

Anna Lisa Ciancio

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,656
citations

1039406

9
h-index

1199166

12
g-index

15
all docs

15
docs citations

15
times ranked

1978
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Restoring Natural Sensory Feedback in Real-Time Bidirectional Hand Prostheses. <i>Science Translational Medicine</i> , 2014, 6, 222ra19. | 5.8 | 805 |
| 2 | Literature Review on Needs of Upper Limb Prosthesis Users. <i>Frontiers in Neuroscience</i> , 2016, 10, 209. | 1.4 | 467 |
| 3 | Restoring tactile sensations via neural interfaces for real-time force-and-slippage closed-loop control of bionic hands. <i>Science Robotics</i> , 2019, 4, . | 9.9 | 112 |
| 4 | Control of Prosthetic Hands via the Peripheral Nervous System. <i>Frontiers in Neuroscience</i> , 2016, 10, 116. | 1.4 | 93 |
| 5 | Differences between kinematic synergies and muscle synergies during two-digit grasping. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 165. | 1.0 | 51 |
| 6 | Learning by Demonstration for Motion Planning of Upper-Limb Exoskeletons. <i>Frontiers in Neurorobotics</i> , 2018, 12, 5. | 1.6 | 45 |
| 7 | Interplay of Rhythmic and Discrete Manipulation Movements During Development: A Policy-Search Reinforcement-Learning Robot Model. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2016, 8, 152-170. | 2.6 | 15 |
| 8 | Multilevel control of an anthropomorphic prosthetic hand for grasp and slip prevention. <i>Advances in Mechanical Engineering</i> , 2016, 8, 168781401666508. | 0.8 | 14 |
| 9 | Hierarchical reinforcement learning and central pattern generators for modeling the development of rhythmic manipulation skills. , 2011, , . | | 10 |
| 10 | A vibrotactile stimulation system for improving postural control and knee joint proprioception in lower-limb amputees. , 2017, , . | | 10 |
| 11 | Evoking Apparent Moving Sensation in the Hand via Transcutaneous Electrical Nerve Stimulation. <i>Frontiers in Neuroscience</i> , 2020, 14, 534. | 1.4 | 10 |
| 12 | The Role of Learning and Kinematic Features in Dexterous Manipulation: A Comparative Study with Two Robotic Hands. <i>International Journal of Advanced Robotic Systems</i> , 2013, 10, 340. | 1.3 | 9 |
| 13 | Spike detection: The first step towards an ENG-based neuroprosheses. <i>Journal of Neuroscience Methods</i> , 2018, 308, 294-308. | 1.3 | 8 |
| 14 | Sensorimotor integration within the primary motor cortex by selective nerve fascicle stimulation. <i>Journal of Physiology</i> , 2022, 600, 1497-1514. | 1.3 | 6 |
| 15 | Accuracy Optimization of the Spike Sorting Algorithm for Classification of Neural Signals. , 2018, , . | | 1 |