SIREN 2021
D3. M.Ticu, V.Arad, N.Iliaş, S.Arad, L.Popa, G.Teşeleanu, **I.Veres**, *Securizarea și monitorizarea fabricarii si utilizarii explozivilor de uz civil prin SAP*, Zilele Academiei de Ştiinţe Tehnice din România, 2021 (ZASTR 2021)
D4. Arad V, Arad S, **Vereș I**. - *Fenomene dinamice produse la exploatarea sării în România* Zilele Academiei de Ştiinţe Tehnice din România, 2023 (ZASTR 2023)

N. Brevete obţinute în întreaga activitate

E1.	

Data: 01.10.2025

Semnătura:

DOMENIUL FUNDAMENTAL: ŞTIINŢE INGINEREŞTI
DOMENIUL DE DOCTORAT: INGINERIA SISTEMELOR

Nume Prenume: **CIOCA MARIUS**
Gradul didactic: **Prof.univ.dr.habil. ing.**
Instituția unde este titular: **Universitatea Lucian Blaga din Sibiu**
Facultatea: **de Inginerie**
Departamentul: **Inginerie Industrială și Management**

L I S T A
lucrărilor ştiinţifice

A. Teza de doctorat/abilitare

A1. *Contribuţii Ia modelarea întreprinderii şi arhitecturi de referinţă de sisteme informatice în mediul industrial*, Teză de doctorat, Universitatea POLITEHNICA din Bucureşti, 2004
A2. *Cercetări şi rezulatte în Ingineria Sistemelor*, Teză de abilitare, Universitatea din Petroşani, 2017

B. Cărţi si capitole în cărţi publicate în ultimii 10 ani

Cărți:

B1. Cioca, M. (2018) *Studii şi tehnici de dezvoltare a aplicaţiilor în C++*, Editura Universității ”Lucian Blaga” din Sibiu, ISBN 978-606-12-1587-4;
B2. Cioca, M. (2015) *Programarea aplicațiilor Web*, Editura Universității ”Lucian Blaga” din Sibiu, ISBN 978-606-12-1203-3;

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B11.

N. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

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C2. Schuszter IC, **Cioca M.** (2024) „*Increasing the Reliability of Software Systems Using a Large-Language-Model-Based Solution for Onboarding”*. Inventions. 2024; 9(4):79, IF=2.10
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C12. Karakozov, G., Virabyan, G., Verlinski, S., Ciudin, R., **Cioca, M.** (2016) "*Construction of decision support system in business design based on integration of information technology*", 6th International Conference on Computers Communications and Control (ICCCCIEEE), DOI: 10.1109/1CCCC.2016.7496750
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O. Lucrări publicate în ultimii 10 anii în reviste şi volume de conferinţe cu referenţi (neindexate) - Selecţie cu maximum 20 de lucrări în volume de conferinţe

D1.

O. Brevete obţinute în întreaga activitate

E1.	

Data:
05.12.2025

Semnătura:

Nume Prenume: Monica LEBA
Gradul didactic: **Prof.univ.dr.habil. ing.**
Instituția unde este titular: **Universitatea din Petroșani**
Facultatea: **Inginerie Mecanică și Electrică**
Departamentul: Automatică, Calculatoare, Inginerie Electrică și Energetică

L I S T A
lucrărilor ştiinţifice

A. Teza de doctorat/abilitare

A1. *Contribuţii privind conducerea numerică ierarhizată a sistemelor de acţionare cu motor asincron cu aplicaţii în industria minieră, Universitatea din Petroşani, Domeniul Ştiinţe Inginereşti, Specializarea Automatică, 2002.* A2. *Computers for Control: from Industrial Processes to Innovative Systems,* Universitatea din Craiova, Domeniul Ingineria sistemelor, 2015

B. Cărţi si capitole în cărţi publicate în ultimii 10 ani

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B1. Exoskeleton Control System. ISBN-13: 978-620-3-20051-5, ISBN-10: 6203200514, EAN: 9786203200515, Book language: English, By (author): Marius-Nicolae Risteiu, **Monica Leba**, Olimpiu Stoicuta. Number of pages: 168, Published on: 2021-01-05, https://my.lap-publishing.com/catalog/details//store/ru/book/978-620-3-20051-5/exoskeleton-control-system
B2. Quality Tools Embedded in I.T. Startup Project Management by Raluca Dovleac (Author), Andreea Ionica (Author), **Monica Leba** (Author), Publisher: LAP LAMBERT Academic Publishing (25 Jan. 2021), Language : English, Paperback : 224 pages, ISBN-10 : 6203303321, ISBN-13 : 978-6203303322, https://www.amazon.co.uk/Quality-Embedded-Startup-Project-Management/dp/6203303321
B3. Application of Visible Light Wireless Communication in Underground Mine, Simona Mirela Riurean, **Monica Leba**, Andreea Cristina Ionica, DOI https://doi.org/10.1007/978-3-030-61408-9, Publisher Springer Cham, Springer Nature Switzerland AG 2021, Hardcover ISBN978-3-030-61407-2, Published: 03 February 2021, Number of Pages 226, https://link.springer.com/book/10.1007/978-3-030-61408-9
B4. Exploring the Possibilities of Using Project Management Methodologies in the 21st Century Education, By: Ahmad Fuad Saad, Andreea Cristina Ionica, **Monica Leba**, Publisher: LAP Lambert, ISBN: 978-620-6-75526-5, no of pages: 251
B5. Cosmin Rus, **Monica Leba** – Utilizarea vehiculelor electrice in spatii inchise, Editura Universitas, 2022, ISBN 978-973-741-862-3, 215 pag.
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B.9. Monica Leba, Assembly Language Programming. Applications in system control engineering. Volume I, Ed. Lambert, 2019, ISBN 978-620-0-48576-2, 380 pag. https://www.morebooks.shop/store/gb/book/assembly-language-programming/isbn/978-620-0-48576-2

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B13. Andreea Ionica, **Monica Leba** - Integrated System for New Product Development in Healthcare în Intelligent Techniques for Efficient Use of Valuable Resources - Knowledge and Cultural Resources Integrated (83-106 pp.), https://doi.org/10.1007/978-3-031-09928-1, Integrated System for New Product Development in Healthcare | SpringerLink, Springer, Published: 02 August 2022, ISBN 978-3-031-09927-4 ISSN 1868-4394

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Lucrări în reviste indexate Clarivate Analitics ISI WoS

