



NRP News basket

Articles

Flesher, S. N. et al. (2021). [A brain-computer interface that evokes tactile sensations improves robotic arm control](#), Science.

Kieliba, P. and van Gerven, M. (2021). [Robotic hand augmentation drives changes in neural body representation](#), Science Robotics.

Hendrycks, D. et al. (2021). [Measuring Coding Challenge Competence With APPS](#), arXiv.org.

Tsai, Y. et al. (2021). [DROID: Minimizing the Reality Gap using Single-Shot Human Demonstration](#), arXiv.org.

Jagtap, A. D. et al. (2021). [Deep Kronecker neural networks: A general framework for neural networks with adaptive activation functions](#), arXiv.org.

Siekmann, J. et al. (2021). [Blind Bipedal Stair Traversal via Sim-to-Real Reinforcement Learning](#), arXiv.org.

Abolghasemi, M. et al. (2021). [How to effectively use machine learning models to predict the solutions for optimization problems: lessons from loss function](#), arXiv.org.

Satpathi, S. and Srikant, R. (2021). [The Dynamics of Gradient Descent for Overparametrized Neural Networks](#), arXiv.org.

[Can Machines Control Our Brains?](#), Quanta Magazine, May 2021.

Resources

M. Humphries (2021). *The Spike: An Epic Journey Through the Brain in 2.1 Seconds* [book].

[Epistemological Lessons from the Blue and Human Brain Projects](#), eNeuro.

[20 May 2021] New AI4EU website launched and available here, <https://www.ai4europe.eu/>

