# Dalia De Santis

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 22 papers | 240 citations | 1307594 7 h-index | 1199594 12 g-index |
| 24 all docs | 24 docs citations | 24 times ranked | 232 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A Framework for Optimizing Co-adaptation in Body-Machine Interfaces. Frontiers in Neurorobotics, 2021, 15, 662181. | 2.8 | 12 |
| 2 | Building an adaptive interface via unsupervised tracking of latent manifolds. Neural Networks, 2021, 137, 174-187. | 5.9 | 11 |
| 3 | Guiding functional reorganization of motor redundancy using a body-machine interface. Journal of NeuroEngineering and Rehabilitation, 2020, 17, 61. | 4.6 | 9 |
| 4 | A hybrid Body-Machine Interface integrating signals from muscles and motions. Journal of Neural Engineering, 2020, 17, 046004. | 3.5 | 18 |
| 5 | Designing Visual Feedback to Reshape Muscle Coordination. Biosystems and Biorobotics, 2019, , 1034-1038. | 0.3 | 0 |
| 6 | Unsupervised Coadaptation of an Assistive Interface to Facilitate Sensorimotor Learning of Redundant Control. , 2018, , . | | 4 |
| 7 | Skill Learning and Skill Transfer Mediated by Cooperative Haptic Interaction. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 832-843. | 4.9 | 36 |
| 8 | Transferring knowledge during dyadic interaction: The role of the expert in the learning process. , 2016, 2016, 2149-2152. | | 7 |
| 9 | Motor control strategies in the bimanual stabilization of an unstable virtual tool. , 2015, 2015, 3472-5. | | 0 |
| 10 | Dealing with instability in bimanual and collaborative tasks. , 2015, 2015, 1417-20. | | 3 |
| 11 | Proprioceptive Bimanual Test in Intrinsic and Extrinsic Coordinates. Frontiers in Human Neuroscience, 2015, 9, 72. | 2.0 | 14 |
| 12 | Strategy Switching in the Stabilization of Unstable Dynamics. PLoS ONE, 2014, 9, e99087. | 2.5 | 35 |
| 13 | Testing proprioception in intrinsic and extrinsic coordinate systems: Is there a difference?. , 2014, 2014, 6961-4. | | 7 |
| 14 | Human-human physical interaction in the joint control of an underactuated virtual object. , 2014, 2014, 4407-10. | | 6 |
| 15 | Stabilization strategies for unstable dynamics. Journal of Electromyography and Kinesiology, 2014, 24, 803-814. | 1.7 | 16 |
| 16 | Exploiting the link between action and perception: Minimally assisted robotic training of the kinesthetic sense. , 2014, , . | | 2 |
| 17 | Characterizing the human-robot haptic dyad in robot therapy of stroke survivors. International Journal of Intelligent Computing and Cybernetics, 2014, 7, 267-288. | 2.7 | 0 |
| 18 | Robot-Assisted Training of the Kinesthetic Sense: Enhancing Proprioception after Stroke. Frontiers in Human Neuroscience, 2014, 8, 1037. | 2.0 | 45 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Enhancing Recovery of Sensorimotor Functions: The Role of Robot Generated Haptic Feedback in the Re-learning Process. Trends in Augmentation of Human Performance, 2014, , 285-316. | 0.4 | 5 |
| 20 | Do Humanoid Robots Need a Body Schema?. Advances in Intelligent Systems and Computing, 2013, , 109-115. | 0.6 | 2 |
| 21 | Pulsed assistance: A new paradigm of robot training. , 2013, 2013, 6650504. | | 6 |
| 22 | Using the Functional Reach Test for Probing the Static Stability of Bipedal Standing in Humanoid Robots Based on the Passive Motion Paradigm. Journal of Robotics, 2013, 2013, 1-8. | 0.9 | 0 |