

## LIST OF PUBLICATIONS

### **A. Book and Courses (12)**

1. **A.V. SANDU**, N.M. NOOR, **Introducere în Ingineria Mediului (Introduction in Environmental Engineering)**, Ed. Pim, Iași, 2015, 168p. (ISBN 978-606-13-2752-2)
2. 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)
3. I. SANDU, M. CANACHE, **A.V. SANDU**, V. VASILACHE, **Aerosolii si dezvoltarea copiilor** (Aerosols and Children’s Development), Ed. Univ.Al.I. Cuza Iasi, 2015, 200p. (ISBN 978-606-714-099-6)
4. **A.V. SANDU**, C. BEJINARIU, **Tehnologii moderne de fosfatate. Studii și aplicații**, Ed. Politehnicum 2013, 130p. (ISBN 978-973-621-404-2)
5. I. SANDU, M.A. CRETU, I.G. SANDU, V. VASILACHE, **A.V. SANDU**, G. MARUSIC, **Implicarea ceramicilor in potabilizarea apelor de suprafata si subterane**, Ed. Universității Alexandru Ioan Cuza Iași (ISBN 978-606-714-451-2), 2018, 250p.
6. **A.V. SANDU**, **Managementul de Mediu în Ingineria Materialelor, I. Teorie și aplicații pentru studenți**, Ed. Pim, (ISBN 978-606-13-4328-7), 2018, 164 p.
7. **A.V. SANDU**, C. BEJINARIU, I.G. SANDU, M.M.A.B. ABDULLAH, **Modern Technologies of Thin Films Deposition. Chemical Phosphatation**, Material Research Forum, USA (ISBN 978-1-945291-90-6), 2018, 149 p.
8. **A.V. SANDU**, I. SANDU, **Ecologie si management de mediu**. Curs, Ed. PIM, Iași, (ISBN 978-606-13-4582-3) 2018, 258p.
9. D.P. BURDUHOS-NERGIS, C. BEJINARIU, **A.V. SANDU**, **Phosphate Coatings Suitable for Personal Protective Equipment**, Material Research Forum, USA (ISBN 978-1-64490-110-6), 2021, 179 p.
10. V.V. SAVINKIN, O.V. IVANOVA, **A.V. SANDU**, S.N. KOLISNICHENKO, **Ensuring the Durability of Oil-Producing Pumps Through the Use of Laser Spraying Technology**, Material Research Forum, USA (ISBN 978-1-64490-235-6), 2023, 126 p.
11. T.Y. RATUSHNAYA, V.V. SAVINKIN, **A.V. SANDU**, P. VIZUREANU, **Technologies for Plasma Renovation of the Phase Structure of Substandard Turbine blades of CHP**, Material Research Forum, USA (ISBN 978-1-64490-264-6), 2023, 90 p.
12. Z.Z. ZHUMEKENOVA, V.V. SAVINKIN, A.V. SANDU, P. VIZUREANU, **Laser Cladding for Restoring and Increasing the Durability of Railway Wheels**, Material Research Forum, USA (ISBN 978-1-64490-290-5), 2024, 110 p.

