

## Laurent DANIEL : publications et communications

### Articles dans des revues internationales avec comité de lecture \*

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- [RI.118] C. Babori, M. Barati, L. Daniel, "An energy-based model for ferroelectric ceramics", *European Journal of Mechanics - A/Solids*, **103** : 105151, 2024.
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- [RI.116] M. Lopes Leal Junior, L. Pino, M. Barati, L. Saint-Sulpice, L. Daniel, S. Arbab Chirani, "Modeling of functional fatigue of SMA-based actuators under thermomechanical loading and Joule heating", *International Journal of Fatigue*, **179** : 108055, 2024.
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- [RI.109] M. Domenjoud, A. Pecheux, L. Daniel, "Characterization and multiscale modeling of the magneto-elastic behavior of Galfenol", *IEEE Transactions on Magnetics*, **59(11)** : 2500505, 2023.
- [RI.108] S. Ghenna, Y. Bernard, L. Daniel, "Design and experimental analysis of a high force piezoelectric linear motor", *Mechatronics*, **89** : 102928, 2023.
- [RI.107] M. Lopes Leal Junior, L. Pino, M. Barati, L. Saint-Sulpice, L. Daniel, S. Arbab Chirani, "Electric resistivity evolution in NiTi alloys under thermomechanical loading : phase proportioning, elasticity and plasticity effects", *Smart Materials and Structures*, **32(6)** : 065002, 2023.
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\*. Certaines de ces références sont téléchargeables à l'adresse <http://www.geeps.centralesupelec.fr/ldaniel>

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