

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

Ing. Dinu SIMIONESCU

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

[1] Mitelea I., Simionescu D., Craciunescu C.M., Utu I.D. : Fracture toughness of MAG welds in pulsed current of API 5L AX65M thermomechanical treated steel. MATERIALS TESTING, Volume 62, Issue 3, MAR 2020, pp. 304 – 310. DOI: 10.3139/120.111486

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

[1] Simionescu D., Mitelea I., Burca M.: Opportunities of narrow gap MAG welding of API 5L X65M steel pipeline. METAL 2017: 26TH INTERNATIONAL CONFERENCE ON METALLURGY AND MATERIALS, 2017, pp. 699 – 704, Proceeding Paper, WOS: 000434346900109

[2] Simionescu D., Mitelea I., Burca M., Utu I.D. : Cold bending characteristics of MAG pulse welding of API 5LX65 thermomechanical treated steel. 28TH INTERNATIONAL CONFERENCE ON METALLURGY AND MATERIALS (METAL 2019), 2019, pp. 532 – 537, Proceeding Paper, WOS: 000539487400086

[3] Simionescu D., Mitelea I., Karancsi O., Utu I. D. : Research on the nondestructive examination of narrow gap MAG welding of API 5LX65 thermomechanical treated steel. Materials today : PROCEEDINGS, Vol. 45, Issue P5. 2021, pp. 4105 – 4112, WOS: 000655645500004

2. Lucrări științifice publicate în reviste de specialitate indexate BDI

[1] Simionescu D., Mitelea I., Burca M., Utu I.D. : Mechanical behaviour of narrow gap MAG welding of API 5L X65M steel pipeline. IOP Conference Series: Materials Science and Engineering, Volume 416, Pages: 012008 (8 pp.), Published: 2018.

[2] Mitelea I., Simionescu D., Bordeasu I. : Susceptibility to stress corrosion cracking in hydrogen sulfide environment of MAG welded joints of API 5L AX65M thermomechanical treated steel. Revista de Chimie, Volume 70, Issue 12, 2019, pp. 4405 – 4409. <https://doi.org/10.37358/RC.19.12.7766>

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AVIZAT, Conducător științific	ÎNTOCMIT, Student doctorand
Prof.univ.dr.ing. Ion MITELEA	ing.Dinu SIMIONESCU