

Felix Zajac

Professor (Research) of Mechanical Engineering and of Orthopaedic Surgery,
Emeritus

Bio

ACADEMIC APPOINTMENTS

- Emeritus Faculty, Acad Council, Mechanical Engineering

Publications

PUBLICATIONS

- **All joint moments significantly contribute to trunk angular acceleration** *JOURNAL OF BIOMECHANICS*
Nott, C. R., Zajac, F. E., Neptune, R. R., Kautz, S. A.
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2010; 103 (2): 844-857
- **Author's Response to Comment on "Contributions of the individual ankle plantar flexors to support, forward progression and swing initiation during walking" (Neptune et al., 2001) and "Muscle mechanical work requirements during normal walking: The energetic cost of raising the body's center-of-mass is significant" ().** *Journal of biomechanics*
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2009; 42 (11): 1786-1789
- **Effect of equinus foot placement and intrinsic muscle response on knee extension during stance** *GAIT & POSTURE*
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Higginson, J. S., Zajac, F. E., Neptune, R. R., Kautz, S. A., Delp, S. L.
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Kautz, S. A., Brown, D. A., Van der Loos, H. F., Zajac, F. E.
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- **Understanding muscle coordination of the human leg with dynamical simulations** *JOURNAL OF BIOMECHANICS*
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