

Lista de lucrări

Numele și prenumele: Sef lucrari dr.ing. Andrei Victor SANDU

A. Teza de doctorat.

Obținerea și caracterizare de noi straturi fosfatate pe suport de fier cu proprietati anticorozive și lubrifiante (Obtaining and characterization of new phosphated layers on iron support with anticorrosive and lubricant properties) – Universitatea Tehnica Gheorghe Asachi din Iasi, 2012

B. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în străinătate.

Capitol carte

1. I. Sandu, M. Canache, A.-V. Sandu, V. Vasilache, I.G. Sandu, *Use of Saline Aerosol Devices in School Gymnasiums: a Romanian Experiment, Salt Effect. Second Arheoinvest Symposium: From the Ethnoarchaeology to the Anthropology of Salt* (20–21 April 2012, ‘Al. I. Cuza’ University, Iași, Romania) (Editors: M. Alexianu, R.G. Curca and V. Cotiuga), Ed. Archaeopress Publishers of the British Archaeological Reports, Gordon House, 276 Banbury Road Oxford , England (ISBN 978 1 4073 1422 8) 2015, pp. 275-278;

C. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în țară, la edituri recunoscute CNCSIS.

1. **A.V. SANDU**, C. BEJINARIU, **Tehnologii moderne de fosfatare. Studii și aplicații** (Modern Phosphatation Technologies. Studies and Applications), Ed. Politehniun 2013, 130p. (ISBN 978-973-621-404-2)
2. I. SANDU, M. CANACHE, **A.V. SANDU**, V. VASILACHE, **Aerosolii și dezvoltarea copiilor** (Aerosols and Children’s Development), Ed. Univ.Al.I.Cuza Iasi, 2015, 200p. (ISBN 978-606-714-099-6)
3. **A.V. SANDU**, N.M. NOOR, **Introducere în Ingineria Mediului**, Ed. Pim, Iași, 2015, 168p. (ISBN 978-606-13-2752-2)
4. I. SANDU, C.M. STIRBU, **A.V. SANDU**, C.I. STIRBU, **Aerosolii salini în îmbunătățirea performanțelor sportivilor**, (Salt aerosols in the enhancement of sportsmen performances), Ed. Univ.Al.I.Cuza Iasi, 2015, 238p. (ISBN 978-606-714-179-5)

D. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate pe plan local.

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E. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate pe web.

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F. Lucrări științifice publicate în reviste cotate ISI sau indexate în baze de date internaționale.

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2. S. STOLERIU, S. ANDRIAN, I.NICA, A.V. SANDU, G. PANCU, G. IOVAN, A. MURARIU, *Evaluation of Adhesive Capacity of Universal Bonding Agents Used in Direct Composite Resins Repair*, **MATERIALE PLASTICE**, **54**, 3, 2017, p. 543-545.
3. Y.M. DAUD, K. HUSSIN, A.F. OSMAN, C.M.R. GHAZALI, M.M.A.B. ABDULLAH, A.V. SANDU, *Dynamic Mechanical Properties of Hybrid Layered Silicates/Kaolin Geopolymer Filler in Epoxy Composites*, **MATERIALE PLASTICE**, **54**, 3, 2017, p. 543-545.
4. M. NABIALEK, K. BLOCH, M. SZOTA, A.V. SANDU, *Structure and Magnetic Properties of Composite Toroids Powder Casted*, **MATERIALE PLASTICE**, **54**, 3, 2017, p. 491-494.
5. A. BENLAMOUDI, A.A. KADIR, M.A. TITU, M.M.A.B. ABDULLAH, A.V. SANDU, *Treatment of Lead Contaminated Soil using Solidification/Stabilization Method Incorporated with Sugarcane Bagasse*, **REVISTA DE CHIMIE**, 68, 8, 2017, p. 1908-1913.
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11. N.A. MOHD MORTAR, K. HUSSIN, R. ABDUL RAZAK, M.M.A.B. ABDULLAH, A.H. HILMI, A.V. SANDU, *Properties and Behavior of Geopolymer Concrete Subjected to Explosive Air Blast Loading: A Review*, **MATEC Web of Conferences**, vol **97**, 2017, Article Number: UNSP 01019 (ENGINEERING TECHNOLOGY INTERNATIONAL CONFERENCE 2016 (ETIC 2016) Ho Chi Minh, Vietnam).
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37. P.GRIEROSU, **I.SANDU**, D.COVATARIU, I.G. SANDU, D. GRIEROSU, **A.V. SANDU**, G. GRIEROSU, I.C.A. SANDU, *Fungicidal and insecticidal fireproof product for wood and process for applying the same*, **Brevet RO 120975/30.10.2006**;
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K. Contracte de cercetare.

1. Cross-Border Cooperation Project, Romania-Ukraine-Republic of Moldova, Cod MIS ETC 2302, "It's Science time" – **manager științific**
2. Proiect POSDRU/86/1.2/S/62307, 2011-2013 – **expert lungă durată**
3. Proiect Leonardo da Vinci (2007-2009) LLP-LDV-TOI-2007-IT-166 – **cercetator**
4. Parteneriate în domenii prioritare, PNCDI II, TMSF 71-086/18.09.2007 – **cercetator**
5. Proiect Phare CBC, Aplicatia nr. RO2006/018-447.01.01.17 – **Manager centru**

L. Premii, distincții.

55 medalii de aur, 35 de argint și 13 de bronz la saloanele mondiale de inventii.
 Meritul Inventiv în Grad de Cavalier, Brussels – Belgium (2004);
 Meritul Reflexiv, Sevastopol, Ucraina, 2008
 Ordinul A. Popov, Sevastopol, Ucraina, 2010.
 Medalia și Premiul Universității Tehnice din Republica Moldova, 2012

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M. Alte realizări semnificative.

Editor Proceedings:

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Reprezentare internațională – Delegat oficial pentru România:

British Invention Society – British Invention Show, Londra, UK.

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NEW TIME – Sevastopol, Ucraina
ARCHIMEDES – Moscova, F. Rusă
INPEX – Pittsburgh, USA
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i-ENVEX – Perlis, Malaysia

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