

## **1. Articole științifice, publicate în reviste de specialitate recunoscute la nivel național și internațional;**

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- iv. Maria-Cristina Micu, Elena Badea, Marian Crudu, Claudiu Șendrea, Cristina Carșote, Simona Maria Păunescu, Iulia Maria Caniola, Interaction of collagen with natural compounds and nanoparticles in leather making process.
- v. Lucreția Miu, Simona-Maria Păunescu, Maria-Cristina Micu, Iulia-Maria Caniola, Madalina Ignat, Claudiu Șendrea, Elena Badea, Chemical and physico-mechanical characterizations of leather for restoration.
- vi. Lucreția Miu, Mariana Giurginca, Iulia-Maria Caniola, Maria-Cristina Micu (Lupaș), Simona-Maria Păunescu, Claudiu Șendrea, Elena Badea, Chromatic assessment of newly manufactured leather and parchment for museum purposes.
- vii. Lucreția Miu, Rodica Roxana Constantinescu, Alpaslan Durmuş Kaya, Emanuel Hadimbu, Claudiu Șendrea, Maria-Cristina Lupaș, Simona Maria Păunescu, Iulia Maria Caniola, Elena Badea, Aspects regarding the effectiveness of volatile oils of the Tanacetum vulgare kind in the conservation of heritage objects.

viii. Madalina Ignat, Lucretia Miu, Emanuel Hadimbu, Claudiu Șendrea, Maria-Cristina Micu, Simona Maria Păunescu, Iulia Maria Caniola, Elena Badea, The influence of TiO<sub>2</sub> and N-TiO<sub>2</sub> nanopowders in natural leather finishing for heritage or modern binding.

## **5. Proiecte de cercetare pe bază de contract/grant obținute prin competiție**

### **5.1. Proiecte de cercetare pe bază de contract/grant obținute prin competiție internațională**

2021-2023 - Eureka Network project: Biodegradable and antimicrobial retanning agent and coating for ecological and safe leather (BioSafe Leather). PN-III-P3-3.5-EUK-2019-023/15.03.2020.

2018-2020 – Eranet Cofund Manunet III project: Innovative materials and technologies for sustainable leather manufacturing for automotive (InSuLa, contract 37/2018).

2017 – 2019 - Eureka Network project: Sustainable low-temperature plasma technologies for cleaning historical & archaeological artefacts from natural polymers (SUSPLART E!9975/2017).

### **5.2. Proiecte de cercetare pe bază de contract/grant obținute prin competiție națională**

2018 - Innovation Checks project: Natural Leather for Contemporary Design (Leather CoDe, PN-III-P2-2.1-CI-2018-1028, contract no 176CI/2018).

2017-2018 - Romanian Applied Research Programme PNCDI III, Demonstrative Projects: Innovative methods for the preservation of collagen-based artworks (KOLLART, PN-III-P2-2.1-PED-2016-1491).

2016-2019 - Research in Strategic Domains (space, nuclear) Programme (CEA-RO): Nuclear techniques for the conservation of wooden heritage objects (NUTECO, Contract no. C5-11/2016.)

Proiect PED nr. 75/2017 cu tema ”Materiale anodice evaluate pentru îmbunătățirea performanței și durabilității SOFC (ExpAND)”

Grant de mobilitate pentru cercetători PNIII MC nr. 288/2019

”Sistem fotocatalitic integrat pentru decontaminarea apei și producerea de electricitate”  
PN-III-P2-2.1-PED-2016-0473

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