## References

- Ameer, M. A., Mustafa, G. M., Gassoumi, A., Saba, S., Noor, N. A., Mumtaz, S., & Saad H.-E., M. M. (2024). Theoretical analysis of magnetic, optoelectronic, and thermoelectric properties of Cs2CuCrX6 (X = Cl and Br) double perovskites for spintronic and data storage devices. *The Journal of Physics and Chemistry of Solids*, 193, 112149-. https://doi.org/10.1016/j.jpcs.2024.112149
- Barla, P., Joshi, V. K., & Bhat, S. (2021). Spintronic devices: a promising alternative to CMOS devices. *Journal of Computational Electronics*, 20(2), 805–837. https://doi.org/10.1007/s10825-020-01648-6
- Breakthrough for efficient and high-speed spintronic devices. (2022). In *Canada NewsWire*. PR Newswire Association LLC.
- Dieny, B., Prejbeanu, I. L., Garello, K., Gambardella, P., Freitas, P., Lehndorff, R., Raberg, W., Ebels, U.,

  Demokritov, S. O., Akerman, J., Deac, A., Pirro, P., Adelmann, C., Anane, A., Chumak, A. V.,

  Hiroata, A., Mangin, S., Mehmet Cengiz Onbasli, Aquino, M. d, ... Bortolotti, P. (2019).

  Opportunities and challenges for spintronics in the microelectronic industry. *arXiv.Org*.
- El-Ghazaly, A., Gorchon, J., Wilson, R. B., Pattabi, A., & Bokor, J. (2020). Progress towards ultrafast spintronics applications. *Journal of Magnetism and Magnetic Materials*, *502*(C), 166478-. https://doi.org/10.1016/j.jmmm.2020.166478
- Hedin, E. R., & Joe, Y. S. (2014). *Spintronics in Nanoscale Devices* (1st ed.). Pan Stanford. https://doi.org/10.1201/b15353
- Hirohata, A., Yamada, K., Nakatani, Y., Prejbeanu, I.-L., Diény, B., Pirro, P., & Hillebrands, B. (2020).

  Review on spintronics: Principles and device applications. *Journal of Magnetism and Magnetic Materials*, 509, 166711-. https://doi.org/10.1016/j.jmmm.2020.166711

- Kim, S. K., Beach, G. S. D., Lee, K.-J., Ono, T., Rasing, T., & Yang, H. (2022). Ferrimagnetic spintronics.

  Nature Materials, 21(1), 24–34. https://doi.org/10.1038/s41563-021-01139-4
- Mutunga, E., D'Angelo, C., Grizzle, A., Lamberti, V., & Tyagi, P. (2022). Dramatic effect of electrode type on tunnel junction based molecular spintronic devices. *Organic Electronics*, *106*.
- Puebla, J., Kim, J., Kondou, K., & Otani, Y. (2020). Spintronic devices for energy-efficient data storage and energy harvesting. *Communications Materials*, *1*(1), 1–9. https://doi.org/10.1038/s43246-020-0022-5
- Sanghal, T., Sabharwal, B., & Delaney, A. (2023). Superconductors and Spintronics: The Future of Hyper-Efficient Data Storage and Transport (Professor James Analytis). *Berkeley Scientific*, *27*(2). https://doi.org/10.5070/BS327262055
- Yakout, S. M. (2020). Spintronics: Future Technology for New Data Storage and Communication Devices.

  \*\*Journal of Superconductivity and Novel Magnetism, 33(9), 2557–2580.\*\*

  https://doi.org/10.1007/s10948-020-05545-8