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SUSTAINABILITY

Publisher name: MDPI

Journal Impact Factor ™

3.3 — 2024

3.6 — Five Year

JCR Category	Category Rank	Category Quartile
ENVIRONMENTAL SCIENCES *in SCIE edition*	176/374	Q2
ENVIRONMENTAL STUDIES *in SSCI edition*	80/191	Q2

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<tr><td>C3.</td><td>Seeing the Unseen: Real-Time Micro-Expression Recognition with Action Units and GPT-Based Reasoning
Salagean, GL; Leba Monica and Ionica, AC
Jun 6 2025, APPLIED SCIENCES-BASEL 15 (12) Q2</td></tr>
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Salagean, GL; Leba Monica and Ionica, AC
Mar 6 2025, SYMMETRY-BASEL 17 (3) Q2

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2.1 — Five Year

JCR Category	Category Rank	Category Quartile
MULTIDISCIPLINARY SCIENCES *in SCIE edition*	54/135	Q2

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<tr><td>C5.</td><td>Enhancing Agritourism 4.0: Key Technologies and Benefits
Stancioiu, EL; Ionica, AC and Leba Monica
Jun 1 2025, BUSINESS SYSTEMS RESEARCH JOURNAL 16 (1), pp.233-254 ESCI Q4</td></tr>
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<tr><td></td><td>

BUSINESS SYSTEMS RESEARCH JOURNAL

Publisher name: SCIENDO

Journal Impact Factor ™

1.2 — 2024

1.3 — Five Year

JCR Category	Category Rank	Category Quartile
BUSINESS *in ESCI edition*	239/316	Q4

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<tr><td>C6.</td><td>

Ionica, A; Cseminschi S; **Monica Leba**. From Concept to Market: Ensemble Predictive Model for Research Project Crowdfunding Readiness. SYSTEMS, 2024,12 (12), 535, 10.3390/systems12120535 (Q1)

Journal information ×

SYSTEMS

Publisher name: MDPI

Journal Impact Factor ™

2.3 — 2023

2.5 — Five Year

JCR Category	Category Rank	Category Quartile
SOCIAL SCIENCES, INTERDISCIPLINARY *in SSCI edition*	44/267	Q1

Source: Journal Citation Reports 2023. Learn more

</td></tr>
<tr><td>C7.</td><td>

Panaite, FA; Rus, C; **Monica Leba**; Ionica, AC; Windisch, M. Enhancing Air-Quality Predictions on University Campuses: A Machine-Learning Approach to PM2.5 Forecasting at the University of Petrosani. SUSTAINABILITY, 2071-1050, 2024, 16 (17), 7854, 10.3390/su16177854, WOS:001311385100001 (Q2)

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<tr><td></td><td>
Journal information

SUSTAINABILITY

Publisher name: MDPI

Journal Impact Factor ™

3.3 2023 | 3.6 Five Year

JCR Category	Category Rank	Category Quartile
ENVIRONMENTAL SCIENCES *in SCIE edition*	159/358	Q2
ENVIRONMENTAL STUDIES *in SSCI edition*	66/182	Q2
GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY *in SCIE edition*	58/91	Q3
GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY *in SSCI edition*	58/91	Q3

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</td></tr>
<tr><td>C8.</td><td>Sibisanu, R; Cseminschi, S; Ionica, A; Monica Leba; Draghici, A; Nassar, Y. Investigating School Principals’ Burnout: A Cross-Cultural Perspective on Stress, Sustainability, and Organizational Climate. SUSTAINABILITY, 2071-1050, 2024, 16 (16), 10.3390/su16167016, WOS:001307574800001 (Q2)</td></tr>
<tr><td>C9.</td><td>Windisch, M; Wassermann, J; Monica Leba; Stoicuta, O. Hadamard Error-Correcting Codes and Their Application in Digital Watermarking. SENSORS, 1424-8220, 2024, 24 (10), 10.3390/s24103062, WOS:001231408500001 (Q2)

Journal information

SENSORS

Publisher name: MDPI

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3.4 2023 | 3.7 Five Year

JCR Category	Category Rank	Category Quartile
CHEMISTRY, ANALYTICAL *in SCIE edition*	34/106	Q2
ENGINEERING, ELECTRICAL & ELECTRONIC *in SCIE edition*	122/353	Q2
INSTRUMENTS & INSTRUMENTATION *in SCIE edition*	24/76	Q2

