



L I S T A

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Articole publicate:

1. **Chiujdea Cosmina**, Zeghloul Thami, Cananau Sorin, Bendilmi Mohamed Sofiane, and Dascalescu Lucian, “*Influence of 3D printed surface texturing on the tribo-charging process of polymer slabs in conformal contact*,” IEEE Transactions on Industry Applications. PP. 1-9., doi: 10.1109/TIA.2025.3548027., WOS:001523487300005, ISSN 0093-9994, e-ISSN 1939-9367 (journal article)
<https://www.webofscience.com/wos/woscc/full-record/WOS:001523487300005>
2. **Chiujdea Cosmina**, Sorin Cananau, “*A Review of Additive Manufacturing Technologies*”, Journal of Research and Innovation for Sustainable Society vol. 3, no. 1, Mar. 2021, Publisher: Association for Democracy Education Respect (Thoth Publishing House), pp 25-32, ISSN-L 2668-0416, ISSN 2668-0416, doi:10.33727/jriss.2021.1.4:25-32, Indexed in: CrossRef, Worldcat, EBSCO, Directory of Open Access Journals (DOAJ), Google Scholar,
https://jriss.4ader.ro/wp-content/uploads/2024/02/04_Eng.pdf
3. **Chiujdea, Cosmina &** Zeghloul, Thami & Cananau, S. & Bendilmi, Mohamed & Dascalescu, L.. (2023) “*Influence of 3D printed surface texturing on the tribo-charging process of polymer slabs in conformal contact*” 1-6. , 2023 IEEE Industry Applications Society Annual Meeting (IAS), doi: 10.1109/IAS54024.2023.10406393 (conference article)
<https://ieeexplore.ieee.org/document/10406393>
4. **Chiujdea Cosmina**, Sorin Cananau, “*A curvature structured triboelectric nanogenerator for harvesting human motion energy*”, SCIENTIFIC BULLETIN, Series C Electrical Engineering and Computer Science, ISSN (print): 2286-3540 / (online): 2286-3559
5. Mihai Bucur, Sorin Cananau, Radu Mirica, **Chiujdea Cosmina** “*Study of the stress state for gears used in transmissions for power plants*”, SCIENTIFIC BULLETIN, Series D Mechanical Engineering, ISSN (print): 1454-2358/ (online): 2286-3699

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<https://www.aidic.it/electrostatics2025/programma/pro.html>



2. **Chiujdea Cosmina**, Zeghloul Thami, Cananau Sorin, Bendilmi Mohamed Sofiane, and Dascalescu Lucian, “ *Factors that Influence the Triboelectric Charging of Textured Plastic Slabs in Conformal Contact*”, 49th Leeds-Lyon Tribology Symposium, 02/09/2024 – 04/09/2024, Lyon, Franta
<https://leeds-lyon2024.sciencesconf.org/537439>
3. **Chiujdea Cosmina**, Zeghloul Thami, Cananau Sorin, Bendilmi Mohamed Sofiane, Dascalescu Lucian, „*Facteurs influençant la charge triboélectrique des plaques de polymère texturé soumises à un contact conforme*”, Les 35èmes journées internationales francophones de tribologie (jift 2024), 15/05/2024 – 17/05/2024, Poitiers, Franta
https://jift2024.sciencesconf.org/data/pages/JIFT2024_programme_v2.pdf
4. **Chiujdea, Cosmina & Zeghloul, Thami & Cananau, S. & Bendilmi, Mohamed & Dascalescu, L..** (2023) “Influence of 3D printed surface texturing on the tribo-charging process of polymer slabs in conformal contact”, 2023 IEEE Industry Applications Society Annual Meeting (IAS), 29/10/2023 – 02/11/2023, Nashville, TN, USA
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Articole acceptate spre publicare:

1. Daniel Besnea, Edgar Moraru, Victor Constantin, Iolanda Panait, Vlad-Andrei Stănescu, Elena Dinu, Valentin Năstase, **Cosmina Chiujdea**, “*Mechatronic system for simulating the biomechanical behaviour of the lumbar vertebrae*”, ACTA TECHNICA NAPOCENSIS, Series: Applied Mathematics, Mechanics, and Engineering, ISSN: 1221-5872