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MINISTRY OF HIGHER EDUCATION AND  
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# Publications of Dr. Benlahmidi Said

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Title	Link
Design optimization of cutting parameters when turning hardened AISI H11 steel (50 HRC) with CBN7020 tools	<a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:zYLM7Y9cAGgC">https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:zYLM7Y9cAGgC</a>
Performance comparison of wiper and conventional ceramic inserts in hard turning of AISI 4140 steel: analysis of machining forces and flank wear	<a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:u-x6o8ySG0sC">https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:u-x6o8ySG0sC</a>
Comparative assessment of machining environments (dry, wet and MQL) in hard turning of AISI 4140 steel with CC6050 tools	<a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:d1gkVwhDpl0C">https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:d1gkVwhDpl0C</a>
Surface roughness evaluation of various cutting materials in hard turning of AISI H11	<a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:qjMakFHDy7sC">https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:qjMakFHDy7sC</a>
Classification of surface defects on steel strip images using convolution neural network and support vector machine	<a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:FxGoFyzp5QC">https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:FxGoFyzp5QC</a>
Etude du séchage convectif par l'énergie solaire des produits rouges	<a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:u5HHmVD_uO8C">https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:u5HHmVD_uO8C</a>
Study of convective drying by solar energy red products	<a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:W7OEmFMyl1HYC">https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:W7OEmFMyl1HYC</a>
Automatic surface defect recognition for hot-rolled steel strip using AlexNet convolutional neural network	<a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:UebtZRa9Y70C">https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:UebtZRa9Y70C</a>
Réalisation d'une interface de simulation des performances des isolateurs plans	<a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:IjCSPb-OGe4C">https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:IjCSPb-OGe4C</a>
An automatic system for surface defect classification of hot rolled steel based on GLMC-PCA-ANN	<a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:Se3iqnhoufwC">https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:Se3iqnhoufwC</a>
Modelling of cutting force in dry hard turning of X38CRMOV5-1 machined by multilayer coated carbide GC3015 using TAGUCHI technique	<a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:LkGwnXOMwfcC">https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:LkGwnXOMwfcC</a>
Application de la Méthodologie de Surface de Réponse et L'Algorithme Génétique en tournage dur pour optimiser les paramètres d'entrée sur les indicateurs de performance d'usinage	<a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:roLk4NBRz8UC">https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:roLk4NBRz8UC</a>

<p>Experimental investigation and modeling of cutting force and surface roughness in hard turning of AISI H11 steel with coated and uncoated ceramic tools using taguchi plan and ...</p>	<p><a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:ufrVoPGSRksC">https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:ufrVoPGSRksC</a></p>
<p>Modeling of surface roughness in dry hard turning of X38CrMoV5-1 machined by coated carbide GC3015 using Taguchi technique</p>	<p><a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:WF5omc3nYNoC">https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:WF5omc3nYNoC</a></p>
<p>Etude du séchage convectif par l'énergie solaire des produits rouges</p>	<p><a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:Tyk-4Ss8FVUC">https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:Tyk-4Ss8FVUC</a></p>
<p>Study of convective drying by solar energy products red</p>	<p><a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:Y0pCki6q_DkC">https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:Y0pCki6q_DkC</a></p>
<p>Simulation des performances des insolateurs plans en vue de la valorisation du gisement solaire en Algérie</p>	<p><a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:9yKSN-GCB0IC">https://scholar.google.com/citations?view_op=view_citation&amp;hl=fr&amp;user=DboiozcAAAAJ&amp;citation_for_view=DboiozcAAAAJ:9yKSN-GCB0IC</a></p>