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<tr><td>C10.</td><td>Stoicuta, O; Riurean, S; Burian, S; Monica Leba; Ionica, A. Application of Optical Communication for an Enhanced Health and Safety System in Underground Mine. SENSORS, 1424-8220, 2023, 23 (2), 10.3390/s23020692, WOS:000927245900001 (Q2)</td></tr>
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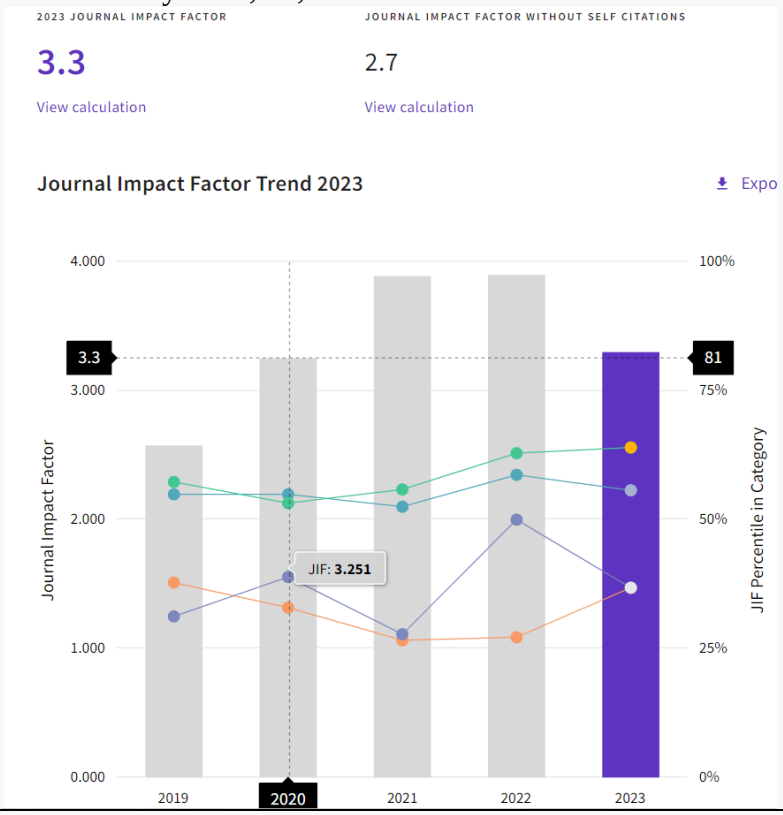
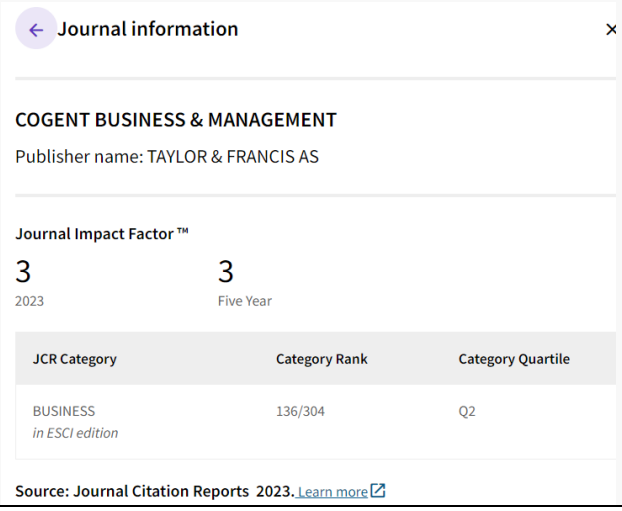
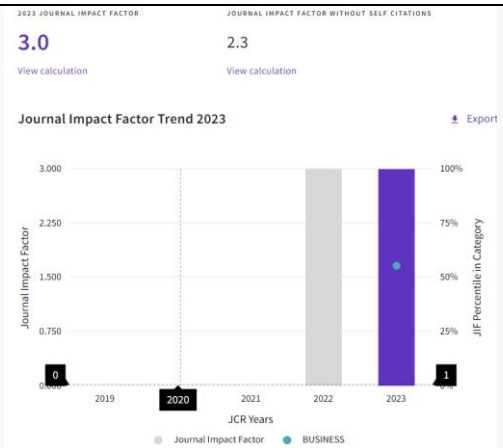
C13.	Ionica, A.; Samuil, I.; **Leba, M.**; Toderas, M. The Path of Petrila Mining Area towards Future Industrial Heritage Tourism Seen through the Lenses of Past and Present. Sustainability 2020, 12, 9922. 
C14.	QFD embedded Agile approach on IT startups project management By: Dovleac, Raluca; Ionica, Andreea; **Leba, Monica** COGENT BUSINESS & MANAGEMENT Volume: 7 Issue: 1 Article Number: 1782658 Published: JAN 1 2020 



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By: **Leba, Monica**; Ionica, Andreea Cristina; Risteiu, Marius Nicolae INDUSTRIA TEXTILA Volume: 71 Issue: 1 Pages: 68-72
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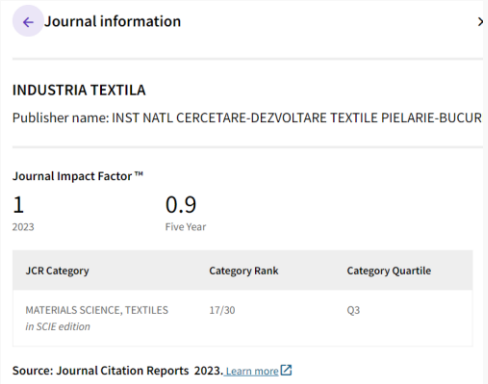

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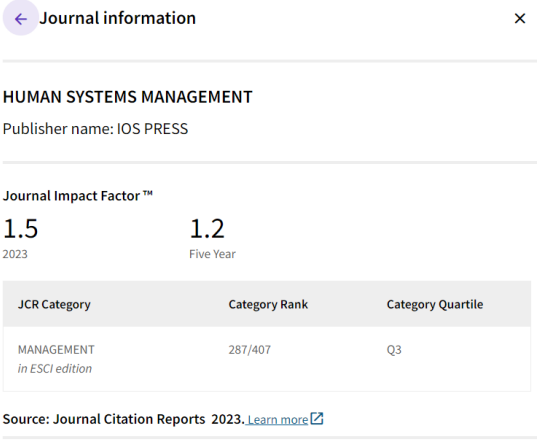
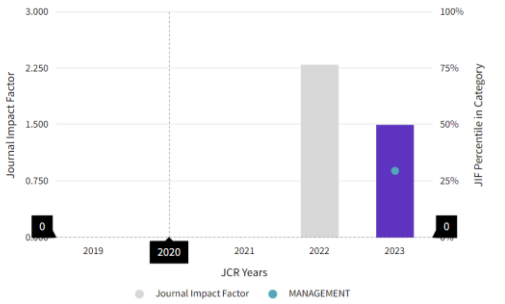


	2023 JOURNAL IMPACT FACTOR **1.5** View calculation JOURNAL IMPACT FACTOR WITHOUT SELF CITATIONS 1.3 View calculation **Journal Impact Factor Trend 2023** Export 
C17.	Riurean Simona; Antipova Tatiana; Rocha Alvaro; **Leba Monica**; Ionica Andreea, VLC, OCC, IR and LiFi Reliable Optical Wireless Technologies to be Embedded in Medical Facilities and Medical Devices, JOURNAL OF MEDICAL SYSTEMS Volume: 43 Issue: 10 Article Number: 308 DOI: 10.1007/s10916-019-1434-y Published: OCT 2019 **Journal information** **JOURNAL OF MEDICAL SYSTEMS** Publisher name: SPRINGER **Journal Impact Factor ™** 3.5 — 2023 4.7 — Five Year JCR Category / Category Rank / Category Quartile HEALTH CARE SCIENCES & SERVICES *in SCIE edition* — 31/174 — Q1 MEDICAL INFORMATICS *in SCIE edition* — 18/44 — Q2 **Source: Journal Citation Reports 2023.** Learn more
C18.	VLC embedded medical system architecture based on medical devices quality requirements By: Riurean, Simona Mirela; **Leba, Monica**; Ionica, Andreea QUALITY-ACCESS TO SUCCESS Volume: 20 Supplement: 1 Pages: 317- 322 Published: JAN 2019

