

CURRICULUM VITAE

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Indiquer les publications réalisées durant les cinq (05) dernières années :

Belloufi, A., Mezoudj, M., Abdelkrim, M. et al. Experimental and predictive study by multi-output fuzzy model of electrical discharge machining performances. Int J Adv Manuf Technol 109, 2065–2093 (2020). <https://doi.org/10.1007/s00170-020-05718-8>

Mourad Bendifallah, Mourad Brioua, **Abderrahim Belloufi**, Cutting Tool Life and its Effect on Surface Roughness when Turning with WC-6% CO, International Journal of Modern Manufacturing Technologies, Vol.XII, No. 2 / 2020, <https://www.ijmmt.ro/international-journal-ijmmt.php?volume=vol12no22020>

Rezgui, **A. Belloufi**, A. Mihi, Experimental investigation of the corrosion resistance of Ni- Al₂O₃ composite coatings obtained by electrodeposition, U.P.B. Sci. Bull., Series B, Vol. 82, Iss. 1, 2020, <https://www.scientificbulletin.upb.ro/SeriaB - Chimie si Stiinta Materialelor.php?page=revistaonline&a=2&arh an=2020&arh ser=B&arh nr=1>

M. Mezoudj, **A. Belloufi**, M. Abdelkrim, Experimental Investigation on the effect of machining parameters in electric discharge machining using AISI 1095-Treated Steel, International Journal Of Modern Manufacturing Technologies, **Vol. XI, No.1 / 2019**, <https://www.ijmmt.ro/international-journal-ijmmt.php?volume=vol11no12019#gsc.tab=0>

A Belloufi, M Abdelkrim, I Rezgui, R Saci, M Mezoudj and M T Amira, Optimal selection of milling cutting tools for machining of triangular pockets, IOP Conf. Ser.: Mater. Sci. Eng. 1018 012016, 2021, <https://doi.org/10.1088/1757-899X/1018/1/012016>

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M T Amira, **A Belloufi**, M Abdelkrim, F Abdelkrim and M Mezoudj, Smart prediction of surface micro-hardness after milling based on fuzzy inference model, IOP Conf. Ser.: Mater. Sci. Eng. 1018 012017, 2021, <https://doi.org/10.1088/1757->

[899X/1018/1/012017](https://doi.org/10.1088/1757-899X/1018/1/012017)

E Chiba, M Abdelkrim, **A Belloufi** and I Rezgui, Intelligent control of wheel rail contact noise phenomenon in rail transportation, *IOP Conf. Ser.: Mater. Sci. Eng.* 1018 012005, 2021, <https://doi.org/10.1088/1757-899X/1018/1/012005>

M. Abdelkrim, **A. Belloufi**, I. Rezgui, G. Brabie, Approach by the response surface method to determine the cutting temperature of AISI 1060 steel, *IOP Conference Series: Materials Science and Engineering*, volume 400, N°2, pp. 022001, 2018, <http://stacks.iop.org/1757-899X/400/i=2/a=022001>

A. Belloufi, M. Abdelkrim, I. Rezgui, M. E. Arbaoui, A. Tebib, Fuzzy inference system for modelling cutting temperature of AISI 1060 Steel in turning operations, *IOP Conference Series: Materials Science and Engineering*, volume 400, N°4, pp. 042005, *IOP Conf. Series: Materials Science and Engineering*, 2018, <http://stacks.iop.org/1757-899X/400/i=4/a=042005>

S. Rebai, **A. Belloufi**, M. Abdelkrim¹, I. Rezgui, I. Baci, B. Beladjal, Fuzzy inference system for modelling machining parameters in electrical discharge machining, *IOP Conference Series: Materials Science and Engineering*, volume 400, N°4, pp. 042049, *IOP Conf. Series: Materials Science and Engineering*, 2018, <http://stacks.iop.org/1757-899X/400/i=4/a=042049>