

## ARTICOLE PUBLICATE ÎN PLUBLICAȚII RELEVANTE (2017)

### Articole cotate ISI (2)

1. Chinnadurai T., Vendan S. A., Rusu C. C., Scutelnicu E., Experimental investigations on the polypropylene behavior during ultrasonic welding, *Materials and Manufacturing Processes*, Vol. 33, Iss. 7, pp. 718-726, DOI: 10.1080/10426914.2017.1303155
2. Mihailescu D., Gheonea M. C., Scutelnicu E., Mircea O., [\*Evaluation Of Carbon Monoxide And Microparticles Concentrations Generated During MAG-C Welding Process\*](#), *Tehnicki Vjesnik-Technical Gazette*, Volume: 24, Issue: 2, Pages: 591-598, DOI: 10.17559/TV-20150721143151, 2017.

### Articole publicate în reviste indexate în baze de date internaționale (4)

1. Scutelnicu E., Rusu C.C., Georgescu B., Mircea O., Bormambet M., [\*Mechanical Behaviour of Welded Joints Achieved by Multi-Wire Submerged Arc Welding\*](#), *Advanced Materials Research*, Vol. 1143, 2017, pp. 52-57, DOI:10.4028/www.scientific.net/AMR.1143.52.
2. Rusu C.C., Mistodie L.R., Scutelnicu E., [\*Modular Multi-Process Welding System Used for HSLA Materials Joining\*](#), *Advanced Materials Research*, Vol. 1143, 2017, pp. 58-63, DOI:10.4028/www.scientific.net/AMR.1143.58.
3. Birsan D., *Self elevating unit structure global FE analysis*, *New Technologies and Products in Machine Manufacturing Technologies Journal*, ISSN-2247-6016, pag. 201-209, BDI Journal: Index Copernicus, Ulrich WEB, EBSCO, SCIPPIO, <http://www.tehnomusjournal.fim.usv.ro/>
4. Birsan D., *Finite element analysis of residual stresses in naval structures due to multiarc welding process*, *New Technologies and Products in Machine Manufacturing Technologies Journal*, ISSN-2247-6016, pag. 234-242, BDI Journal: Index Copernicus, Ulrich WEB, EBSCO, SCIPPIO, <http://www.tehnomusjournal.fim.usv.ro/>