

Nadia Magnenat Thalmann

Publications

Refereed Papers in International Journals

1. Zabulis, X.; Partarakis, N.; Meghini, C.; Dubois, A.; Manitsaris, S.; Hauser, H.; Magnenat Thalmann, N.; Ringas, C.; Panesse, L.; Cadi, N.; Baka, E.; Beisswenger, C.; Makrygiannis, D.; Glushkova, A.; Padilla, B.E.O.; Kaplanidi, D.; Tasiopoulou, E.; Cuenca, C.; Carre, A.-L.; Nitti, V.; Adami, I.; Zidianakis, E.; Doulgeraki, P.; Karouzaki, E.; Bartalesi, V.; Metilli, D. [A Representation Protocol for Traditional Crafts](https://doi.org/10.3390/heritage5020040). *Heritage* 2022, 5, 716-741. <https://doi.org/10.3390/heritage5020040>
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3. Kow, F., Sinha, A. K., Ming, Z. J., Songyu, B., Kang, J. T. J., Jeffrey, H. Y. J., ... & Cai, Y. (2022). [MIDAS: Multi-sensorial Immersive Dynamic Autonomous System Improves Motivation of Stroke Affected Patients for Hand Rehabilitation](#). arXiv e-prints, arXiv-2203.
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8. Karuzaki, E., Partarakis, N., Patsiouras, N., Zidianakis, E., Katzourakis, A., Pattakos, A., Kaplanidi, D., Baka, E., Cadi, N., Magnenat-Thalmann, N. and Ringas, C., 2021. [Realistic Virtual Humans for Cultural Heritage Applications](#). *Heritage*, 4(4), pp.4148-4171.
9. Z. Bai, N. Yao, N. Mishra, H. Chen, H. Wang, N. Magnenat Thalmann, [Enhancing Emotional Experience by Building Emotional Virtual Characters in VR Volleyball Games](#). *Computer Animation and Virtual Worlds*, Special Issue Paper, DOI: 10.1002/cav.2008, May 31, 2021 (IF: 0.654)
10. L. Tian, H. Li, Q. Wang, X. Du, J. Tao, J.S Chong, N. Magnenat Thalmann, J. Zheng, [Towards Complex and Continuous Manipulation: A Gesture Based Anthropomorphic Robotic Hand Design](#), *IEEE Robotics and Automation Letters (RA-L)* DOI: 10.1109/LRA.2021.3076960, April 30, 2021 (IF: 3.6)
11. S. Senecal, N.A. Nidjdam, A. Aristidou, N. Magnenat Thalmann, [Salsa dance learning evaluation and motion analysis in gamified virtual reality environment](#), *Multimedia Tools and Applications* DOI: 10.1007/s11042-020-09192-y, June 2020 (IF 2.31)
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13. M. Ramanathan, W.-Y. Yau, N. Magnenat Thalmann and E. K. Teoh, [Mutually reinforcing motion-pose](#)

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14. M. Ramanathan, J. Kochanowicz and Nadia Magnenat Thalmann, [Combining Pose-Invariant Kinematic Features and Object Context Features for RGB-D Action Recognition](#), International Journal of Machine Learning & Computing, Singapore, DOI: 10.18178/ijmlc.2019.9.1.763 (online journal)
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 21. W. Gu, G. Seet, N. Magnenat Thalmann, [Perception-Link Behavior Model: Supporting a Novel Operator Interface for a Customizable Anthropomorphic Telepresence Robot](#), Robotics, Vol. 6, Issue 3, pp. 16, DOI: 10.3390/robotics6030016, July 20, 2017 (open access journal)
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