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Journal information ×

QUALITY-ACCESS TO SUCCESS

Publisher name: SOC ROMANA PENTRU ASIGURAREA CALITATII

Journal Impact Factor ™

0.5 2023 | 0.5 Five Year

JCR Category	Category Rank	Category Quartile
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<tr><td>C19.</td><td>Quality management and Web 2.0 tools embedded in the agile approach for education
By:Dovleac, R (Dovleac, Raluca)[1] ; Sad, A (Sad, Ahmad)[1] ; Ionica, A (Ionica, Andreea)[1] ; Leba, M (Leba, Monica)[1]
QUALITY-ACCESS TO SUCCESS
Volume: 20 Pages: 329-334 Supplement: 1
Published: JAN 2019</td></tr>
<tr><td>C20.</td><td>Exoskeleton for improving quality of life for low mobility persons By:
Risteiu, Marius; Leba, Monica; Arad, Andrei
QUALITY-ACCESS TO SUCCESS Volume: 20 Supplement: 1 Pages: 341-
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<tr><td>C22.</td><td>Evaluating Items Structure and Objectivity on E-Commerce Subject. Riurean, S.; Monica Leba; Ionica, A.
INTERNATIONAL JOURNAL OF EDUCATION AND INFORMATION TECHNOLOGIES Volume: 12 Pages: 69-74 Published: 2018 (emerging sources)
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Publisher name: NORTH ATLANTIC UNIV UNION-NAUN

Journal Impact Factor ™

0.6 2023 | 0.4 Five Year

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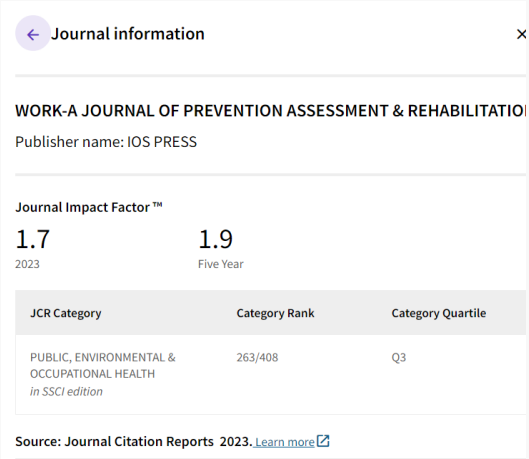
C23.	**Innovation and quality - partnership for sustainable development. Check4Green Startup Case** By: Ionica, Andreea; **Monica Leba** QUALITY-ACCESS TO SUCCESS Volume: 18 Supplement: 1 Pages: 338-343 Published: JAN 2017 (emerging sources) WOS:000417405000062
C24.	**Human action quality evaluation based on fuzzy logic with application in underground coal mining** By: Ionica, Andreea; **Monica Leba** WORK-A JOURNAL OF PREVENTION ASSESSMENT & REHABILITATION Volume: 51 Issue: 3 Special Issue: SI Pages: 611- 620 Published: 2015  Journal information WORK-A JOURNAL OF PREVENTION ASSESSMENT & REHABILITATIO Publisher name: IOS PRESS Journal Impact Factor ™ 1.7 2023 1.9 Five Year JCR Category / Category Rank / Category Quartile PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH in SSCI edition / 263/408 / Q3 Source: Journal Citation Reports 2023. Learn more

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C27.	Rus; C; **Monica Leba**; Sibisanu; R SOS - My Grandparents: Using the Concepts of IoT; AI and ML for the Detection of Falls in the Elderly GOOD PRACTICES AND NEW PERSPECTIVES IN INFORMATION SYSTEMS AND TECHNOLOGIES; VOL 1; WORLDCIST 2024 Lecture Notes in Networks and Systems 12th World Conference on Information Systems and Technologies (WorldCIST) Lodz Univ Tech; Lodz; POLAND 2367-3370 2367-3389 978-3-031-60214-6; 978-3-031-60215-3 2024 10.1007/978-3-031-60215-3_16 WOS:001267236300016

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C31.	Samuil; I; Ionica; A; **Monica Leba** Industrial Tourism Development in a Former Mining Area Using Dynamic Model Approach INFORMATION SYSTEMS AND TECHNOLOGIES; VOL 3; WORLDCIST 2023 Lecture Notes in Networks and Systems 11st World Conference on Information Systems and Technologies (WorldCIST) Pisa; ITALY 2367-3370 2367-3389 978-3-031-45647-3; 978-3-031-45648-0 2024 10.1007/978-3-031-45648-0_25 WOS:001259461600025
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C39.	Designing Customized Touristic Circuits Based on Heuristic and Non-heuristic Algorithms with Gamification Tools By:Samuil, I (Samuil, Ionela) [1] ; Ionica, A (Ionica, Andreea) [1] ; Leba, M (Leba, Monica) [1] INFORMATION SYSTEMS AND TECHNOLOGIES, WORLDCIST 2022, VOL 3 Book Series Lecture Notes in Networks and Systems Volume 470 Page 222-233 DOI 10.1007/978-3-031-04829-6_20 Published 2022
C40.	Riurean; S; **Monica Leba**; Ionica; A; Rocha; A. Optical Wireless Communication Applications and Progress to Ubiquitous Optical Networks TRENDS AND APPLICATIONS IN INFORMATION SYSTEMS AND TECHNOLOGIES; VOL 1 Advances in Intelligent Systems and Computing 9th World Conference on Information Systems and Technologies (WorldCIST) ELECTR NETWORK 2194-5357 2194-5365 978-3-030-72656-0; 978-3-030-72657-7 2021 10.1007/978-3-030-72657-7_29 WOS:001300370700029

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C44.	Knowledge Management Embedded in Agile Methodology for Quality 4.0 By:Dovleac, R (Dovleac, R.) [1] ; Ionica, A (Ionica, A.) [1] ; Leba, M (Leba, M.) [2] Book Group Author: IEEE 2021 IEEE INTERNATIONAL CONFERENCE ON INDUSTRIAL ENGINEERING AND ENGINEERING MANAGEMENT (IEEE IEEM21) Book Series International Conference on Industrial Engineering and Engineering Management IEEM Page 1260-1264 DOI 10.1109/IEEM50564.2021.9673045 Published 2021
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C50.	Riurean; S; Stoicuta; O; **Monica Leba**; Ionica; A; Rocha; A Underground Channel Model for Visible Light Wireless Communication Based on Neural Networks TRENDS AND INNOVATIONS IN INFORMATION SYSTEMS AND TECHNOLOGIES; VOL 2 Advances in Intelligent Systems and Computing World Conference on Information Systems and Technologies (WorldCIST) Budva; MONTENEGRO 2194-5357 2194-5365 978-3-030-45690-0; 978-3-030-45691-7 2020 10.1007/978-3-030-45691-7_27 WOS:001300369900027
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- Selecție cu maximum 20 de lucrări în volume de conferințe

P. Brevete obţinute în întreaga activitate

Nr. crt.	Autori	Titlu	Nr.Inregistrare
E1	Yunis Nassar, Andreea Cristina Ionica, **Monica Leba**	Brevet international Israel, BURNOUT STATUS IDENTIFICATION AND ALARMING SYSTEM,	nr. 270751/18.11.2019 Israel Patent Office

