

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

**Ing. Sorin Dumitru URLAN student doctorand**

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

✓ [1] Utu I.D., Mitelea I., **Urlan S.D.**, Craciunescu C.M.: Transformation and Precipitation Reactions by Metal Active Gas Pulsed Welded Joints from X2CrNiMoN22-5-3 Duplex Stainless Steels, J. Materials, 2016, 9(606), pp.1-15, (DOI: 10.3390/ma9070606)

✓ [2] Mitelea I., Uțu I. D., **Urlan S. D.**, Karancsi O.: Microstructure characterization and corrosion testing of MAG pulsed duplex stainless steel welds. J. Materials Testing, Vol. 59, Issue 7 – 8, 2017, pp. 642 – 646 , (DOI: 10.3139/120.111054)

✓ [3] Mitelea I., Uțu I.D., **Urlan S.D.**, Crăciunescu CM: The effect of the solution treatment onto the microstructure and mechanical properties of MAG pulsed welded joints from X2CrNiMoN22-5-3 Duplex stainless steels, J. Materials Wissenschaft und Werkstofftechnik, Vol.45, Issue 11, 2017, pp. 1040 – 1048. (DOI: 10.1002/mawe.201700064)

✓ [4] Mitelea I., Uțu I.D., Karancsi O., **Urlan S.D.**, Crăciunescu C.M. : Investigation of the microstructure of dissimilar welds in duplex stainless steel and low alloyed steel. J. Materials Testing, 61, Issue 2, 2019, pp. 120 – 124. (DOI: 10.3139/120.111292)

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

✓ [1] **Urlan S.D.**, Mitelea I., Utu I.D., Burca M.: Microstructure of the pulsed MIG / MAG welded joints from Duplex stainless steel X2CrNiMoN 22-5-3. 24th International Conference on Metallurgy and Materials, June 3rd - 5th, 2015, Brno, Conference Proceedings, pp. 898 – 904, (WOS:000374706100144)

✓ [2] **Urlan S.D.**, Mitelea I., Utu I.D., Karancsi O., Burca M.: Process parameters and the structure of MAG pulsed Duplex stainless steel welded joints. METAL 2016, International Conference on Metallurgy and Materials, pp.873-878, 2016, Brno, Czech Republic, (WOS:000391251200141)

✓ [3] **Urlan S.D.**, Karancsi O., Mitelea I., Burcă M.: Microstructure of dissimilar joints between Duplex stainless steel and low alloyed steel. METAL 2017, International Conference on Metallurgy and Materials, pp.997-1002, 2017, Brno, Czech Republic, (WOS:000434346900159)

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