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283. **CONTROLLING 4*f* ANTIFERROMAGNETIC DYNAMICS VIA ITINERANT ELECTRONIC SUSCEPTIBILITY**
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R. Mankowsky, M. Müller, M. Sander, S. Zerdane, X. Liu, D. Babich, H. Ueda, Y. Deng, R. Winkler, B. Strudwick, M. Savoini, F. Giorgianni, S. L. Johnson, E. Pomjakushina, P. Beaud, T. Fennell, H. T. Lemke, and *U. Staub*, Nature Commun. 1**5**, 7183 (2024). https://doi.org/10.1038/s41467-024-51339-0

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D. V. Christensen, *U. Staub*, T. R. Devidas, B. Kalisky, K. C. Nowack, J.L. Webb, U.L. Andersen, A. Huck, D. A. Broadway K. Wagner, P. Maletinsky, T. van der Sar, C. R. Du, A. Yacoby, D. Collomb, S. Bending, A. Oral, H. J. Hug, A.-O. Mandru, V. Neu, H. W. Schumacher, S. Sievers, H. Saito, A. A. Khajetoorians, N. Hauptmann, S. Baumann, A. Eichler, C. L. Degen, J. McCord, M. Vogel, M. Fiebig, P. Fischer, A. Hierro-Rodriguez , S. Finizio, S. S. Dhesi, C. Donnelly, Felix Büttner, O. Kfir, W. Hu, S. Zayko, S. Eisebitt, B. Pfau, R. Frömter, M. Kläui, F. S. Yasin, B. J. McMorran, S. Seki, X. Yu, A. Lubk, D. Wolf, N. Pryds, D. Makarov, M. Poggio, J. Phys. Materials **7**, 032501 (2024). https://doi.org/10.1088/2515-7639/ad31b5

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Jose R. L. Mardegan, Serhane Zerdane, Giulia Mancini, Vincent Esposito, Jérémy R. Rouxel, Roman Mankowsky, Cristian Svetina, Namrata Gurung, Sergii Parchenko, Michael Porer, Bulat Burganov, Yunpei Deng, Paul Beaud, Gerhard Ingold, Bill Pedrini, Christopher Arrell, Christian Erny, Andreas Dax, Henrik Lemke, Martin Decker, Nazaret Ortiz, Chris Milne, Grigory Smolentsev, Laura Maurel, Steven L. Johnson, Akihiro Mitsuda, Hirofumi Wada, Yuichi Yokoyama, Hiroki Wadati, and *Urs Staub*, Phys. Rev. Research **3,** 033211 (2021). https://doi.org/10.1103/PhysRevResearch.3.033211

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