Liste complète des publications

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Articles de revues en cours de révision

- A57 Hugo Ladret, Nelson Cortes, Lamyae Ikan, Frédéric Chavane, Christian Casanova et Laurent U Perrinet. « Dynamical processing of orientation precision in the primary visual cortex ». In : in revision (23 fév. 2023). Doi : 10.1101/2021.03.30.437692. eprint: https://www.biorxiv.org/content/10. 1101/2021.03.30.437692v5.full.pdf. URL: https://laurentperrinet.github. io/publication/ladret-23/
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- A55 Antoine Grimaldi et Laurent U Perrinet. « Learning heterogeneous delays in a layer of spiking neurons for fast motion detection ». In: Submitted (2022)
- A54 Jean-Nicolas Jérémie, Emmanuel Daucé et Laurent U Perrinett. « Retinotopic mapping improves the reliability of image categorization ». In: In preparation (2022)
- A53 Giacomo Benvenuti, Sandrine Chemla, Arjan Boonman, Laurent U Perrinet, Guillaume S Masson et Frederic Chavane. « Anticipatory Responses along Motion Trajectories in Awake Monkey Area V1 ». en. In: bioRxiv (2020), p. 2020.03.26.010017. DOI: 10/ggqj77. URL: https://www.biorxiv.org/content/10.1101/2020.03. 26.010017v1 (visité le 31/03/2020)
- A52 Jean-Nicolas Jérémie et Laurent U Perrinet. « Ultrafast image categorization in biology and neural models ». In: in revision (2023)
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- A49 Victor BOUTIN, Angelo Franciosini, Frédéric Y Chavane et Laurent U Perrinet. « 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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- A38 Jonathan Vacher, Andrew Isaac Meso, <u>Laurent U Perrinet</u> et Gabriel Peyré. « Bayesian Modeling of Motion Perception using Dynamical Stochastic Textures ». In: *Neural Computation* (21 nov. 2018). DOI: 10.1162/neco_a_01142. URL: https://www.mitpressjournals.org/doi/abs/10.1162/neco_a_01142
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C6 <u>Laurent U Perrinet</u>. « From the retina to action: Dynamics of predictive processing in the visual system ». In: *The Philosophy and Science of Predictive Processing*. Sous la dir. de Dina Mendonça, Manuel Curado et Steven S Gouveia. Bloomsbury, 2020, p. 85-104. Doi: 10.5040/9781350099784.ch-005. URL: https://laurentperrinet.github.io/publication/perrinet-20/

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