

Code couleur par axe de recherche :

En brun : « Spécification géométrique »

En vert : « Biomécanique »

En bleu : « Tenue service »

En grenat : « Conception Bio-inspirée »

Acceptés et publiés :

1. C. AUDIBERT, J. CHAVES-JACOB, **J.M. LINARES**, Q.A. LOPEZ, Bio-inspired method based on bone architecture to optimize the structure of mechanical workpieces, *Materials & Design*, Vol. 160, (2018), 708-717. **Impact Factor: 4.525, Q1**
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10. M. MOUMEN, J. CHAVES-JACOB, M. BOUAZIS, **J.M. LINARES**, Optimization of pre-polishing parameters on a 5-axis milling machine, *International Journal of Advanced Manufacturing Technology*, Vol.85(1-4), (2016), 443-454. **Impact Factor 2016: 1.568, Q2**
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2. S. BOUKEBBAB, **J.M. LINARES**, M.S. BOUHLALIB, J.M. SPRAUEL, Inspection of mechanical tolerance by using the virtual gauge on a coordinate measuring machine, Recent Patents on Computer Science, Bentham Science Publishers, Vol.2, (2009), 135-144. **Impact Factor SJR 0.220**

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5. A. DAYMI, M. BOUJELBENE, **J.M. LINARES**, E. BAYRAKTAR, A. BEN AMARA Influence of workpiece inclination angle on the surface roughness in ball end milling of titanium alloy Ti-6Al-4V, Journal of Achievements in Materials and Manufacturing Engineering, Vol.35/1, (2009), 79-86.
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• *Ouvrages individuels et direction d'ouvrages collectifs*

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• *Chapitres dans ouvrages ou livres :*

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- *Brevets, licences, logiciels :*

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• *Actes publiés de conférences internationales, congrès et colloques... :*

1. S. LE CANN, J. CHAVES-JACOB, J.M ROSSI, **J.M. LINARES**, P. CHABRAND, New Experimental Protocol to Study Wear in Flexible Spinal Devices, Prague, Czech Republic, European Society of Biomechanics Conference, July 2015
2. **J.M. LINARES**, J.M. SPRAUEL, Simulation method to estimate the uncertainties of ISO specifications, Advanced Mathematical and Computational Tools in Metrology and Testing, St.Petersburg, Russia, 9 and 10-12 September 2014.
3. N. AZZAM, S. BOUKEBBAB, J. CHAVES-JACOB, and **J.M. LINARES**, Adaptation trajectory in five axes machine to manufacture orthopedic prostheses, AIP Conference Proceedings, 1618, 639 (2014); Doi: 10.1063/1.4897822.
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5. **J.M. LINARES**, J.M. SPRAUEL and T.B. WANG, A modified Jack-knife method to estimate the uncertainties of ISO 1101 specifications, 13th CIRP Conference on Computer Aided Tolerancing, Hangzhou, 12-14 May 2014.
6. S. BOUKEBBAB, M. BOULAHLIB, N. AZZAM, **J.M. LINARES**, Development of a procedure for total knee alignment prostheses using improved Iterative Closest Point (ICP) algorithm, 7th International Conference on Thermal Engineering (ICTEA) will be held from May 6 to May 8, 2014 in Marrakesh, Morocco., Marrakesh, Morocco, May 2014.
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8. L. ROSSI, J. MAILHÉ, **J.M. LINARES**, P. HOUVET, P. Le HIR, Method to determine bones relative displacements using a CT scan: Application to scaphoid and lunate bones, 19th Congress of the European Society of Biomechanics, Patras, 25-26 August 2013.
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