

PUBLICATIONS ON INTERNATIONAL JOURNALS

1. F.J.H. Nauta, H.W.L. de Beaufort, M. Conti, S. Marconi, A.V. Kamman, A. Ferrara, J.A. van Herwaarden, F.L. Moll, F. Auricchio, S. Trimarchi. "Impact of thoracic endovascular aortic repair on radial strain in an ex vivo porcine model". *European Journal of Cardio-Thoracic Surgery* (2017)
2. G. Balduzzi, M. Aminbaghai, F. Auricchio, J. Füssl. "Planar Timoshenko-like model for multilayer non-prismatic beams", *International Journal of Mechanics and Materials in Design*, pp. 1-20 (2017)
3. R. Dorati, A. De Trizio, S. Marconi, A. Ferrara, F. Auricchio, I. Genta, T. Modena, M. Benazzo, A. Benazzo, G. Volpato, B.Conti. "Design of a Bioabsorbable Multilayered Patch for Esophagus Tissue Engineering", *Macromolecular Bioscience* (2017), doi: 10.1002/mabi.201600426
4. E. Massoni, L. Silvestri, G. Alaimo, S. Marconi, M. Bozzi, L. Perregrini, F. Auricchio. "3D-Printed Substrate Integrated Slab Waveguide for Single-Mode Bandwidth Enhancement", *IEEE Microwave and Wireless Components Letters* (2017)
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6. S. Marconi, L. Pugliese, M. Botti, A. Peri, E. Cavazzi, F. Auricchio, A. Pietrabissa. "Value of 3D-printing for the comprehension of surgical anatomy", *Article in Press on Surgical Endoscopy* (2017)
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11. F. Auricchio, L.B. da Veiga, J. Kiendl, C. Lovadina, A. Reali. "Isogeometric collocation mixed methods for rods", *Discrete and Continuous Dynamical Systems-Series S* , 9 (1): 33-42 (2016)
12. F. Auricchio, A. Constantinescu, M. Conti, G. Scalet. "Fatigue of Metallic Stents: From Clinical Evidence to Computational Analysis", *Annals of Biomedical Engineering*, 44 (2): 287-301 (2016)
13. F. Auricchio, E. Boatti, A. Reali, U. Stefanelli. "Gradient structures for the thermomechanics of shape-memory materials", *Computer Methods In Applied Mechanics and Engineering*, 299: 440-469 (2016)
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