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LANGUES

Français

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FORMATION

2001 - 2006
Biskra, Algerie
Ingénieur d'état en métallurgie
Université Mohammed Kheider

2007 - 2011
Annaba, Algerie
Magister en *métallurgie*
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Les articles -

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1. M.L. Fares, M. Athmani, A.ketache, Y.khelfaoui, on investigation into effects of conventional heat treatment on mechanical characteristics of new hot working tool steel, conferences series: materials sciences and engineering. IOP Conf.Series:Mat.Scien.Eng, **28** (2012) 012042doi:10.1088/1757-899X/28/1/012042.(DOI 10.1088/1757-899X/28/1/012042)

2. M.L. Fares, M. Athmani, Y. Abidi, Surface characteristics analysis of gas carburized new hot working tool steel, e-Journal of Surface Science and Nanotechnology. e-J. Surf. Sci. Nanotech. Vol. 9 (2011) 430-437. (*https://doi.org/10.1380/ejssnt.2011.430*)

3. M. Athmani, M. Boulekra, A. Benfoughal, N. Sassane and A. Grid, Elaboration of Thermostructural Composites by Chemical Vapor Infiltration (CVI), Journal of Chemistry and Materials Research, Vol. 3 , 2015, 38–42. *http://www.oricpub.com/Vol.%203,%202015,%2038-42.pdf*

4. M. Athmani, A. AL-Rjoub, D. Cavaleiro, A. Chala, A. Cavaleiro, F. Fernandes, Microstructural, mechanical, thermal stability and oxidation behavior of TiSiN/CrVxN multilayer coatings deposited by D.C. reactive magnetron sputtering, Surf. Coat. Technol. 405 (2021) 126593. *https://doi.org/10.1016/j.surfcoat.2020.126593.*

5. Hongbo Ju, Moussa Athmani, Jing Luan, Abbas AL-Rjoub, Albano Cavaleiro, Talha Bin Yaqub, Abdelouahad Chala, Fabio Ferreira and Filipe Fernandes, Insights into the oxidation resistance mechanism and tribological behaviors of multilayered TiSiN/CrVxN hard coatings, Int. J. Miner. Metall. Mater.,(2023). *https://doi.org/10.1007/s12613-023-2655-0*

6. M. Athmani; FanLin Kong; Hongbo Ju; Jing Luan; Chengke Zhang; Bingyang Ma; Albano Cavaleiro; Filipe Fernandes, RF magnetron sputtered Nb–V–N composite coatings for high-temperature self-lubricant applications, Vacuum, Volume 219, Part A, January 2024, 112657. *https://doi.org/10.1016/j.vacuum.2023.112657*