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## LISTA lucrărilor științifice

### A – Teza de doctorat

*“Contribuții privind optimizarea termoenergetică a clădirilor noi și existente”*

Conducător științific: Prof. dr .ing. Horia-A. Andreica

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### B – Cărți și capitole în cărți

#### 1. CĂRȚI

##### Editură Națională:

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3. **Moga Ligia**, Moga Ioan *Punți termice specifice clădirilor cu pereți structurali din zidărie*, Ed. U.T. Press, Cluj-Napoca, 2013, pp. 138 , ISBN 978-973-662-799-6.
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## C – Lucrări indexate ISI/BDI publicate

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## D – Lucrări publicate în reviste și volume de conferințe (neindexate)

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## E – Proiecte/Contracte de cercetare și alte tipuri

### **Cercetare:**

1. **Director de proiect PED**, 714PED/2022, Optimizarea și validarea unui software specializat pentru calculul performanței termice a elementelor anvelopei clădirii, dezvoltat pe baza utilizării metodei termografierii aeriene și terestre (Acronim: THERMOG) , perioada 2022-prezent, valoare proiect 598.732,00 lei.
2. **Director de proiect TD**, cod CNCSIS 507, tema „Methodology, Numeric Method and Automation Calculus Program- Vitraj- for Defining the Thermal Performance of Windows, Doors and Solar Protection Elements” , perioada 2007-2008, valoare proiect 35.000 lei.
3. **Director Bursă cercetare tip BD**, cod CNCSIS 56, tema „Contribuții privind optimizarea termoenergetică a clădirilor noi și existente, perioada 2006-2008, valoare proiect 35.000 lei.
4. **Director Bursă Postdoctorală PARTING**, POSDRU/159/1.5/S/137516, „Sisteme de concepere și proiectare a clădirilor de locuit noi cu consum redus de energie în exploatare”, din cadrul proiectului Parteneriat interuniversitar pentru excelență în inginerie Beneficiar: Universitatea Tehnică din Cluj-Napoca, pe o perioadă de 18 luni, 2014-2015.
5. **Membră - cercetător** în cadrul proiectului PN-III-P1-1.2-PCCDI-20170391, „Clădiri inteligente adaptabile la efectele schimbărilor climatice”, CIA\_CLIM Nr. 30PCCDI/2018, coordonator partener Conf.dr.ing. Teodosescu Petre Dorel, perioada 2018-2021, valoare proiect 628.420,00 lei.
6. **Responsabilă UTCN proiect P3**. Smart and Sustainable Buildings și **membră** în proiectul NetZeRoCities - National Competence Centre and solutions for the development of Climate Neutral and Smart Cities, PNRR, 760007/30.12.2022, responsabil partener: Prof.dr.ing. Pop Ovidiu, perioada: 2023- prezent.
7. **Membră** în proiectul “Horizon 2020 / 649773 - MEnS – Meeting of Energy professional Skills”. Proiect finanțat de Uniunea Europeană, Coordonator partener Prof.dr.ing. Micu Dan, perioada: 2015-2017, valoare proiect 245.709,20 lei.
8. **Membră** în proiectul grant tip PNII, Pachetul 4, „Parteneriate în domenii prioritare 2007-2013”, cod 22120/2008, „Sisteme de soluții integrate pentru reabilitarea clădirilor/cartierelor de locuit”, Responsabil Partener Prof.dr.ing. Moga Ioan, perioada: 2008-2010, valoare proiect partener UTCN 30.000 lei.
9. **Membră** în colectivul contractului național nr.434/22.12.2009 „Catalog de punți termice la clădiri”, Responsabil Partener Prof.dr.ing. Moga Ioan, perioada: 2009-2011, valoare proiect partener UTCN 28.560 lei.