Nr. crt.	Autori	Titlu	Nr.Inregistrare OSIM
E2	Marcus R, Rus C, **Leba M**	AUTOVEHICUL SMART ELECTRIC CU SISTEM DE COMUNICAȚIE LORA ȘI RECUPERAREA UNEI PĂRȚI A ENERGIEI ELECTRICE CONSUMATE ÎN VEDEREA CREȘTERII AUTONOMIEI	A 2019 00201 / 23.03.2019
E3	Ionica A, **Leba M,** Dovleac R	PROCEDEU DE PLANIFICARE BAZAT PE UN ALGORITM DE DIVIZARE OPTIMĂ A SARCINILOR DE LUCRU	A 2019 00168 / 18.03.2019
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Semnătura:

Nume Prenume: **Stoicuța Olimpiu - Costinel**
Gradul didactic: **Conf.univ.dr.habil. ing.**
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Facultatea: **Inginerie Mecanică și Electrică**
Departamentul: **Automatică, Calculatoare, Inginerie Electrică și Energetică**

L I S T A
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Data:
01.10.2025

Semnătura

DOMENIUL FUNDAMENTAL: ŞTIINŢE INGINEREŞTI
DOMENIUL DE DOCTORAT: INGINERIE INDUSTRIALĂ

Nume Prenume: **MORARU ROLAND IOSIF**
Gradul didactic: **Prof.univ.dr.habil. ing.**
Instituția unde este titular: **Universitatea din Petroșani**
Facultatea: **Mine**
Departamentul: **Management şi Inginerie Industrială**

L I S T A
lucrărilor ştiinţifice

A. Teza de doctorat/abilitare

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Q. Brevete obţinute în întreaga activitate

E1.	-

Data:
01.11.2025

Semnătura:

UNIVERSITATEA DIN PETROŞANI
Facultatea **INGINERIE MECANICĂ ŞI ELECTRICĂ**
Departamentul de **Ingineria Mecanică Industrială şi Transporturi**
Prof.univ. habil. dr. ing. PETRILEAN DAN CODRUŢ

L I S T A
lucrărilor ştiinţifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat şi teza de abilitare

A1 ***"Cercetări privind îmbunătăţirea eficienţei producerii şi utilizării energiei pneumatice în industria minieră"*****, Universitatea din Petrosani, 2005.** **A2** ***"Creșterea eficienței energetice a proceselor industriale componentă a strategiei de dezvoltare durabilă"*****, Universitatea din Petrosani, 2016.**

B.Cărţi şi capitole în cărţi publicate în ultimii 10 ani

Cărţi
B1. Lang M.D. **Petrilean D. C.,-** Valorificarea energiei termice din resurse energetice secundare parte a sistemului energetic din Valea Jiului, Editura Universitas, Petrosani, ISBN 978-973-741-994-1, 156 pag., 2024
B2. Fîță N.D., Radu S.M., **Petrilean D. C**., Marcu M.D., Uțu I., Pasculescu D., Popescu F.G. , Lazăr T. – Siguranța și securitatea sistemelor energetice industriale, Volumul I, Editura RISOPRINT Cluj Napoca, ISBN 978-606-916-168-5. 465 pag. 2024
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C.Lucrări indexate ISI/BDI publicate în ultimii 10 ani

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C2. Fîță N. D., **Petrilean D.C**, Diodiu I. L., Rada A. C., Schiopu A. M., Muresan Grecu F., Analysis of the causes of power crises and their impacts on energy security, IV International Conference on Electrical, Computer and Energy Technologies (ICECET 2024), 25-27 July 2024, Sydney-Australia, **DOI:**10.1109/ICECET61485.2024.10698524, https://ieeexplore.ieee.org/document/10698524, https://1d109cvmw-y-https-www-scopus-com.z.e-nformation.ro/pages/publications/85207457330?origin=resultslist
C3 Ghicajanu (Cașotă) Maria-Isabela, Petrilean Dan Codruț - Energy consumption and resource allocation made more efficient through artificial intelligence: AI-driven design optimization for HVAC (heating, ventilation, and air conditioning) system. https://www.upet.ro/annals/electrical/doc/2024/21%20Ghicajanu.pdf
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D. Lucrări publicate în ultimii 10 ani în reviste şi volume de conferinţe cu referenţi (neindexate)

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D1. Radu S.M., Petrilean D. C - *Resilience to Flood Situations in the Mountainous Region of North-East Romania;* The 12th International Conference "Economic Scientific Research - Theoretical, Empirical and Practical Approaches"- ESPERA 2025, Pivotal changes in the global landscape amid challenging conditions. Prospects for stronger resilience, potential disruptions and key governance policies. Romanian Academy, National Bank of Romania, Centre for Economic Information and Documentation, Springer, Bucharest, 16th – 17th October 2025
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E. Granturi, proiecte europene, contracte de cercetare încheiate cu mediul de afaceri, alte proiecte de cercetare

E1. Petrilean Dan Codruț -responsabil de temă Grant Agreement , NUMBER 101004049 —

EURECA-PRO - The European University for Responsible Consumtion and Production EURECA-PRO, 2020-2023
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Cereri de brevete de invenţie şi alte titluri de proprietate intelectuală

Nr. crt.	**Autor(i)**	**Denumire cerere de brevet**	**Cerere de brevet depusă la**
F1			

Data:
23.11.2025

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L I S T A
lucrărilor ştiinţifice

A. Teza de doctorat/abilitare

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R. Brevete obţinute în întreaga activitate

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16.12.2025

Semnătura:

DOMENIUL FUNDAMENTAL: ŞTIINŢE INGINEREŞTI
DOMENIUL DE DOCTORAT: INGINERIE ŞI MANAGEMENT

Universitatea din Petroşani
Facultatea de Mine
Departamentul de Management şi Inginerie Industrială
Prof.univ.dr.habil ing.dr.ec. Edelhauser Eduard

L I S T A
lucrărilor ştiinţifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

1⁰ Tezele de abilitare

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7⁰ Proiecte de cercetare-dezvoltare-inovare

a) obţinute prin competiţie pe bază de contract/grant în ţară / străinătate;

