

Universitatea "Lucian Blaga" din Sibiu
 Facultatea de Inginerie
 Departamentul Inginerie Industrială și Management
Conf. dr. ing. Claudiu ISARIE

L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

Isarie C., *Contribuții privind prelucrarea materialelor compozite prin eroziune electrică cu electrod filiform*, Domeniul Inginerie Industrială, Universitatea "Lucian Blaga" din Sibiu, 2004, conducător științific prof.univ.dr.ing. Constantin Oprean.

B. Cărți și capitole în cărți

1. Isarie, C., *Mecanica fluidelor*, Editura Universității "Lucian Blaga" din Sibiu, Sibiu, 2015.
2. Isarie, C., *Termotehnica*, Editura Universității "Lucian Blaga" din Sibiu, Sibiu, 2012.
3. Isarie Claudiu, Ciudin Rodica, Dumitrascu Oana *Ghid privind colectarea selectivă a deșeurilor* Casa de Presa și Editura Tribuna, ISBN 978-973-7749-43-7, Sibiu, 2011;

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

1. V. Petrescu, R. Ciudin (U. Trento Italia), C. Isarie, L. I. Cioca, B. Trif, V. Nederita, - *The impact of traffic related pollution on air quality in Sibiu region*, Environmental Engineering and Management Journal, Vol. 14, nr. 11, ISSN 1582-9596, pg. 2637-2642, 2015;
2. Gloria Trombin, Marco Ragazzi, Claudiu Isarie, Rodica Ciudin and Vincenzo Torretta - *Environmental assessment of the Sibiu County, Romania: proposal for sewage sludge and OFMSW management*, 8th International Conference on Manufacturing Science and Education – MSE 2017 "Trends in New Industrial Revolution" MATEC Web Conf., Volume 121, 2017, Article Number 10006, DOI <https://doi.org/10.1051/mateconf/201712110006>, 2017,

D. Lucrări publicate în ultimii 10 ani în reviste și volume de conferințe cu referenți (neindexate)

- Reviste

1. Petrescu, V., Ciudin R., Isarie, C., Nedeiță V. - *Environmental Engineering Education - Waste Management Romania*, World Transactions on Engineering and Technology Education, Published by World Institute for Engineering and Technology Education (WIETE), ISSN 1446-2257, Vol. 8 Nr. 1, 2010, pg. 107-110;
2. Petrescu, B. Shrestha, R. Ciudin, C. Isarie, V. Nederita - *Fostering International Student Exchange Programmes: A Case Study Of Water Decontamination In Nepal*, World Transactions on Engineering

- and Technology Education, Vol.10, No.1, 2012 Published By World Institute For Engineering And Technology Education (WIETE), ABN: 50 135 362 319, 2012, pg. 82-85;
3. Nederita V., Ciudin R., Isarie C., Titu M., Petrescu V. *Flash lamps used for surface treatments - case study*, Nonconventional Technologies Review, vol XVII, nr. 3, 2013, p.50-52 ;

- Selecție cu maximum 20 lucrări în volume de conferințe

1. Petrescu V, Ciudin R, Isarie C, Nederita V And Nemes T- *The Challenges For Entrepreneurship Of Environmental Engineering Education In Romania*, 3rd INTERNATIONAL CONFERENCE on INNOVATION & ENTREPRENEURSHIP and the 3rd INTERNATIONAL CONFERENCE on ENGINEERING & BUSINESS EDUCATION, Manila, Filipine, 2010;
2. Dumitrașcu, D., Isarie, C., Ciudin, R., Petrescu, V., Novac, C.- *Bridging the gap between theory and practice*, 4th International Conference on Engineering and Business Education and SAFR's Journey to Excellence Conference, Cape Town, South Africa, nov.2011;
3. Petrescu, V., Ciudin, R., Isarie, C., Dumitrașcu, D., Nedeiță, V.- *The gap between universities and business – Causes and effects – Environmental Engineering Education in Romania*, 4th International Conference on Engineering and Business Education and SAFR's Journey to Excellence Conference, Cape Town, South Africa, nov.2011;
4. Nederita V., Ciudin R., Petrescu V., Isarie C.- *First postdoctoral school in Romania: a case study of innovation and best practice in engineering and technology education*, Proceedings of the 4th WIETE Annual Conference on Engineering and Technology Education, Ed. Z.J. Pudlowski, p. 27-31, ISBN 978-0-9807664-5-5, Cairns, Australia, 2013;
5. V.Petrescu, R. Ciudin (U. Trento, Italia), C. Isarie, L.I. Cioca, V. Nederita, - *Traffic noise pollution in a historical city center -case study project within environmental engineering field of study*, 3rd International Engineering and Technology Education Conference (IETEC'15), ISSN: 1843-6730, pg. 304-311, 2015;

E. Brevete obținute în întreaga activitate

1. Constantin Oprean, Aurel Mihail Titu, Ion Marginean, Claudiu Isarie si Alexandru-Marcel Moldovan, *Celula fotovoltaica reversibila cu halogen*, Brevet de Inventie nr. 127241, 2017.

F. Proiecte:

1. 2019 - Contract cu terții - prestari servicii cercetare nr. 1705 / 29.03.2019 Titlu: Cercetări privind creșterea performanței procesului de brazare realizat de beneficiar, prin introducerea unui sistem automatizat de dozare a gazelor, denumit Ideal Brazing.
2. 2015 - 2018 "Calea Verde spre Dezvoltare Durabila", parteneri APM Sibiu, ULBS si Asociatia Municipalitatilor din Norvegia (KS); Grant SEE
3. 2008 - 2010 Proiectul "Partnership for a Clean Environment in Region 7 Center" parteneri ARPM Sibiu, ULBS si Asociatia Municipalitatilor din Norvegia (KS); Grant Fonduri Norvegiene

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Semnătura: