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 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
- A57 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)
- A56 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: *In revision* (15 juin 2023). URL: https://laurentperrinet.github.io/publication/grimaldi-23/

2 Articles de revues internationales à comité de lecture

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- A54 Amélie Gruel, Dalia Hareb, Antoine Grimaldi, Jean Martinet, <u>Laurent U Perrinet</u>, Bernabé Linares-Barranco et Teresa Serrano-Gotarredona. « Stakes of Neuromorphic Foveation: a promising future for embedded event cameras ». In: *Biological Cybernetics* (2023)
- 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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4 Thèses, projets et ouvrages

- B6 <u>Laurent U PERRINET</u>. « La vision comme processus prédictif : Une approche biomimétique ». Programme de recherche (concours DR CNRS). Centre National de la Recherche Scientifique, France, 7 jan. 2020. URL: https://laurentperrinet.github.io/publication/perrinet-20-dr/
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