E1 **Edelhauser Eduard,** Director de proiect**, PN-IV-P2-2.3-PRECISI-2023-74274,** Cod depunere, pentru articolul, Responsive Dashboard as a Component of Learning Analytics System for Evaluation in Emergency Remote Teaching Situations, ***Journal Sensors 2021, Section Sensor Networks, Volume 21, Issue 23, Article number 7998,*** **PN-IV-P2-2.3-PRECISI-2023,** Program 5.2, Subprogram 5.2.3 - Premierea rezultatelor cercetarii - Articole Web of Science, Competitia 2023 Lista 1 - Cereri premiere pentru articole publicate in anul 2021_aprobate, cu incadrare in bugetul competitiei, https://uefiscdi.gov.ro/premierea-rezultatelor-cercetarii-articole-web-of-science-precisi

E2 **Edelhauser Eduard,** Director de proiect, **PN-III-P1-1.1-PRECISI-2021-53181,** Cod depunere, pentru articolul, *One Year of Online Education in COVID-19 Age, a Challenge for the Romanian Education System*, *Int. J. Environ. Res. Public Health 2021, Volume 18 Issue 15, Article number 8129,* **PN-III-P1-1.1-PRECISI-2021, Subprogram 1.1 - Resurse Umane - Premierea rezultatelor cercetarii - Articole, Competitia 2021** Rezultate evaluare Lista 1_partial 1- Cereri premiere depuse pentru articole publicate in anul 2021_actualizat 10.11.2021, Nr. 104 (1403), https://uefiscdi.gov.ro/premierea-rezultatelor-cercetarii-articole

E3 **Edelhauser Eduard,** Director de proiect, **PN-III-P1-1.1-PRECISI-2020-45230,** Cod depunere, pentru articolul, "*Is Romania Prepared for eLearning during the COVID-19 Pandemic?",* Sustainability 2020, Volume 12, Issue 13, Article number 5438, Impact factor 2,75, **PN-III-P1-1.1-PRECISI-2020, Subprogram 1.1 - Resurse Umane - Premierea rezultatelor cercetării - Articole, Competiția 2020** Rezultate evaluare Lista 1_partial 3- Cereri premiere depuse pentru articole publicate in anul 2020 (19.11.2020), Nr. 108(1309), https://uefiscdi.gov.ro/premierea-rezultatelor-cercetarii-articole

E4 **Edelhauser Eduard**, Manager de proiect (PM), *Educația, o șansă pentru Valea Jiului*! **Proiect POCU,** încheiat între Universitatea din Petroșani și OI POCU MEN, 3.12.2019-31.08.2021, derulat prin POCU, Cod proiect: 122596, Apel POCU/320/6/21, Operațiune compozită OS. 6.7, 6.9, 6.10, Apel 320 Măsuri de optimizare a ofertelor de studii din învățământul superior în sprijinul angajabilității, Punctaj 89, **Valoare 4.125.166,55 lei,** https://www.upet.ro/proiecte/122596/

E5 **Edelhauser Eduard**, Director de proiect, **CNFIS-FDI-2016-0034**, "*Soluții informatice pentru managementul modern al studenților"*, încheiat între Universitatea din Petroșani și CNFIS, **Valoare 26.000 lei**, http://www.cnfis.ro/rezultate-evaluare-fdi-2016-prima-competitie/ D3

E6 **Edelhauser Eduard**, membru în colectiv, *START- Upet: Studenți Antreprenori pentru România de Mâine, pregătiți la Universitatea din Petroșani,* încheiat între Universitatea din Petroșani și CNFIS, **CNFIS-FDI-2018-0302,** Domeniu Strategic de Finanțare D4: SAS – Societăți Antreprenoriale Studențești, Punctaj 82,00, **Valoare 65.000 lei**, http://www.cnfis.ro/wp-content/uploads/2018/04/FDI2018-Rezultate-finale-evaluare-CNFIS.pdf

E7 **Edelhauser Eduard**, membru în colectiv, *Sistem de relaționare și orientare profesională pentru studenții și absolvenții Universității din Petroșani (Alumni⁺ UPET),* încheiat între Universitatea din Petroșani și CNFIS, **CNFIS-FDI-2018-0359,** Domeniu Strategic de Finanțare D1: SAS – Echitate&Acces, Punctaj 86,33, **Valoare 122.000 lei**, http://www.cnfis.ro/wp-content/uploads/2018/04/FDI2018-Rezultate-finale-evaluare-CNFIS.pdf

E8 **Edelhauser Eduard**, membru în colectiv, *Fii antreprenor, fii activ în S.A.S. - UPET!*, încheiat între Universitatea din Petroșani și CNFIS**, CNFIS-FDI-2017-0407,** Domeniu

Strategic de Finanțare D5: SAS –Societăți Antreprenoriale Studențești, Punctaj 80,33, **Valoare 45.000 lei**, http://www.cnfis.ro/rezultate-evaluare-fdi-2017/

E9 **Edelhauser Eduard**, Manager de proiect (PM), "*Studenți ancorați în realitate",* **Proiect de tip grant cofinanțat din Fondul Social European,** încheiat între Universitatea din Petroșani și OI POSDRU CNDIPT, 01.07.2015-31.12.2015, derulat prin **Programul Operaţional Sectorial Dezvoltarea Resurselor Umane 2007 – 2013,** Axa prioritară: 2. Corelarea învăţării pe tot parcursul vieţii cu piaţa muncii, Domeniu major de intervenție 2.1. Tranziţia de la şcoală la viaţă activă, ID proiect 156053, Cererea de propuneri de proiecte 189 – Tranziţia de la şcoală la viaţă activă, **Valoare 338.484 lei,** http://www.upet.ro/proiecte/156053/

E10 **Edelhauser Eduard**, Coordonator UPET, "*Practica nu-i efemeră, e un pas în carieră!",* **Proiect de tip grant cofinanțat din Fondul Social European,** încheiat între Universitatea din Timișoara și OI POSDRU CNDIPT, 28.04.2014-27.10.2015, derulat prin **Programul Operaţional Sectorial Dezvoltarea Resurselor Umane 2007 – 2013,** Axa prioritară: 2. Corelarea învăţării pe tot parcursul vieţii cu piaţa muncii, Domeniu major de intervenție 2.1. Tranziţia de la şcoală la viaţă activă, ID proiect 141118, Cererea de propuneri de proiecte 161 – Tranziţia de la şcoală la viaţă activă, **Valoare 1.538.485,50 lei**, http://www.carierait.uvt.ro/

