Resource Summary Report

Generated by NIF on Apr 27, 2025

BioRobotics Laboratory

RRID:SCR_007176
Type: Tool

Proper Citation

BioRobotics Laboratory (RRID:SCR_007176)

Resource Information

URL: http://biorobotics.org

Proper Citation: BioRobotics Laboratory (RRID:SCR_007176)

Description: This is portal takes you to the BioRobotics Laboratory website. Keywords: Laboratory, Software, Robot, Robotics, Biology,

Synonyms: BioRobotics

Resource Type: data or information resource, organization portal, laboratory portal, portal

Funding:

Resource Name: BioRobotics Laboratory

Resource ID: SCR_007176

Alternate IDs: nif-0000-30189

Record Creation Time: 20220129T080240+0000

Record Last Update: 20250426T055918+0000

Ratings and Alerts

No rating or validation information has been found for BioRobotics Laboratory.

No alerts have been found for BioRobotics Laboratory.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 73 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Bruel A, et al. (2025) Role and modulation of various spinal pathways for human upper limb control in different gravity conditions. PLoS computational biology, 21(1), e1012069.

Bruel A, et al. (2024) The spinal cord facilitates cerebellar upper limb motor learning and control; inputs from neuromusculoskeletal simulation. PLoS computational biology, 20(1), e1011008.

Gloger S, et al. (2024) Perioperative Rates of Incidental Prostate Cancer after Aquablation and Holmium Laser Enucleation of the Prostate. Urologia internationalis, 108(5), 449.

Rahman M, et al. (2024) Development of a Three-Finger Adaptive Robotic Gripper to Assist Activities of Daily Living. Designs, 8(2).

Deichsel A, et al. (2024) A Flat Reconstruction of the Medial Collateral Ligament and Anteromedial Structures Restores Native Knee Kinematics: A Biomechanical Robotic Investigation. The American journal of sports medicine, 52(13), 3306.

Penna MF, et al. (2024) A muscle synergies-based controller to drive a powered upper-limb exoskeleton in reaching tasks. Wearable technologies, 5, e14.

Mustieles-Del-Ser P, et al. (2024) Immunoanalytical Detection of Conserved Peptides: Refining the Universe of Biomarker Targets in Planetary Exploration. Analytical chemistry, 96(12), 4764.

Ferrari A, et al. (2024) Nursing and midwifery simulation training with a newly developed low-cost high-fidelity placenta simulator: a collaboration between Italy and Ethiopia. BMC medical education, 24(1), 1191.

Grazi L, et al. (2024) Passive shoulder occupational exoskeleton reduces shoulder muscle coactivation in repetitive arm movements. Scientific reports, 14(1), 27843.

Romano D, et al. (2023) How aggressive interactions with biomimetic agents optimize reproductive performances in mass-reared males of the Mediterranean fruit fly. Biological cybernetics, 117(3), 249.

Tannous M, et al. (2023) A Deep-Learning-Based Detection Approach for the Identification of Insect Species of Economic Importance. Insects, 14(2).

Morales LD, et al. (2023) Acidic pH modulates Burkholderia cenocepacia antimicrobial susceptibility in the cystic fibrosis nutritional environment. Microbiology spectrum, 11(6), e0273123.

Saha N, et al. (2022) Inhibitory monoclonal antibody targeting ADAM17 expressed on cancer cells. Translational oncology, 15(1), 101265.

Molakandov K, et al. (2021) Selection for CD26- and CD49A+ Cells From Pluripotent Stem Cells-Derived Islet-Like Clusters Improves Therapeutic Activity in Diabetic Mice. Frontiers in endocrinology, 12, 635405.

Luo C, et al. (2021) Insights From Y-STRs: Forensic Characteristics, Genetic Affinities, and Linguistic Classifications of Guangdong Hakka and She Groups. Frontiers in genetics, 12, 676917.

Rovini E, et al. (2021) A wearable ring-shaped inertial system to identify action planning impairments during reach-to-grasp sequences: a pilot study. Journal of neuroengineering and rehabilitation, 18(1), 118.

Pilla A, et al. (2020) Robotic Rehabilitation and Multimodal Instrumented Assessment of Post-stroke Elbow Motor Functions-A Randomized Controlled Trial Protocol. Frontiers in neurology, 11, 587293.

Mo X, et al. (2020) Effect of Substrates' Compliance on the Jumping Mechanism of Locusta migratoria. Frontiers in bioengineering and biotechnology, 8, 661.

Rovini E, et al. (2020) A Wearable System to Objectify Assessment of Motor Tasks for Supporting Parkinson's Disease Diagnosis. Sensors (Basel, Switzerland), 20(9).

Elterman D, et al. (2020) Transfusion rates after 800 Aquablation procedures using various haemostasis methods. BJU international, 125(4), 568.