

**LISTA PUBLICAȚIILOR REZULTATE ÎN URMA CERCETĂRII DOCTORALE,
PUBLICATE SAU ACCEPTATE SPRE PUBLICARE, SUB AFILIERE UPT**

Ing. Iosif LAZĂR student doctorand

1. Lucrări științifice publicate în reviste indexate Web of Science-WoS (ISI)

- ✓ 1. Lazar, I., Bordeasu, I., Circiumaru, A., Mitelea, I., Bocii, L., Behavior of Polymer Thin Films Deposited on Bronze Surfaces at Cavitation Erosion, Rev.Chim (Bucharest), vol.69, no.10, pp. 2921-2927, 2018 (ISI)
- ✓ 2. Bordeasu, I., Circiumaru, A., Popoviciu, M. O., Lazar, I., Badarau, R., Groza, I., Cavitation Erosion Behavior on Thin Films of Polymer Blends Deposited Over Bronze Surfaces, Rev.Mat.Plast, vol. 55, nr.3, pp. 286-290, 2018 (ISI)
- ✓ 3. Micu, L.M., Lazar, I., Circiumaru, A., Bordeasu, I., Pivulescu, L.D., Hluscu, M., New Results Regarding Cavitation Behavior of Polymers Modified with Anorganic Substances Coated on Bronze Surfaces, Rev.Mat.Plast, vol. 55, nr.3, pp. 460-463, 2018 (ISI)
- ✓ 4. Bordeasu, I., Mitelea, I., Lazar, I., Micu, L.M., Karancsi, O., Cavitation Erosion Behaviour of Cooper Base Layers Deposited by HVOF Thermal Spraying, Rev.Chim (Bucharest), vol.68, no.12, pp. 2914-2917, 2017 (ISI)

2. Lucrări științifice publicate în volumele unor manifestări științifice (Proceedings) indexate Web of Science-WoS (ISI) Proceedings

1. Lazar, I., Bordeasu, I., Popoviciu, M.O., Mitelea, I., Craciunescu, C. M., Pivulescu, L. D., Sava, M., Micu, L. M., Evaluation of the brass CuZn39Pb3 resistance at vibratory cavitation erosion, International Conference on Applied Sciences, IOP Conference Series-Materials Science and Engineering, vol. 477, DOI: 10.1088/1757-899X/477/1/012002, 2019 (ISI)

3. Lucrări științifice publicate în reviste de specialitate indexate BDI (cu specificarea BDI)

1. Lazar, I., Bordeasu, I., Popoviciu, M.O., Micu, L.M., Researches regarding the Behavior of CuAl10.5Ni5Fe4.8Mn1.5 at Erosion Generated by Vibratory Cavitation, HIDRAULICA, Magazine of Hydraulics, Pneumatics, Tribology, Ecology, Sensorics, Mechatronics, No. 4, ISSN 1453 – 7303, pp. 25-33, 2017 (Index Copernicus)
2. Micu LM, Lazar I, Bordeasu I, Badarau R, Podoleanu CE, Duma ST, Pivulescu LD, Hluscu M, Evaluation of the Cavitation Resistance of Some Materials Based on Mean Durability, Welding and Material Testing, XXVII, no.1, p.14-17, 2018 (Research Gates)
3. Lazar, I., Bordeasu, I., Sirbu, N.A., Estimation of the resistance at the cavitation erosion of the CuSn12 bronze based on mean durability, Welding and Material Testing, XXVII, no.3, p.1-5, 2018 (Research Gates)

4. Lucrări științifice publicate în volumele unor manifestări științifice (Proceedings) indexate BDI (cu specificarea BDI)

1. Lazar, I., Bordeasu, I., Popoviciu, M.O., Mitelea, I., Bena, T., Micu, L.M., Considerations regarding the erosion mechanism of vibratory cavitation, Conference Proceeding, 10th International Conference Machine and Industrial Design in Mechanical Engineering, KOD 2018; Novi Sad; Serbia; 6 June, Volume 393, Issue 1, ISSN: 17578981, DOI: 10.1088/1757-899X/393/1/012040, 2018 (Scopus)
2. Lazar, I., Salcianu, C.L., Bordeasu, I., Popoviciu, M.O., Hluscu, M., Pivulescu, L.D., Malaimare, G., Badarau, R., Contributions for increasing the CuZnPb brass durability to cavitation erosion, Journal of Physics: Conference Series, International Conference on Applied Sciences, IOP Publishing, vol.1426, doi:10.1088/1742-6596/1426/1/012015, 2020 (Scopus)
3. Lazar, I., Bordeasu, I., Popoviciu, M.O., Hluscu, M., Podoleanu, C.E., Duma, S.T., Sava, M., Modification of the average durability for CuSn12 bronze at cavitation erosion using volumetric treatments, Journal of Physics: Conference Series, International Conference on Applied Sciences, IOP Publishing, vol.1426, doi: 10.1088/1742-6596/1426/1/012014, 2020 (Scopus)

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