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1 Arends, Andrew	Spaceflight Exercise and Textile Laundering Machine for Improved Human Health
2 Battraw, Marcus	Assessing Hand Grasp Representations in Children with Congenital Upper Limb Deficiencies
3 Dougherty, Connor	A Proximity-labeling Tool for Probing the Intracellular Signaling Cascades of Addiction
4 Evangelista, Rocelle	Assessing the Stability of Effectivity Forebrain Connectivity: Single Patient Case Study
5 Fitzgerald, Justin	Quantifying Motor Control in Children with Unilateral Congenital Below the Elbow Limb Deficiency
6 Foray, Katherine	Understanding the effect of noise on short-term motor adaptation to physical perturbations
7 Girardi, Gregory	Cultured Vagal Afferent Neurons as Sensors for Intestinal Effector Molecules
8 Gowda, Harshavardhana	Fair and Inclusive EMG Decoding of Wrist Gestures Using Riemannian Geometry
9 Hong, Kihun	Characterizing Prosthetic Embodiment: the Development of a Sensorimotor Robotic Platform
10 Kanapskyte, Ada	Development of a Testbed to Assess Human Learning During Robotic Control
11 Kim, Hyehyun	Rat Primary Cell Tri-Culture to Study Microglia Function Under Amyloid-beta Exposure and Electrical Stimulation
12 Komijani, Saeedeh	A Machine Learning Approach to Longitudinal Study of Irritability using Reward-Processing Brain Imaging Data
13 Korte, Jessica	Analysis of cerebellum for correlation with learning mechanisms
14 McGuirk, Theresa	Is Very Slow Walking a Distinct Gait?
15 McNeely-White, Katherine	A Virtual Reality Paradigm for Investigating Spatial Cognition and Memory Retrieval Processes
16 Moukarzel, Anna Rita	Closing the Loop: A Vibration Feedback Device to Restore Movement Sensation for Amputees
17 Patil, Mandar	Characterizing Functional Neural Activity Using High Density Microelectrode Arrays
18 Rosenberg, Lucie	A Reconfigurable Electrophysiology Headplate for Reproducible Implantation of EEG, EMG, and Depth Electrodes in Mice
19 Roshgadol, Jacob	Shining a Light On Dopamine During Decision Making
20 Tang, Xuchang	Leveraging Gaussian Process Classification for Seizure Prediction Using Brain Coherence Measures
21 Valdes, Phoebe	Integrative multiomics reveals common endotypes across <i>PSEN1</i> , <i>PSEN2</i> , and <i>APP</i> mutations in early-onset familial Alzheimer's disease
22 Weiner, Adam	Movement-related Differences in Paired Associative Stimulation Induced Neuroplasticity
23 Winslow, Eden	Utilizing a Portable Motion Capture System for Pediatric Prosthetic Proportional Position Control
24 Yi, Weigang	fMRI Deconvolution Toolbox: Separating Overlapping Responses in Non-Randomized Alternating Event-Related fMRI Designs in Cognitive Neuroscience
25 Young, Peyton	Investigating Force Changes during Hand Gestures: Towards Improved Upper Limb Prosthesis Control and Comfort
26 Zhang, Run	Engineering activity-dependent tools for tagging activated neural ensembles