**B. Chapter of Books (12)**

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 9781407314228) 2015, pp. 275-278;
2. V. GEANTA, I. VOICULESCU, P. VIZUREANU, **A.V. SANDU**, *High Entropy Alloys for Medical Applications, High Entropy Alloys, 2019* (DOI: 10.5772/intechopen.89318).
3. P. VIZUREANU, M.S. BALTATU, **A.V. SANDU**, *Development of New Advanced Ti-Mo Alloys for Medical Applications, Biomaterials, 2020* (DOI: 10.5772/intechopen.91906).
4. P. VIZUREANU, D.D. BURDUHOS NERGIS, **A.V. SANDU**, D.P. BURDUHOS NERGIS, M.S. BALTATU, *The Physical and Mechanical Characteristics of Geopolymers Using Mine Tailings as Precursors, Advances in Geopolymer-Zeolite Composites - Synthesis and Characterization, 2021* (DOI 10.5772/intechopen.97807)
5. P. VIZUREANU, M.S. BĂLȚATU, **A.V. SANDU**, D.C. ACHITEI, D.D. BURDUHOS NERGIS, M.C. PERJU, *New Trends in Bioactive Glasses for Bone Tissue: A Review, Current Concepts in Dental Implantology - From Science to Clinical Research, 2021* (DOI: 10.5772/intechopen.100567)
6. P. VIZUREANU, M.S. BALTATU, **A.V. SANDU**, D.C. ACHITEI, D.D. BURDUHOS-NERGIS, M.C. PERJU, *Assessment of Solar Energy Potential Limits within Solids on Heating-Melting Interval, Latest Research on Energy Recovery, Intech Open 2022*, (DOI: 10.5772/intechopen.104847)
7. D.D. BURDUHOS-NERGIS, P. VIZUREANU, **A.V. SANDU**, R.A. RAZAK, R. AHMAD, *Bibliometric analysis of research trends in Geopolymers*, in **Geopolymers: Properties and Applications** (P. Vizureanu, M.M.A.B. Abdullah, R.A. Razak, D.D. Burduhos-Nergis, L. Yun-Ming, A.V. Sandu ed.) CRC Press, Taylor & Francis Group, **2023**, p. 1-17.
8. **A.V. SANDU**, D.D. BURDUHOS-NERGIS, P. VIZUREANU, M.M.A.B. ABDULLAH, L. JAMALUDIN, *Geopolymers overview*, in **Geopolymers: Properties and Applications** (P. Vizureanu, M.M.A.B. Abdullah, R.A. Razak, D.D. Burduhos-Nergis, L. Yun-Ming, A.V. Sandu ed.) CRC Press, Taylor & Francis Group, **2023**, p. 18-41.
9. R.A. RAZAK, A. ABDULLAH, M.M.A.B. ABDULLAH, P. VIZUREANU, E. ARIFI, **A.V. SANDU**, *Geopolymer Lightweight Agregate*, in **Geopolymers: Properties and Applications** (P. Vizureanu, M.M.A.B. Abdullah, R.A. Razak, D.D. Burduhos-Nergis, L. Yun-Ming, A.V. Sandu ed.) CRC Press, Taylor & Francis Group, **2023**, p. 52-61.
10. R. AHMAD, M.M.A.B. ABDULLAH, W.M. WAN IBRAHIM, **A.V. SANDU**, *Lightweight Geopolymer-based ceramics*, in **Geopolymers: Properties and Applications** (P. Vizureanu, M.M.A.B. Abdullah, R.A. Razak, D.D. Burduhos-Nergis, L. Yun-Ming, A.V. Sandu ed.) CRC Press, Taylor & Francis Group, **2023**, p. 62-72.
11. M. BALAN, V. VIȘANU, N. ȚISLINSCAIA, L. IVANOV, T. BALAN, M. MELENCIUC, V. POPESCU, I. GÎDEI, **A.V. SANDU**, N. NETREBA, O. BOESTEAN, D. ȚURCANU, Chapter 4. Modelarea Matematică Și Optimizarea Proceselor de Deshidratare a Produselor Vegetal, in: Ameliorarea calității și siguranței alimentelor prin biotehnologie și inginerie alimentară. Chișinău: Tehnica-UTM, **2023**. ISBN 978-9975-45-988-4.
12. M.C. SPATARU, M.S. BALTATU, **A.V. SANDU**, P. Vizureanu, *General Trends on Biomaterials Applications: Advantages and Limitations*, in *Novel Biomaterials for Tissue Engineering, 2024*, DOI: 10.5772/intechopen.114838

