



# NRP News basket

---

## Articles

Underwood, E. (2021). [Newly detailed nerve links between brain and other organs shape thoughts, memories, and feelings](#), Science Magazine.

Wunderlich, T.C. and Pehle, C. (2021). [Event-based backpropagation can compute exact gradients for spiking neural networks](#), Nature.

Béna, G. and Goodman, D.F.M. (2021). [Extreme sparsity gives rise to functional specialization](#), arXiv.org.

Nieh, E. H. et al. (2021). [Geometry of abstract learned knowledge in the hippocampus](#), Nature.

Li, X. (2021). [CODA: Constructivism Learning for Instance-Dependent Dropout Architecture Construction](#), arXiv.org.

Shi, S. et al. (2021). [AdaGCN: Adaptive Boosting Algorithm for Graph Convolutional Networks on Imbalanced Node Classification](#), arXiv.org.

Cohen-Addad, V. et al. (2021). [Correlation Clustering in Constant Many Parallel Rounds](#), arXiv.org.

Olin-Ammentopr, W. and Bazhenov, M. (2021). [Bridge Networks](#), arXiv.org.

[AugLy: A new data augmentation library to help build more robust AI models](#), Facebook AI blog, June 2021.

## Resources

[Some Maths Resources to Help You in Your ML Journey](#) [TowardsAI].

[Understanding Tensor Dimensions in Deep Learning models with Pytorch](#) [TowardsAI].

[Understand Optimizers in Deep Learning](#) [TowardsAI].

[What is AI?](#) – [podcast].

