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- F. EZEDINE, J.M. LINARES, J.M. SPRAUEL, **J. CHAVES-JACOB**, *Smart sequential multilateration measurement strategy for volumetric error compensation of an extra-small machine tool*, Precision Engineering, Vol. 43, 2016, pp 178-186
- M. LECOCQ, M.S. FELIX, J.M. LINARES, **J. CHAVES-JACOB**, P. DECHERCHI, E. DOUSSET, *Titanium Implant Impairment and Surrounding Muscle Cell Death Following High-Salt Diet: An In Vivo Study*, Plos One, Vol. 11, N° 1, 2016, DOI: 10.1371/journal.pone.0146873
- M. MOUMEN, **J. CHAVES-JACOB**, M. BOUAZIZ, J.M. LINARES, *Optimization of pre-polishing parameters on a 5-axis milling machine*, International Journal of Advanced Manufacturing Technology, Published Online 15/10/2015, DOI 10.1007/s00170-015-7944-y
- J. CHAVES-JACOB**, J.M. LINARES, J.M. SPRAUEL, *Control of the contact force in a pre-polishing operation of free-form surfaces realised with a 5-axis CNC machine*, CIRP Annals-Manufacturing Technology, Vol. 64, N°1, 2015, pp. 309-312.
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- J. CHAVES-JACOB**, J.M. LINARES, J.M. SPRAUEL, *Improving tool wear and surface covering in polishing via toolpath optimization*, Journal of Materials Processing Technology, Vol. 213, N°10, 2013 pp. 1661-1668.
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- S. LE CANN, **J. CHAVES-JACOB**, J.M. ROSSI, J.M. LINARES, P. CHABRAND, *New Experimental Protocol to Study Wear in Flexible Spinal Devices*, 21st Congress of the European Society of Biomechanics, Prague, Czech Republic, July 2015.
- N. AZZAM, S. BOUKEBBAB, **J. CHAVES-JACOB**, J.M. LINARES, *Adaptation trajectory in five axes machine to manufacture orthopedic prostheses*, ICCMSE 2014, Athens, Greece, april 2014.
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**Participations GDR, plates formes-technologiques, autres ... :**

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