**C. Editor of Volumes (26)**

1. P. VIZUREANU, M.M.A.B. ABDULLAH, R.A. RAZAK, D.D. BURDUHOS-NERGIS, L. YUN-MING, **A.V. SANDU**, **Geopolymers: Properties and Applications**, CRC Press, Taylor and Francis Group, 2023 (ISBN: 9781032486710).
2. **A.V. SANDU**, P. VIZUREANU, M.M.A.B. ABDULLAH, M. NABIALEK, C.M.R. GHAZALI, I. SANDU, Selected Papers from ICIR EUROINVENT – 2023 (International Conference on Innovative Research), **Springer Proceedings in Materials (SPM, volume 38)**.
3. **A.V. SANDU**, **EUROINVENT 2023**, (Proceedings of the 15th edition), (ISSN print: 2601-4564 ISSN online: 2601-4572), Iasi, 649 p.
4. **A.V. SANDU**, M.M.A.B. ABDULLAH, P. VIZUREANU, M. NABIALEK, C.M.R. GHAZALI, I. SANDU, **IOP Conference Series: Materials Science and Engineering**, Volume 1962, 2022 (ISSN 1757-899X).
5. **A.V. SANDU**, **EUROINVENT 2022**, (Proceedings of the 14th edition), (ISSN print: 2601-4564 ISSN online: 2601-4572), Iasi, 654 p.
6. **A.V. SANDU**, M.M.A.B. ABDULLAH, P. VIZUREANU, M. NABIALEK, C.M.R. GHAZALI, I. SANDU, **IOP – Journal of Physics: Conference Series**, Volume 877, 2021 (ISSN 1757-899X).
7. **A.V. SANDU**, **EUROINVENT 2021**, (Proceedings of the 13th edition), (ISSN print: 2601-4564 ISSN online: 2601-4572), Iasi, 654 p.
8. **A.V. SANDU**, M.M.A.B. ABDULLAH, P. VIZUREANU, C.M.R. GHAZALI, I. SANDU, **IOP Conference Series: Materials Science and Engineering**, Volume 877, 2020 (ISSN 1757-899X).
9. **A.V. SANDU**, **EUROINVENT 2020**, (Proceedings of the 12th edition), (ISSN print: 2601-4564 ISSN online: 2601-4572), Iasi, 658 p.
10. **A.V. SANDU**, M.M.A.B. ABDULLAH, P. VIZUREANU, C.M.R. GHAZALI, I. SANDU, **IOP Conference Series: Materials Science and Engineering**, Volume 572, 2019 (ISSN 1757-899X).
11. **A.V. SANDU**, **EUROINVENT 2019**, (Proceedings of the 11th edition), (ISSN print: 2601-4564 ISSN online: 2601-4572), Iasi, 658 p.
12. **A.V. SANDU**, M.M.A.B. ABDULLAH, P. VIZUREANU, C.M.R. GHAZALI, I. SANDU, **IOP Conference Series: Materials Science and Engineering**, Volume 372, 2018 (ISSN 1757-899X).
13. **A.V. SANDU**, **EUROINVENT 2018**, (Proceedings of the 10th edition), (ISSN print: 2601-4564 ISSN online: 2601-4572), Iasi, 618 p.
14. **A.V. SANDU**, M.M.A.B. ABDULLAH, P. VIZUREANU, C.M.R. GHAZALI, I. SANDU, **IOP Conference Series: Materials Science and Engineering**, Volume 209, 2017 (ISSN 1757-899X).
15. **A.V. SANDU**, **EUROINVENT 2017** (Proceedings of the 9th Edition), Editura Studis, 2017, ISBN 978-606-775-212-0, 692 p.
16. **A.V. SANDU**, M.M.A.B. ABDULLAH, P. VIZUREANU, S.Z.A. RAHIM, I. SANDU, **IOP Conference Series: Materials Science and Engineering**, Volume 133, 2016 (ISSN 1757-899X).
17. **A.V. SANDU**, I.G. SANDU, **EUROINVENT 2016** (Proceedings of the 8th Edition), Editura PIM, 2015, ISBN 978-606-775-212-0, 692 p.
18. **A.V. SANDU**, M.M.A.B. ABDULLAH, P. VIZUREANU, Y. YAHYA, I. SANDU, **INNOVATIVE MATERIALS AND ENGINEERING RESEARCH, Key Engineering Materials**, Vol. 660, 2015, Trans Tech Publications, ISBN 978-3-03835-559-5, 428 p.
19. M.M.A.B. ABDULLAH, L. JAMALUDIN, M.F.M. TAHIR, **A.V. SANDU**, **GEOPOLYMER AND GREEN TECHNOLOGY, Materials Science Forum**, Vol. 803, 2015, Trans Tech Publications, ISBN 978-3-03835-233-4, 394 p.

