

Publications in refereed scientific journals:

- (591) J. Sassmannshausen, A. Kubetzka, P.-J. Hsu, K. von Bergmann, and R. Wiesendanger, submitted:
"Lead induced skyrmions in the Fe double layer on Ir(111)".
- (590) A. Finco, M. Perini, A. Kubetzka, K. von Bergmann, and R. Wiesendanger, submitted: "Magnetic domain walls in strain-patterned ultrathin films".
- (589) A. Schlenhoff, S. Kovaric, S. Krause and R. Wiesendanger, submitted: "Non-collinear magnetism observed in image-potential states".
- (588) C. Friesen, H. Osterhage, J. Friedlein, S. Kovarik, A. Schlenhoff, R. Wiesendanger, and S. Krause, submitted:
"Magneto-Seebeck tunneling on the atomic scale".
- (587) L. Rózsa, J. Hagemester, E. Y. Vedmedenko, and R. Wiesendanger, Phys. Rev. B (in press):
"Effective damping enhancement in noncollinear spin structures".
- (586) Ph. Christoph, T. Wagner, H. Zhong, R. Wiesendanger, K. Sengstock, A. Schwarz, and Ch. Becker, New J. Phys. (in press):
"Combined feedback and sympathetic cooling of a mechanical oscillator coupled to ultracold atoms".
- (585) A. Kamlapure, L. Cornils, J. Wiebe, and R. Wiesendanger, Nature Commun. 9, 3253 (2018):
"Engineering the spin couplings in atomically crafted spin chains on an elemental superconductor".
- (584) M. Steinbrecher, R. Rausch, K. T. Ton, J. Hermenau, A. A. Khajetoorians, M. Potthoff, R. Wiesendanger, and J. Wiebe, Nature Commun. 9, 2853 (2018):
"Non-collinear spin states in bottom-up fabricated atomic chains".
- (583) M. Perini, S. Meyer, B. Dupé, S. von Malottki, A. Kubetzka, K. von Bergmann, R. Wiesendanger, and S. Heinze, Phys. Rev. B 97, 184425 (2018):
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- (582) C. Friesen, H. Osterhage, J. Friedlein, A. Schlenhoff, R. Wiesendanger, and S. Krause, J. Phys. D: Appl. Phys. 51, 324001 (2018):
"Seebeck tunneling with scanning tunneling microscopy".
- (581) N. Romming, H. Pralow, A. Kubetzka, M. Hoffmann, S. von Malottki, S. Meyer, B. Dupé, R. Wiesendanger, K. von Bergmann, and S. Heinze, Phys. Rev. Lett. 120, 207201 (2018):
"Competition of Dzyaloshinskii-Moriya and higher-order exchange interactions in Rh/Fe atomic bilayers on Ir(111)".

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- (580) J. Hagemeister, A. Siemens, L. Rózsa, E. Y. Vedmedenko, and R. Wiesendanger, Phys. Rev. B 97, 174436 (2018):
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- (579) H. Kim, A. Palacio-Morales, T. Posske, L. Rózsa, K. Palotas, L. Szunyogh, M. Thorwart, and R. Wiesendanger, Science Advances 4, eaar5251 (2018):
"Towards tailoring Majorana bound states in artificially constructed magnetic atom chains on elemental superconductors".
- (578) J. Warmuth, M. Bremholm, Ph. Hofmann, J. Wiebe, and R. Wiesendanger, NPG Quantum Materials 3, 21 (2018):
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- (577) P.-J. Hsu, L. Rózsa, A. Finco, L. Schmidt, K. Palotas, E. Vedmedenko, L. Udvardi, L. Szunyogh, A. Kubetzka, K. von Bergmann, and R. Wiesendanger, Nature Commun. 9, 1571 (2018):
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- (573) M. Ashino and R. Wiesendanger, Crystals 8, 102 (2018):
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