

List of Publications 2025

- [1] Langit Cahya Adi, Maxime Aragon-Alberti, Jérôme Rouquette, Geert L. J. A. Rikken, Cyrille Train, Jérôme Long, and Matteo Atzori, “Coexistence of room temperature magneto-chiral dichroism and magneto-electric coupling in a chiral nanomagnet,” *Nanoscale* **17**, 1954–1958 (2025).
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- [3] Munkhtuguldur Altangerel, Quentin Barthélemy, Étienne Lefrançois, Jordan Baglo, Manel Mezidi, Gaël Grissonnanche, Ashvini Vallipuram, Emma Campillo, Anne Forget, Dorothée Colson, Ruixing Liang, D. A. Bonn, W. N. Hardy, Cyril Proust, and Louis Taillefer, “Thermal Hall conductivity in the strongest cuprate superconductor: Estimate of the mean free path in the trilayer cuprate $\text{HgBa}_2\text{Ca}_2\text{Cu}_3\text{O}_{8+\delta}$,” *Physical Review B* **112**, 014522 (2025).
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- [6] Matteo Atzori and Alessandro Lunghi, “Optical control of spin states in magnetic molecules,” *Trends in Chemistry* **7**, 413–416 (2025).
- [7] Nathan Aubergier, Vincent T. Renard, Sylvain Barraud, Kei Takashina, and Benjamin A. Piot, “Wide Electrical Tunability of the Valley Splitting in a Doubly Gated Silicon-on-Insulator Quantum Well,” *Nano Lett.* **25**, 13557–13562 (2025).
- [8] Seul-Ki Bac, Florian Le Mardelé, Jiashu Wang, Mykhaïlo Ozerov, Kota Yoshimura, Ivan Mohelský, Xingdan Sun, Benjamin A. Piot, Stefan Wimmer, Andreas Ney, Tatyana Orlova, Maksym Zhukovskiy, Günther Bauer, Gunther Springholz, Xinyu Liu, Milan Orlita, Kyungwha Park, Yi-Ting Hsu, and Badih A. Assaf, “Probing Berry Curvature in Magnetic Topological Insulators through Resonant Infrared Magnetic Circular Dichroism,” *Physical Review Letters* **134**, 016601 (2025).
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