20. **A.V. SANDU**, I.G. SANDU, EUROINVENT 2015 (Proceedings of the 7th Edition), Editura PIM, 2015, ISBN 978-606-13-2474-3, 502 p.
21. **A.V. SANDU**, I. SANDU, EUROINVENT 2014, Editura Universitatii Al.I.Cuza Iași, 2014, ISBN 978-973-702-641-5, 646 p.
22. **A.V. SANDU**, EUROINVENT 2013, Editura Universitatii Al.I.Cuza Iași, 2013, ISBN 978-973-703-891-3, 500 p
23. **A.V. SANDU**,EUROINVENT 2012, Editura Universitatii Al.I.Cuza Iași, 2012, ISBN 978-973-703-759-6, 380 p
24. **A.V. SANDU**,EUROINVENT 2011, Editura TEHNOPRESS, 2011, ISBN 978-973-702-851-8, 324 p
25. **A.V. SANDU**,EUROINVENT 2010, Editura TEHNOPRESS, 2010, ISBN 978-973-702-769-6, 228 p.
26. **A.V. SANDU**, EUROINVENT 2009, Editura TEHNOPRESS, 2009, ISBN 978-973-702-641-5, 194 p.

### **Guest Editor (9):**

1. **MATERIALS** (MDPI): Obtaining and Characterization of New Materials V (2024-) ([https://www.mdpi.com/journal/materials/special\\_issues/52S24HYD67](https://www.mdpi.com/journal/materials/special_issues/52S24HYD67) )
2. **MATERIALS** (MDPI): Obtaining and Characterization of New Materials IV (2023-2024) ([https://www.mdpi.com/journal/materials/special\\_issues/7EH16X88E3](https://www.mdpi.com/journal/materials/special_issues/7EH16X88E3) )
3. **MATERIALS** (MDPI): Obtaining and Characterization of New Materials III (2022-2023) ([https://www.mdpi.com/journal/materials/special\\_issues/obtain\\_charaterization\\_mater\\_volumelII](https://www.mdpi.com/journal/materials/special_issues/obtain_charaterization_mater_volumelII) )
4. **MATERIALS** (MDPI): Obtaining and Characterization of New Materials II (2021-2022) ([https://www.mdpi.com/journal/materials/special\\_issues/Obtain\\_Charact\\_Mater\\_II](https://www.mdpi.com/journal/materials/special_issues/Obtain_Charact_Mater_II) )
5. **MATERIALS** (MDPI): Obtaining and Characterization of New Materials (2020-2021) ([https://www.mdpi.com/journal/materials/special\\_issues/Obtain\\_Charact\\_Mater](https://www.mdpi.com/journal/materials/special_issues/Obtain_Charact_Mater) )
6. **APPLIED SCIENCES** (MDPI): Modern Biomaterials: Latest Advances and Prospects (2022-2023) ([https://www.mdpi.com/journal/applsci/special\\_issues/bio\\_medical\\_material](https://www.mdpi.com/journal/applsci/special_issues/bio_medical_material) )
7. **APPLIED SCIENCES** (MDPI): New Materials and Advanced Procedures of Obtaining and Processing II (2022-2023) ([https://www.mdpi.com/journal/applsci/special\\_issues/advanced\\_procedures](https://www.mdpi.com/journal/applsci/special_issues/advanced_procedures) )
8. **APPLIED SCIENCES** (MDPI): New Materials and Advanced Procedures of Obtaining and Processing (2021-2022) ([https://www.mdpi.com/journal/applsci/special\\_issues/new\\_advanced\\_materials](https://www.mdpi.com/journal/applsci/special_issues/new_advanced_materials) )
9. **CRYSTALS** (MDPI): Advances in New Functional Biomaterials for Medical Applications (2022-2023) ([https://www.mdpi.com/journal/crystals/special\\_issues/biomaterials\\_crystals](https://www.mdpi.com/journal/crystals/special_issues/biomaterials_crystals) )

