

LIST OF PUBLICATIONS

A. Book and Courses (11)

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 și 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 fosfatere. Studii și aplicații**, Ed. Politehniun 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. Universitații 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 și 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.

B. Chapter of Books (10)

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*, **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.

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 Iasi, 2014, ISBN 978-973-702-641-5, 646 p.
22. **A.V. SANDU**, EUROINVENT 2013, Editura Universitatii Al.I.Cuza Iasi, 2013, ISBN 978-973-703-891-3, 500 p
23. **A.V. SANDU**, EUROINVENT 2012, Editura Universitatii Al.I.Cuza Iasi, 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 (8):

1. **MATERIALS** (MDPI): Obtaining and Characterization of New Materials IV (2023-2024)
(https://www.mdpi.com/journal/materials/special_issues/7EH16X88E3)
2. **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)
CRYSTALS (MDPI): Advances in New Functional Biomaterials for Medical Applications (2023)
(https://www.mdpi.com/journal/crystals/special_issues/biomaterials_crystals)
3. **MATERIALS** (MDPI): Obtaining and Characterization of New Materials III (2022-2023)
(https://www.mdpi.com/journal/materials/special_issues/obtain_charaterization_mater_volumeI_II)
(https://www.mdpi.com/journal/applsci/special_issues/advanced_procedures)
4. **APPLIED SCIENCES** (MDPI): New Materials and Advanced Procedures of Obtaining and Processing (2022)
(https://www.mdpi.com/journal/applsci/special_issues/bio_medical_material)
5. **CRYSTALS** (MDPI): Advances in New Functional Biomaterials for Medical Applications (2022)
(https://www.mdpi.com/journal/crystals/special_issues/biomaterials_crystals)
6. **MATERIALS** (MDPI): Obtaining and Characterization of New Materials II (2021-2022)
(https://www.mdpi.com/journal/materials/special_issues/Obtain_Charact_Mater_II)
7. **MATERIALS** (MDPI): Obtaining and Characterization of New Materials (2020-2021)
(https://www.mdpi.com/journal/materials/special_issues/Obtain_Charact_Mater)
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)

D. Articles published indexed in Web of Science (362):

1. 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](https://doi.org/10.12693/APhysPolA.144.410)
2. 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>
3. 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>
4. 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)
5. 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>
6. 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>
7. 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>
8. 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>
9. 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>
10. Wei, L.K.; Abd Rahim, S.Z.; Al Bakri Abdullah, M.M.; Yin, A.T.M.; Ghazali, M.F.; Omar, M.F.; Nemes, 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>
11. 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 properties of the biodegradable thermoplastic starch. **E-POLYMERS**, 2023, 23, 1, 20230014. DOI: [10.1515/epoly-2023-0014](https://doi.org/10.1515/epoly-2023-0014)
12. Rahim, N.A.; Noor, N.M.; Jafri, I.A.M.; Ul-Saufie, A.Z.; Ramli, N.; Seman, N.A.A.; Kamarudzaman, A.N.; Zainol, M.R.R.M.A; Sandu, A.V., Deak, G. Variability of PM10 level with gaseous pollutants and meteorological parameters during episodic haze event in Malaysia: Domestic or solely transboundary factor? **HELIYON**, 2023, 9, 6, e17472, <https://doi.org/10.1016/j.heliyon.2023.e17472>.
13. 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>
14. Amli, 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>
 15. Mustapa, N.B.; Ahmad, R.; Ibrahim, W.M.W.; Abdullah, M.M.A.B.; Wattanasakulpong, N.; Nemeş, 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>
 16. 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>.
 17. 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
 18. 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>
 19. 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>
 20. Hashim, A.N.; Salleh, M.A.A.M.; Ramli, M.M.; Abdullah, M.M.A.B.; **Sandu, A.V.**; Vizureanu, P.; Sandu, I.G. Effect of Isothermal Annealing on Sn Whisker Growth Behavior of Sn0.7Cu0.05Ni Solder Joint. **MATERIALS** 2023, 16, 1852. <https://doi.org/10.3390/ma16051852> (Corresponding author)
 21. Redzuan, S.N.; Noor, N.M.; Rahim, N.A.A.A.; Jafri, I.A.M.; Baidrullhisham, S.E.; Ul-Saufie, A.Z.; **Sandu, A.V.**; Vizureanu, P.; Zainol, M.R.R.M.A.; Deák, G. Characteristics of PM10 Level during Haze Events in Malaysia Based on Quantile Regression Method. **ATMOSPHERE** 2023, 14, 407. <https://doi.org/10.3390/atmos14020407> (Corresponding author)
 22. Kassim, N.; Rahim, S.Z.A.; Ibrahim, W.A.R.A.W.; Shuaib, N.A.; Rahim, I.A.; Karim, N.A.; **Sandu, A.V.**; Pop, M.; Titu, A.M.; Błoch, K.; Nabisławek, M. Sustainable Packaging Design for Molded Expanded Polystyrene Cushion. **MATERIALS** 2023, 16, 1723. <https://doi.org/10.3390/ma16041723>
 23. Ibrahim, W.M.A.W.; Abdullah, M.M.A.B.; Jamil, N.H.; Mohamad, H.; Salleh, M.A.A.M.; **Sandu, A.V.**; Vizureanu, P.; Baltatu, M.S.; Sukmak, P. Alkaline-Activation Technique to Produce Low-Temperature Sintering Activated-HAp Ceramic. **APPLIED SCIENCES** 2023, 13, 2643. <https://doi.org/10.3390/app13042643> (Corresponding author)
 24. Mydin, M.A.O.; Abdullah, M.M.A.B.; Razak, R.A.; Nawawi, M.N.M.; Risdanareni, P.; Puspitasari, P.; **Sandu, A.V.**; Baltatu, M.S.; Vizureanu, P. Study on Polypropylene Twisted Bundle Fiber Reinforced Lightweight Foamed Concrete. **BUILDINGS** 2023, 13, 541. <https://doi.org/10.3390/buildings13020541>
 25. Aziz, I.H.A.; Abdullah, M.M.A.B.; Razak, R.A.; Yahya, Z.; Salleh, M.A.A.M.; Chaiprapa, J.; Rojviriyaa, C.; Vizureanu, P.; **Sandu, A.V.**; Tahir, M.F.; Abdullah, A.; Jamaludin, L. Mechanical Performance, Microstructure, and Porosity Evolution of Fly Ash Geopolymer after Ten Years of Curing Age. **MATERIALS** 2023, 16, 1096. <https://doi.org/10.3390/ma16031096>
 26. Luhar, I.; Luhar, S.; Abdullah, M.M.A.B.; Sandu, A.V.; Vizureanu, P.; Razak, R.A.; Burduhos-Nergis, D.D.; Imjai, T. Solidification/Stabilization Technology for Radioactive Wastes Using

- Cement: An Appraisal. **MATERIALS** 2023, 16, 954. <https://doi.org/10.3390/ma16030954> (Corresponding author)
27. Jamaludin, L.; Razak, R.A.; Al Bakri Abdullah, M.M.; Vizureanu, P.; **Sandu, A.V.**; Abd Rahim, S.Z.; Ahmad, R. Solid-to-Liquid Ratio Influenced on Adhesion Strength of Metakaolin Geopolymer Coating Paste Added Photocatalyst Materials. **COATINGS** 2023, 13, 236. <https://doi.org/10.3390/coatings13020236>
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