E11 **Edelhauser Eduard**, Manager de Proiect (PM), "*Formarea profesională alternativă utilizând soluții informatice – o soluție pentru reconversia forței de muncă din minerit"*, **Proiect strategic multiregional cofinanțat din Fondul Social European,** încheiat între Universitatea din Petroșani și AMPODRU Ministerul Muncii, Familiei si Egalitatii de Sanse, 1.10.2010-30.09.2013, derulat prin **Programul Operaţional Sectorial Dezvoltarea Resurselor Umane 2007 – 2013,** Axa prioritară: 5. Promovarea măsurilor active de ocupare, Domeniu major de intervenție 5.1. Dezvoltarea și implementarea măsurilor active de ocupare, ID proiect 59756, Cererea de propuneri de proiecte 82 – Integrare pe piața muncii, **Valoare 4.954.718,00 lei,** http://7.upet.ro

E12 **Edelhauser Eduard**, membru în colectiv – expert IT, „*Dezvoltarea resurselor umane din învățământul superior pentru utilizarea sistemului e-Learning",* **Proiect strategic cu finanțare FSE,** încheiat între Universitatea din Petroșani și AMPODRU Ministerul Muncii, Familiei si Egalitatii de Sanse, 2010-2013, derulat prin **Programul Operaţional Sectorial Dezvoltarea Resurselor Umane 2007 – 2013,** Domeniu major de intervenție 1.3.- Dezvoltarea și implementarea măsurilor active de ocupare, ID proiect 64273, Cererea de propuneri de proiecte 87, Valoare 14.634.532,36 lei

E13 **Edelhauser Eduard**, membru în echipa de management-diseminator, "*Increasing the quality of staff related to vocational guidance",* **Proiect internaţional Grundtvig,** încheiat între Universitatea din Petroșani și MECTS, GRU-10-P-LP-151-HD-TR, valoare 15000 Euro, Perioada de derulare 2010 - 2012

E14 **Edelhauser Eduard**, membru în colectiv, "*Dezvoltarea pietei muncii prin promovarea ocupatiilor neagricole în mediul rural"*, **Proiect internaţional cu finanțare POSDRU** încheiat între Universitatea de Stiinte Agronomice si Medicina Veterinara Bucuresti și AMPODRU Ministerul Muncii, Familiei si Egalitatii de Sanse, 2008-2011, POSDRU/13/5.2/S/11, Domeniu major „Promovarea sustenabilitătii pe termen lung a zonelor rurale în ceea ce priveste dezvoltarea resurselor umane si ocuparea fortei de muncă", Valoare 14.545.000 lei

b) alte lucrări de cercetare-dezvoltare , după caz.

Contracte cu terți din mediul de afaceri

E15 **Edelhauser Eduard,** Responsabil de contract**,** *Studiu privind IMM-urile din Valea Jiului din perspectiva implementării în aceste organizații a unor sisteme informatice integrate,* Contract de cercetare ştiinţifică nr. 9 / 1059 din data de 15.05.2014, încheiat între Universitatea din

Petroșani și **SC Spectrum SRL Braşov,** în valoare de 60.000,00 lei. Perioada de derulare 15.05.2014 - 31.03.2016

E16 **Edelhauser Eduard,** Responsabil de contract**,** *Studiu asupra IMM-urilor din Valea Jiului ce activează în domeniul retail-ului, în perspectiva implementării în aceste organizații a unor sisteme informatice integrate specifice,* Contract de cercetare ştiinţifică nr. 8 / 1312 din data de 15.05.2014, încheiat între Universitatea din Petroșani și **SC Radix Consult SRL Bucureşti,** în valoare de 40.000,00 lei. Perioada de derulare 15.05.2014 - 31.03.2016

E17 **Edelhauser Eduard,** Responsabil de contract**,** *Studiu privind necesitatea implementării unui sistem informatic integrat în cadrul Primăriei Municipiului Petroșani,* Contract de cercetare ştiinţifică nr. 12 / 3431 din data de 10.07.2013, încheiat între Universitatea din Petroșani și **Primăria Municipiului Petroșani,** în valoare de 3.000,00 lei. Perioada de derulare 15.07.2013 - 31.12.2013

E18 **Edelhauser Eduard,** Responsabil de contract**,** *Implementare Microsoft Office 365 la Universitatea din Petroșani,* Contract de cercetare ştiinţifică nr. 5901-8606 A din data de 15.02.2013, încheiat între Universitatea din Petroșani și **SC Lasting System SRL Timișoara,** dotare cu titlu de donație cu 3.500 de licențe Office 365, în patrimoniul Universității din Petroșani. Perioada de derulare 15.02.2013 - 15.03.2013

E19 **Edelhauser Eduard,** responsabil de temă**,** *Proiectarea de sisteme informatice pentru managementul proiectelor în activităţile miniere ale CNH* , Contract de cercetare ştiinţifică nr 1653 / 2007 încheiat între Universitatea din Petroşani şi **Compania Naţională a Huilei S.A**. din Petroşani

E20 **Edelhauser Eduard,** membru în colectiv, *Studiu privind eficientizarea activităţii CNH utilizând managementul proiectelor asistat de calculator*, Contract de cercetare ştiinţifică nr 1654 / 2007 încheiat între Universitatea din Petroşani şi **Compania Naţională a Huilei S.A**. din Petroşani

E21 **Edelhauser Eduard,** responsabil de temă, ***Proiectarea şi realizarea unor sisteme informatice*** *pentru instruirea managerilor de nivel mediu din industria constructoare de maşini*, Contract de cercetare ştiinţifică nr 1867 / 2007 încheiat între Universitatea din Petroşani şi **S.C. Upsrom S.A.** din Petroşani, în valoare de 5.500,00 RON

E22 **Edelhauser Eduard,** membru în colectiv, *Studiu privind posibilităţile de implementare ale unui sistem informatic de management al proiectelor specific industriei constructoare de maşini, în vederea optimizării activităţilor de cercetare dezvoltare*, Contract de cercetare ştiinţifică nr 1866 / 2007 încheiat între Universitatea din Petroşani şi **S.C. Upsrom S.A**. din Petroşani în valoare de 5.500,00 RON

E23 **Edelhauser Eduard,** responsabil de temă**,** *Studiu privind posibilitatea implementării unui soft pentru formarea şi selecţia personalului de specialitate în industria minieră*, Contract de cercetare ştiinţifică nr 242 / 2007 încheiat între Universitatea din Petroşani şi **S.C. Centrul de Calcul Info 98 S.A**. din Petroşani în valoare de 5.500,00 RON

E24 **Edelhauser Eduard,** responsabil de temă, *Studiu privind posibilităţile de implementare a sistemelor informatice în vederea eficientizării proceselor de producţie din industria minieră*, Contract de cercetare ştiinţifică nr 241 / 2007 încheiat între Universitatea din Petroşani şi **S.C. Centrul de Calcul Info 98 S.A**. din Petroşani în valoare de 5.000,00 RON