**D. Articles published indexed in Web of Science (364):**

1. Arokiasamy, P.; Abdullah, M.M.A.B.; Rahim, S.Z.A.; **Sandu, A.V.**; Fedrigo, A.; Ediaty, R.; Ishak, S.; Kaus, N.H.M. Hydroxyapatite incorporated metakaolin/sludge based geopolymer adsorbent for copper ions and ciprofloxacin removal: Synthesis, characterization and mechanisms, **ARABIAN JOURNAL OF CHEMISTRY** 2024, Volume 17, Issue 5, May 2024, 105745, <https://doi.org/10.1016/j.arabjc.2024.105745>
2. Ilieva, D.; Angelova, L.; Radoykova, T.; Surleva, A.; Chernev, G.; Vizureanu, P.; Burduhos-Nergis, D.D.; **Sandu, A.V.** Characterization of Bulgarian Copper Mine Tailing as a Precursor for Obtaining Geopolymers. **MATERIALS** 2024, 17, 542. <https://doi.org/10.3390/ma17030542>
3. Nabialek, M.; Wyslocki, J.J.; Jaruga, T.; Bloch, K.; **Sandu, A.V.**; Savinkin, V.V.; Mohd Salleh, M.A.A.; Jez, B.; *The Phenomenon of Magnetic Anisotropy in Amorphous Materials Produced Using the Injection-Casting Method*, **ACTA PHYSICA POLONICA A**, 144, 5, 2023, 410-413; 10.12693/APhysPolA.144.410
4. Burduhos-Nergis, D.D.; Vizureanu, P.; **Sandu, A.V.**; Cimpoesu, N., *Mechanical performance of fly ash blended geopolymer composite reinforced with recycled glass fiber*, **ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL**, 22, 8, 2023, 1329-1339: <https://doi.org/10.30638/eemj.2023.110>
5. Baltatu, M.S.; Vizureanu, P.; **Sandu, A.V.**; Solcan, C.; Hritcu, L.D.; Spataru, M.C. Research Progress of Titanium-Based Alloys for Medical Devices. **BIOMEDICINES** 2023, 11, 2997. <https://doi.org/10.3390/biomedicines11112997>
6. Mohamad, N.A.; Hamzah, S.; Hairom, N.H.H.; Zahid, M.S.A.; Ali, K.A.M.; Ghazali, C.M.R.; **Sandu, A.V.**; Abdullah, M.M.A.B.; Vizureanu, P. Poly-ferric sulphate as superior coagulant: A review on preparation methods and properties, **REVIEWS ON ADVANCED MATERIALS SCIENCE**, 2023, 62, 20220327, <https://doi.org/10.1515/rams-2022-0327> (Corresponding author)
7. Antonovici, M.O.; Sandu, I.G.; Vasilache, V.; **Sandu, A.V.**; Arcana, S.; Arcana, R.I.; Sandu, I. Implications in Halotherapy of Aerosols from the Salt Mine Targu Ocna—Structural-Functional Characteristics. **HEALTHCARE** 2023, 11, 2104. <https://doi.org/10.3390/healthcare11142104>
8. Mustapa, N.B.; Ahmad, R.; Al Bakri Abdullah, M.M.; Ibrahim, W.M.W.; **Sandu, A.V.**; Nemes, O.; Vizureanu, P.; Kartikowati, C.W.; Risdanareni, P. Effect of the Sintering Mechanism on the Crystallization Kinetics of Geopolymer-Based Ceramics. **MATERIALS** 2023, 16, 5853. <https://doi.org/10.3390/ma16175853>
9. Burduhos Nergis, D.D.; Bejinariu, C.; Cazac, A.M.; **Sandu, A.V.**; Vizureanu, P. XRD and STA characterization of phosphate layers deposited on the carbon steel surface, **ARCHIVES OF METALLURGY AND MATERIALS**, 68, 3, 2023, 955-960 DOI: <https://doi.org/10.24425/amm.2023.145459>
10. Perju, M.C.; Nejneru, C.; Burduhos-Nergis, D.D.; Vizureanu, P.; Minciuna, M.G.; Sandu, A.V. Study of the effect of intensity of vibrations and temperature on the cooling characteristics of quenching media, **ARCHIVES OF METALLURGY AND MATERIALS**, 68, 3, 2023, 997-1002, DOI: <https://doi.org/10.24425/amm.2023.145466>
11. Burduhos Nergis, D.P.; **Sandu, A.V.**; Burduhos Nergis, D.D.; Vizureanu, P.; Bejinariu, C. Phosphate Conversion Coating – a short review, **ARCHIVES OF METALLURGY AND MATERIALS**, 68, 3, 2023, 1029-1034 DOI: <https://doi.org/10.24425/amm.2023.145471>
12. Wei, L.K.; Abd Rahim, S.Z.; Al Bakri Abdullah, M.M.; Yin, A.T.M.; Ghazali, M.F.; Omar, M.F.; Nemeş, O.; **Sandu, A.V.**; Vizureanu, P.; Abdellah, A.E.-h. Producing Metal Powder from Machining Chips Using Ball Milling Process: A Review. **MATERIALS** 2023, 16, 4635. <https://doi.org/10.3390/ma16134635>
13. Lai, D.S., Osman, A.F., Adnan, S.A., Ibrahim, I., **Sandu, A.V.**, Abd Rahim, S.Z., Vizureanu, P. The role of natural hybrid nanobentonite/nanocellulose in enhancing the water resistance



