Liste complète des publications

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1 Articles de revues en cours de révision

- A59 Jean-Nicolas Jérémie, Emmanuel Daucé et <u>Laurent U Perrinet</u>. « Retinotopy in CNN's implements Efficient Visual Search ». <u>In : Submitted (7 août 2023)</u>
- A58 Giacomo Benvenuti, Sandrine Chemla, Arjan Boonman, <u>Laurent U Perrinet</u>, Guillaume S Masson et Frédéric Y Chavane. « Anticipatory Responses along Motion Trajectories in Awake Monkey Area V1 ». en. In: *bioRxiv* (2020), p. 2020.03.26.010017. DOI: 10/ggqj77. (Visité le 31/03/2020)

2 Articles de revues internationales à comité de lecture

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- A57 Antoine GRIMALDI, Victor BOUTIN, Sio-Hoi IENG, Ryad BENOSMAN et <u>Laurent U PERRINET</u>.

 « A Robust Event-Driven Approach to Always-on Object Recognition ». In: *Neural Networks* 178 (1^{er} oct. 2024), p. 106415. DOI: 10.1016/j.neunet.2024.106415.

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- A56 Hugo Ladret, Christian Casanova et <u>Laurent U Perrinet</u>. « Kernel Heterogeneity Improves Sparseness of Natural Images Representations ». In: *Neuromorphic Computing and Engineering* (20 août 2024). DOI: 10.1088/2634-4386/ad5d0f. URL: https://iopscience.iop.org/article/10.1088/2634-4386/ad5d0f

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- A53 Antoine GRIMALDI et <u>Laurent U PERRINET</u>. « Learning heterogeneous delays in a layer of spiking neurons for fast motion detection ». In: *Biological Cybernetics* (11 sept. 2023). DOI: 10.1007/s00422-023-00975-8. URL: https://laurentperrinet.github.io/publication/grimaldi-23-bc/
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- A49 Victor BOUTIN, Angelo FRANCIOSINI, Frédéric Y CHAVANE et <u>Laurent U PERRINET</u>. « Pooling in a predictive model of V1 explains functional and structural diversity across species ». In: *PLoS Computational Biology* (18 juill. 2022). DOI: 10. 1371/journal.pcbi.1010270. URL: https://laurentperrinet.github.io/publication/franciosini-21
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3 Chapitres d'ouvrage à comité de lecture

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4 Thèses, projets et ouvrages

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