# Juan G. Victores

### Journal Articles (20)

- Raul Fernandez-Fernandez, Juan G Victores, Jennifer J Gago, David Estevez, and Carlos Balaguer. Neural Policy Style Transfer. Cognitive Systems Research, 72:23–32, 2022. ISSN 1389-0417. doi: https://doi.org/10.1016/j.cogsys.2021.11.003. URL https://www.sciencedirect.com/science/article/pii/S1389041721000838 [robot] [xgnitive: cgda] (Q2)
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- 8. Elisabeth Menendez, Juan G. Victores, Roberto Montero, Santiago Martínez, and Carlos Balaguer. Tunnel structural inspection and assessment using an autonomous robotic system. *Automation in Construction*, 87:117–126, mar 2018. ISSN 09265805. doi: 10.1016/j.autcon.2017.12.001. URL https://doi.org/10.1016/j.autcon.2017.12.001 [robot] [construction] (Q1)
- 9. Eugenio Marinetto, Juan G. Victores, Mónica García-Sevilla, Mercedes Muñoz, Felipe Ángel Calvo, Carlos Balaguer, Manuel Desco, and Javier Pascau. Technical Note: Mobile accelerator guidance using an optical tracker during docking in IOERT procedures. *Medical Physics*, 44(10):5061–5069, 2017. ISSN 2473-4209. doi: 10.1002/mp.12482. URL http://dx.doi.org/10.1002/mp.12482 [robot] [medical] (Q1)

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- 2. Juan G. Victores, Santiago Martinez, Alberto Jardón, and Carlos Balaguer. Tool and method for the automatic remote application of strips of fibre-reinforced polymer tape, comprising the dispensing of epoxy adhesive, 2011b. URL http://www.google.im/patents/W02011138481A1?cl=en [robot] [construction]

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- 5. Santiago Morante, Juan G. Victores, Santiago Martínez, and Carlos Balaguer. Force-sensorless friction and gravity compensation for robots. In *Advances in Intelligent Systems and Computing*, volume 418, chapter Robot 2015. Springer International Publishing, 2015c. ISBN 9783319271484. doi: 10.1007/978-3-319-27149-1\_5 [robot] [modelling]
- 6. Alberto Jardón, Félix R. Cañadillas, Juan G. Victores, Santiago Martínez, and Carlos Balaguer. A Review of Eight Years of CEABOT Contest: A National Wide Mini Humanoids Competition. In Manuel A. Armada, Alberto Sanfeliu, and Manuel Ferre, editors, ROBOT2013: First Iberian Robotics Conference, pages 41–52. Springer International Publishing, 2014a. ISBN 978-3-319-03652-6. doi: 10. 1007/978-3-319-03653-3\_4. URL http://dx.doi.org/10.1007/978-3-319-03653-3\_4 [robot] [contests]
- 7. Juan G. Victores, Félix R. Cañadillas, Santiago Morante, Alberto Jardón, and Carlos Balaguer. Assistive Robot Multi-modal Interaction with Augmented 3D Vision and Dialogue. In Manuel A.

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- 2. Jennifer J. Gago, Valentina Vasco, Bartek Łukawski, Ugo Pattacini, Vadim Tikhanoff, Juan G. Victores, and Carlos Balaguer. Sequence-to-Sequence Natural Language to Humanoid Robot Sign Language. In *EUROSIM* 2019, page 44, Logroño, jul 2019b. ARGESIM. ISBN 978-3-901608-92-6. doi: 10.11128/arep.58. URL https://www.doi.org/10.11128/arep.58 [robot] [sign-language]
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- 6. Raul Fernandez-Fernandez, Juan G. Victores, David Estevez, and Carlos Balaguer. Robot Imitation through Vision, Kinesthetic and Force Features with Online Adaptation to Changing Environments. In 2018 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS), pages 6546–6551, Madrid, 2018b. IEEE. ISBN 978-1-5386-8094-0. doi: IROS.2018.8593724. URL https://doi.org/10.1109/IROS.2018.8593724 [robot] [xgnitive: cgda]
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# PhD Thesis (Advisor)

1. Santiago Morante. Continuous Goal-Directed Actions: Advances in Robot Learning. PhD thesis, Universidad Carlos III de Madrid, mar 2016. URL http://e-archivo.uc3m.es/handle/10016/23459

# Research Stays (2)

Oct. 2018 – The University of Manchester. Cognitive Robotics Lab.

Jan. 2019 Estancia de 3 meses destinado a la investigación del uso de Deep Learning para el estudio de conceptos abstractos con el robot iCub (Manchester, UK).

Sept. 2011 – **Istituto Italiano di Tecnologia**. Department of Robotics, Brain and Cognitive Sciences.

Dic. 2011 Estancia de 3 meses destinado a la investigación del uso de Support Vector Machines y Gaussianas mixtas para el control en fuerza del robot iCub (Génova, Italia).

## Workshop Organizer (2)

- 1. Juan G. Victores, Lorenzo Natale, Eiichi Yoshida. Towards Humanoid Robots OS. HUMANOIDS. Cancun, Mexico. Nov 15. 2016. https://roboticslab-uc3m.github.io/workshop-humanoids2016/
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