10. **Membră** în cadrul colectivului proiectului intern UTCN: Energy-efficient lighting technologies for a GreenLight University, Director proiect S.l.dr.ing. Ciugudean Călin Nicolae, perioada: 2014-2015, valoare proiect 30.000 lei.
11. **Membră** în echipa contractelor 115/101/28.03.2017 și 116/102 din 28.03.2017 de revizuire și elaborare a: Metodologia de calcul a performanței energetice a clădirilor. Caracteristici termotehnice ale anvelopei clădirilor. Responsabil capitol 2.7. Prevederi specifice pentru anvelopa clădirilor al căror consum de energie este aproape egal cu zero (nZEB), Contract cu UTCB. Beneficiar MDRAPFE, Coordonator partener: Conf.dr.ing. Vitan Eugen, perioada: 2017 – 2020.
12. **Membră** în echipa contractului cu nr.160/2006 de elaborare a: Metodologia de calcul a performanței energetice a clădirilor. Caracteristici termotehnice ale anvelopei clădirilor. Contract 160/2006 cu UTCB. Beneficiar MCTC Buc, Responsabil Partener Prof.dr.ing. Moga Ioan, perioada: 2006– 2007.
13. **Membră și Responsabil colectiv** Fac. de Constructii pentru prelevarea și analiza energetică a datelor pt clădirile aferente a 87 de adrese din Cluj-Napoca în contractul cu nr.187/2006 „Elaborarea Expertizei Energetice, Auditului Energetic Inclusiv Elaborarea Certificatului Energetic, Programul de Actiuni pe Anul 2006 pentru Reabilitarea Termica a 87 Blocuri de Locuinte-Condoinii, instituția care a finanțat proiectul: Primăria municipiului Cluj-Napoca și Guvernul României, Director contract Prof.dr.ing. Moga Ioan, perioada: 2006-2007, valoare contract 550.000 eur.
14. **Membră** în contractul nr.104/2007 „Studii și cercetări privind expertizarea și elaborarea certificatului energetic pentru clădirea sediului primăriei din municipiul Oradea, Nume program: Reabilitarea termică a clădirilor susținut de Guvernul României, Director contract Prof.dr.ing. Moga Ioan, perioada: 2007, valoare contract 10.000 eur.
15. **Membră** în contractul de cercetare cu nr.54/17.04.2007, „ Hirsch-Porozell Studiu termotehnic privind promovarea panourilor termoizolate din polistiren expandat Hirsch-Porozell”, Director contract Prof.dr.ing. Moga Ioan, perioada: 2007, valoare contract 15.000 eur.
16. **Membră - cercetător** în cadrul proiectului Erasmus+, „TRANStoWORK – Work based Learning in Architecture, Engineering and Construction (AEC) Industry: the transition of young people to Work”, Project No.2017-1IT01-KA, coordonator Camera de Comerț și Industrie Cluj, perioadă: 2018-2019.

**POSDRU:**

17. **Membră** în calitate de Expert tehnic în cadrul colectivului proiectului instituțional „În Feleac se construiește practica UTCN-ește”, Director proiect Conf.dr.ing. Livia Anastasiu, perioada: 2015.

**Instituționale:**

18. **Membră - cercetător** în cadrul proiectului Erasmus+ 585700-EPP-1-2017-1-BE-EPPKA2-CBHE-SP, „Structuration et Accompagnement de L'Entrepreneuriat Etudiant au Maghreb / SALEEM, Coordonator partener Prof.dr.ing. Vasile Soporan, perioada: 2018- 2021, valoare proiect 23 692,00 €.



19. **Membră** în proiectul POSDRU “DidaTec – Implementarea eficienta a tehnologiilor si instrumentelor educationale moderne in invatamantul superior tehnic”, Director proiect Prof.dr.ing. Aurel Vlaicu, perioada derulare 2010-2013.
20. **Membră** în calitate de Expert învățământ Proiect EUT+ - “Universitatea Europeană de Tehnologie” EAC-A02-2019 / EAC-A02-2019-1, Coordonator partener Prof.dr.ing. Câmpian Cristina, perioada: 2021- prezent (2023).
21. **Membră** în cadrul proiectului „Învățământ de excelență prin utilizarea integrată a tehnologiilor educaționale și tranziția către campusul virtual” CNFIS-FDI-2020-0064, Director proiect Conf.dr.ing. Bogdan Orza, perioada: 2020, valoare proiect 370.000 lei.
22. **Membră** cu poziția expert în învățământ în cadrul proiectului “Internaționalizarea – factor de transformare sistemică a Universității Tehnice din Cluj-Napoca” CNFIS-FDI-2021-0193, Director proiect Prof.dr.ing. Silviu Dan Mândru, perioada::2021, valoare proiect 360.000 lei.
23. **Membră** cu poziția expert în învățământ în cadrul proiectului “ International@UTCN-dezvoltarea dimensiunii internaționale a Universității Tehnice din Cluj-Napoca” CNFIS-FDI-2022-0339, Director proiect Prof.dr.ing. Silviu Dan Mândru, perioada:: mai-decembrie 2022, valoare proiect 368.000 lei.
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**Data:**

11.07.23

**Semnătura:**

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## LISTA

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