E25 **Edelhauser Eduard,** membru în colectiv**,** *Studiu privind eficientizarea comunicaţiilor firmei în contextul implementării sistemului de management al calităţii din cadrul S.C FLAROS S.A. Bucureşti,* Contract de cercetare ştiinţifică nr 646 / 2007 încheiat între Universitatea din Petroşani şi **S.C Flaros S.A**. din Bucureşti în valoare de 4.500,00 RON

E26 **Edelhauser Eduard,** membru în colectiv, *Curs de iniţiere în utilizarea calculatoarelor*, Contract de cercetare ştiinţifică nr 1750 / 21.11.2003 încheiat între Universitatea din Petroşani şi **Compania Naţională a Huilei S.A**. din Petroşani în valoare de 20.400,00 RON , titular de curs pentru disciplinele *Sisteme de gestiune a bazelor de date* şi *Produse program generalizabile din domeniul economic şi de personal*

E27 **Edelhauser Eduard,** membru în colectiv, *Curs de iniţiere în utilizarea calculatoarelor*, Contract de cercetare ştiinţifică nr 1212 / 01.03.2004 încheiat între Universitatea din Petroşani şi **Compania Naţională a Huilei S.A.** din Petroşani în valoare de 22.200,00 RON , titular de curs pentru disciplinele *Sisteme de gestiune a bazelor de date* şi *Produse program generalizabile din domeniul economic şi de personal*

E28 **Edelhauser Eduard,** membru în colectiv, *Curs de iniţiere în utilizarea calculatoarelor*, Contract de cercetare ştiinţifică nr 272 / 16.01.2004 încheiat între Universitatea din Petroşani şi **Compania Naţională a Huilei S.A**. din Petroşani în valoare de 22.200,00 RON , titular de curs pentru disciplinele *Sisteme de gestiune a bazelor de date* şi *Produse program generalizabile din domeniul economic şi de personal*

E29 **Edelhauser Eduard,** membru în colectiv, *Curs postuniversitar de management*, Contract de cercetare ştiinţifică nr 2481 / 4.04.2003 încheiat între Universitatea din Petroşani şi **Compania Naţională a Huilei S.A.** din Petroşani în valoare de 38.216,00 RON , titular de curs pentru disciplina *Sof-turi de modelare a deciziei manageriale*

E30 **Edelhauser Eduard,** responsabil de contract, *Examinare psihologică asistată de calculator,* Contract de cercetare ştiinţifică nr 1 / 1996, încheiat între SC Edelhauser Coşa SNC şi Sucursala Minieră Berbeşti, Vâlcea, **Regia Autonomă a Lignitului Oltenia**

E31 **Edelhauser Eduard,** membru în colectiv, *Studiu privind utilizarea legăturilor între reţelele de calculatoare prin radio,* Contract de cercetare ştiinţifică nr 2 / 1995, încheiat între Centrul de Calcul Electronic din Petroşani şi **Regia Autonomă a Huilei**

E32 **Edelhauser Eduard,** membru în colectiv, *Gestiunea forţei de muncă la nivelul RAH Romania* , Contract de cercetare ştiinţifică nr 17 / 1994, încheiat între Centrul de Calcul Electronic din Petroşani şi **Regia Autonomă a Huilei**

Data:
29.09.2025

profesor universitar dr. habil ing. dr. ec. Edelhauser Eduard Victor

Nume Prenume: IONICĂ ANDREEA CRISTINA
Gradul didactic: **Prof.univ.dr.habil. ing.**
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Departamentul: MANAGEMENT ȘI INGINERIE INDUSTRIALĂ

L I S T A
lucrărilor ştiinţifice

A. Teza de doctorat/abilitare

A1. Sistem de management al calităţii din perspectiva constructorilor şi utilizatorilor de maşini şi utilaje miniere, Universitatea din Petroşani, 186 pp., (2004) *A2. Quality Management Embeded in Innovative Systems, Universitatea Tehnică din Cluj-Napoca, (2015)*

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B2. Yunnis Nassar, **Ionica Andreea Cristina,** Burnout- evaluare din perspectiva relațională cu climatul organizațional printr-o soluție inovativă, Universitas, Petrosani, ISBN 978-973-741-892-0, 197 pag. (2023)
B3. Saad Ahmad Fuad, **Ionica Andreea Cristina**, Leba Monica, Exploring the Possibilities of Using Project Management Methodologies in the 21st Century Education, LAP Lambert Academic Publishing, ISBN 978-620-6-75526-5, 250 pag. (2023)
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C10. O. Stoicuta, S. Riurean, S. Burian, M. Leba, and **A. Ionica,** Application of Optical Communication for an Enhanced Health and Safety System in Underground Mine., Sensors Volume23, Issue2, Article Number 692 https://doi.org/10.3390/s23020692 Eissn 1424-8220 (Q1) 2023
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C12. Ionica, A.; Samuil, I.; Leba, M.; Toderas, M, The Path of Petrila Mining Area towards Future Industrial Heritage Tourism Seen through the Lenses of Past and Present. Sustainability 2020, 12, 9922. https://www.mdpi.com/2071-1050/12/23/9922 Sustainability 2020, 12(23), 9922;

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C15. Dovleac, Raluca; **Ionica, Andreea;** Leba, Monica, QFD embedded Agile approach on IT startups project management COGENT BUSINESS & MANAGEMENT Volume: 7 Issue: Article Number: 1782658 Published: JAN 1 2020 https://www.tandfonline.com/doi/full/10.1080/23311975.2020.1782658, (ESCI)
C.16.Leba, Monica; **Ionica, Andreea Cristina**; Risteiu, Marius Nicolae, A dedicated wearable device integrated in textiles, INDUSTRIA TEXTILA Volume: 71 Issue: 1 Pages: 68-72 Published: 2020, impact factor 0,504, (Q3)
C17. Caramidaru, Ibrian, **Ionica, Andreea**, and Leba, Monica, A Learning-by-doing Based Framework for Micro-knowledge Management in Project Contexts' DOI: 10.3233/HSM-201039 Citation: Human Systems Management, vol. 39, no. 4, pp. 529-536, 2020, (ESCI)
C18. Riurean, Simona Mirela; Leba, Monica; **Ionica, Andreea**, VLC embedded medical system architecture based on medical devices quality requirements QUALITY-ACCESS TO SUCCESS Volume: 20 Supplement: 1 Pages: 317-322 Published: JAN 2019, (ESCI)
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Data:
01.10.2025

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Departamentul: **Administrarea Afacerilor**

L I S T A
lucrărilor ştiinţifice

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