

1. Engel, G. S., Calhoun, T. R., Read, E. L., Ahn, T. K., Mancal, T., Cheng, Y.-C., ... & Fleming, G. R. (2007). Evidence for wavelike energy transfer through quantum coherence in photosynthetic systems. *Nature*, 446(7137), 782-786. <https://doi.org/10.1038/nature05678>
2. Ritz, T., Adem, S., & Schulten, K. (2000). A model for photoreceptor-based magnetoreception in birds. *Biophysical Journal*, 78(2), 707-718. [https://doi.org/10.1016/S0006-3495\(00\)76629-X](https://doi.org/10.1016/S0006-3495(00)76629-X)
3. Masgrau, L., et al. (2006). Atomic description of an enzyme reaction dominated by proton tunneling. *Science*, 312(5771), 237-241. <https://doi.org/10.1126/science.1123606>
4. Mohseni, M., Rebentrost, P., Lloyd, S., & Aspuru-Guzik, A. (2008). Environment-assisted quantum walks in energy transfer of photosynthetic complexes. *The Journal of Chemical Physics*, 129(17), 174106. <https://doi.org/10.1063/1.3002335>
5. Panitchayangkoon, G., et al. (2010). Long-lived quantum coherence in photosynthetic complexes at physiological temperature. *PNAS*, 107(29), 12766-12770. <https://doi.org/10.1073/pnas.1005484107>
6. Wiltschko, R., Stapput, K., Ritz, T., Thalau, P., & Wiltschko, W. (2007). Magnetoreception in birds: The effect of radio-frequency fields. *Journal of the Royal Society Interface*, 4(16), 659-668. <https://doi.org/10.1098/rsif.2006.0190>
7. Klinman, J. P., & Kohen, A. (2013). Hydrogen tunneling links protein dynamics to enzyme catalysis. *Annual Review of Biochemistry*, 82, 471-496. <https://doi.org/10.1146/annurev-biochem-083111-092024>
8. Honig, B. (1999). Protein folding: From the Levinthal paradox to structure prediction. *Journal of Molecular Biology*, 293(2), 283-293. <https://doi.org/10.1006/jmbi.1999.3006>
9. Lu, L.-H., & Li, Y.-Q. (2019). Quantum approach to fast protein-folding time (arXiv:1906.09184). *arXiv*. <https://doi.org/10.48550/arXiv.1906.09184>
10. Hameroff, S., & Penrose, R. (2014). Consciousness in the universe: A review of the ‘Orch OR’ theory. *Physics of Life Reviews*, 11(1), 39-78. <https://doi.org/10.1016/j.plrev.2013.08.002>
11. Craddock, T. J. A., et al. (2014). Anesthetics act in quantum channels in brain micro-tubules to prevent consciousness. *Current Topics in Medicinal Chemistry*, 15(6), 523-533. <https://doi.org/10.2174/1568026615666150225102731>