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  15. Burduhos-Nergis, D.D.; Vizureanu, P.; Achitei, D.C.; **Sandu A.V.**; Burduhos-Nergis, D.P.; Abdullah, M.M.A.B. The Influence of sintering temperature on the microstructure of coal-ashed based geopolymers, **ARCHIVES OF METALLURGY AND MATERIALS**, 68 2,, 2023, 631-637, DOI: <https://doi.org/10.24425/amm.2023.142444>
  16. Amlı, S.F.M.; Salleh, M.A.A.M.; Aziz, M.S.A.; Yasuda, H.; Nogita, K.; Abdullah, M.M.A.B.; Nemes, O.; **Sandu, A.V.**; Vizureanu, P. Effects of Multiple Reflow on the Formation of Primary Crystals in Sn-3.5Ag and Solder Joint Strength: Experimental and Finite Element Analysis. **MATERIALS** 2023, 16, 4360. <https://doi.org/10.3390/ma16124360>
  17. Mustapa, N.B.; Ahmad, R.; Ibrahim, W.M.W.; Abdullah, M.M.A.B.; Wattanasakulpong, N.; Nemes, O.; **Sandu, A.V.**; Vizureanu, P.; Sandu, I.G.; Kartikowati, C.W.; et al. Effect of Sintering Mechanism towards Crystallization of Geopolymer Ceramic—A Review. **MATERIALS** 2023, 16, 4103. <https://doi.org/10.3390/ma16114103>
  18. Lates, C.G.; Dumitras, C.G.; Vizureanu, P.; **Sandu, A.V.** Heat Transfer Optimization of an Electronic Control Unit Immersed in Forced Liquid Coolant. **Applied Sciences**. 2023, 13, 5310. <https://doi.org/10.3390/app13095310>.
  19. Ivashko, Y.; Mykhailovskyi, D.; Tovbych, V.; Kobylarczyk, J.; Kusnierz-Krupa, D.; Dmytrenko, A.; Kharaborska, Y.; **Sandu, A.V.** Problems of plants revitalization in the east of ukraine after the war. **INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE**, 2023, 14, 2, 551-562. DOI10.36868/IJCS.2023.02.12
  20. Saleh, S.S.M.; Omar, M.F.; Akil, H.M.; Kudus, M.H.A.; Abdullah, M.M.A.B.; **Sandu, A.V.**; Vizureanu, P.; Halim, K.A.A.; Rasidi, M.S.M.; Mahamud, S.N.S.; Sandu, I.; Nosbi, N. Preparation of Carbon Nanotubes/Alumina Hybrid-Filled Phenolic Composite with Enhanced Wear Resistance. **MATERIALS** 2023, 16, 2772. <https://doi.org/10.3390/ma16072772>
  21. Savinkin, V.V.; Ivanova, O.V.; Zhumekenova, Z.Z.; **Sandu, A.V.**; Vizureanu, P. Effect of New Design of the Laser Installation and Spraying Method on the Physical and Mechanical Properties the Inner Surface a Small Diameter Coated with 15Cr17Ni12V3F35ZrO2. **COATINGS** 2023, 13, 514. <https://doi.org/10.3390/coatings13030514>
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**F. Patents / Inventions:****Granted Patents**

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