



Ana-Maria Roman

Address: Str Prof Doc Dimitrie Mangeron no. 41, 700050, Iasi, Romania

Email address: ana-maria.roman@academic.tuiasi.ro

Phone number: (+40) 00000000000000

Gender: Female **Date of birth:** 28/03/1986 **Nationality:** Romanian

WORK EXPERIENCE

[01/10/2020 – Current] **University teaching assistant**

Gheorghe Asachi Technical University of Iasi, Faculty of Materials Science and Engineering

City: Iasi

Country: Romania

Main activities and responsibilities:

- teaching seminar and laboratory classes
- assist the professor, lecturer or teacher of the specific course i am in charge of in the preparation of lectures and of exams, grading papers and exams and leading review and feedback sessions for the students.

[21/05/2019 – 30/09/2020] **mechanical engineer**

SC CLR Hydraulics SRL

Address: Iasi, Romania

City: Iasi

Country: Romania

Main activities and responsibilities:

- preparation of technical documentation
- maintaining correspondence with collaborators
- participation in public auctions

EDUCATION AND TRAINING

[01/10/2020 – Current] **Ph.D. student**

Faculty of Materials Science and Engineering, Gheorghe Asachi Technical University of Iasi

Address: Iasi, Romania

[10/2018 – 07/2020] **Master's degree Industrial Systems for Modern Technologies**

Faculty of Materials Science and Engineering, Gheorghe Asachi Technical University of Iasi

Address: Iasi, Romania

[01/10/2014 – 07/2018] **Materials science engineer**

Faculty of Materials Science and Engineering, Gheorghe Asachi Technical University of Iasi

Address: Iasi, Romania

[2001 – 2005] **Public catering technician**

Virgil Madgearu Iasi School Group

Address: Iasi, Romania

LANGUAGE SKILLS

Mother tongue(s): Romanian

Other language(s):

French

LISTENING B2 READING B2 WRITING B1

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

engleza

LISTENING B2 READING B2 WRITING B1

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

DIGITAL SKILLS

Internet Explorer Edge Mozilla Google Chrome | Android | Zoom | Google Drive | Google (Google Meet, Google Docs, Google Classroom, Google Forms, etc.) | Microsoft Office | SICAP/SEAP | CAD (Solidworks, Catia V5) | optical microscope | Web Site Design

PUBLICATIONS

[2022] **In-Vitro Analysis of FeMn-Si Smart Biodegradable Alloy**

<https://doi.org/10.3390/ma15020568>

By Ana Maria Roman, Victor Geanta, Ramona Cimpoesu, Corneliu Munteanu, Nicoleta Monica Lohan,

Georgeta Zegan, Eduard Radu Cernei, Iulian Ionita, Nicanor Cimpoesu, Nicoleta Ioanid

Materials **2022**, 15(2), 568;

[2021]

New Zn₃Mg-xY Alloys: Characteristics, Microstructural Evolution and Corrosion Behavior

<https://doi.org/10.3390/ma14102505>

By Catalin Panaghie, Ramona Cimpoesu, Bogdan Istrate, Nicanor Cimpoesu, Mihai-Adrian Bernevig, Georgeta Zegan, Ana-Maria Roman, Romeu Chelariu, Alina Sodor

Materials **2021**, 14(10), 2505;

[2021]

Chemical and structural analyze of experimental biodegradable ZnMgY alloy

By C Panaghie, R Cimpoesu, A Alexandru, M Bernevig, V Manole, A M

Roman, B A Prisacariu, P Paraschiv and N Cimpoesu

IOP Conference Series: Materials Science and Engineering, 1037 (2021) 012034

[2020] **Activation of CuAlNi SMAs Using Solar Energy**

By Cristian Ion Tudora, Nicanor Cimpoesu, Sergiu Stanciu, Daniel Constantin Anghel, Gabriela Adriana Plaiasu, Margareta Coteata, Ana-Maria Roman, Ramona Cimpoesu, Marioara Abrudeanu

MATERIALS INTERNATIONAL, Volume 2, Issue 3, Pages 0297-0302

[2020] **Analyze of the Corrosion Rate of Iron-Based Biodegradable Metals**

By Ana-Maria ROMAN (presenter), Ramona CIMPOESU, Iulian IONITA, Vasile MANOLE, Bogdan ISTATRE, Nicanor CIMPOESU.

NACE International, EUROPEAN CORROSION MANAGEMENT VIRTUAL CONFERENCE, 17-18 Nov 2020

[2018] **General View of Biodegradable Zinc Alloys**

BY

CĂTĂLIN PANAGHIE, ANA-MARIA ROMAN, MIRELA TUFESCU, MIRICĂ DUMITRU, HARALAMBIE CORNELIU SLABU, GHEORGHE BĂDĂRĂU and NICANOR CIMPOEȘU

BULLETIN OF THE POLYTECHNIC INSTITUTE OF IAȘI, PUBLISHED BY

“GHEORGHE ASACHI” TECHNICAL UNIVERSITY OF IAȘI

Volume 64 (68), Number 1-4 2018, page 27, Section MATERIALS SCIENCE AND ENGINEERING

[2018]

Short Description Over The Corrosion Rate on Iron-based Biodegradable Metals

BY

ANA-MARIA ROMAN, CARMEN NEJNERU, RAMONA CIMPOEȘU, VASILE MANOLE, PETRONELA PARASCHIV, MIHAELA ANTONOVICI, ADRIAN ALEXANDRU and NICANOR CIMPOEȘU

BULLETIN OF THE POLYTECHNIC INSTITUTE OF IAȘI, PUBLISHED BY

“GHEORGHE ASACHI” TECHNICAL UNIVERSITY OF IAȘI

Volume 64 (68), Number 1-4 2018, page 37, Section MATERIALS SCIENCE AND ENGINEERING

HONOURS AND AWARDS

[2018]

Diploma for participation in the sustainability activity of the simulated enterprise

Awarding institution: S.C.Technosteel LBR S.R.L.

organized within the project "Internships - guaranteeing career success" POSDRU / 161 / 2.1 / G / 140692, S.C. TECHNOSTEEL-LBR S.R.L.

Member of Romanian Electron Microscopy Society (SMER)

Member of Electron Microscopy and Chemical Analysis Laboratory (ESIM) A

warding institution: Faculty of Materials Science and Engineering, Gheorghe Asachi Technical University of Iasi

PROJECTS

GI/P 17 IDEI /2021 - Project ideas

Member

GI/P2/2021 - Publications

Member