

# Bio-inspired OSL

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- **A neural circuit for wind-guided olfactory navigation** [[Nature](#) 2022] *Andrew Matheson, et al.* ([Nature](#)) ([pdf](#)) (Citation: 29)
- **Combining particle filter algorithm with bio-inspired anemotaxis behavior A smoke plume tracking method and its robotic experiment validation** [[Measurement](#) 2020] *Xinxing Chen, et al.* ([ELSEVIER](#)) ([pdf](#)) (Citation: 27)
- **Odor tracking in aquatic organisms: the importance of temporal and spatial intermittency of the turbulent plume** [[Scientific Reports](#) 2020] *Brenden T. Michaelis, et al.* ([Scientific Reports](#)) ([pdf](#)) (Citation: 17)
- **Odour motion sensing enhances navigation of complex plumes** [[Nature](#) 2022] *Nirag Kadakia, et al.* ([Nature](#)) ([pdf](#)) (Citation: 9)
- **Olfactory navigation in arthropods** [[Spring Link](#) 2023] *Theresa Steele, et al.* ([Spring Link](#)) ([pdf](#)) (Citation: 6)
- **Olfactory-cued navigation in shearwaters: linking movement patterns to mechanisms** [[Scientific Reports](#) 2018] *Milo Abolaffio, et al.* ([Scientific Reports](#)) ([pdf](#)) (Citation: 14)