

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

Ing. Pavel Ciprian LUCIAN

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

[1] Mitelea I, Crăciunescu C, **Lucian C**, Uțu I. Microstructure and mechanical properties of 6082-T6 aluminum alloy–zinc coated steel braze-welded joints: *Materials Testing*. 2021;63(8): 721-727. <https://doi.org/10.1515/mt-2020-0117>

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

[1] **Lucian C.P**, Mitelea I, Burcă M, Uțu ID : Mechanical behaviour of MIG pulsed welded joints from 6082 T6 aluminium alloy. 7th International Conference on Advanced Materials and Structures - AMS 2018, IOP Publishing IOP Conf. Series: Materials Science and Engineering 416 (2018) 012009. DOI:10.1088/1757-899X/416/1/012009

<https://iopscience.iop.org/article/10.1088/1757-899X/416/1/012009>

[2] **Lucian C. P.**, Mitelea I., Utu I.D., Craciunescu C.M.: Effects of post weld heat treatment (PWHT) on mechanical properties and microstructure of EN AW – 6082 T6 aluminum alloy. METAL 2019, International Conference on Metallurgy and Materials, pp.997-1002, 2019, Brno, Czech Republic. WOS: 000434346900159

http://cel.webofknowledge.com/InboundService.do?customersID=Publons_CEL&smartRedirect=yes&mode=FullRecord&IsProductCode=Yes&product=CEL&Init=Yes&Func=Frame&action=retrieve&SrcApp=Publons&SrcAuth=Publons_CEL&SID=6EZawELziw6vmAU73Be&UT=WOS%3A000539487400204

[3] Oana S., Mitelea I., Simon N., **Lucian C.P.**: Influence of laser beam power on the heterogeneous welded joints morphology of deformable aluminum alloys. 8th International Conference on Advanced Materials and Structures - AMS 2020, Materials Today: Proceedings, 2020, 45, pp. 4349–4355

<https://doi.org/10.1016/j.matpr.2021.01.342>

[4] **Lucian C. P.**, Mitelea I., Oana S., Burca M., Simon N.: The opportunity to join through laser braze-welding of aluminium alloys with galvanized low alloy steels. 8th International Conference on Advanced Materials and Structures - AMS 2020, Materials Today: Proceedings 2020, 45, pp. 4128–4132

<https://doi.org/10.1016/j.matpr.2020.11.874>

[5] **Ciprian Pavel LUCIAN**, Olimpiu KARANCSI, Ion MITELEA, Ion-Dragoș UȚU, Corneliu-Marius CRĂCIUNESCU : On the microstructure characterization of the AL6082-AISI304 alloys welded by FSW. Lucrare susținută în cadrul conferinței internaționale METAL 2021-Brno – acceptata pentru publicare și indexare ISI.

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