

Publications

Publications in refereed journals

343. J. Riepl, M. Aichner, N. N. Mikhailov, S. A. Dvoretzky, G. Budkin, S. Ganichev, C. Lange, J. Mornhinweg, and R. Huber
All-optical band structure reconstruction and onset of Landau quantization of Dirac fermions
submitted to Appl. Phys. Lett. (2025).
342. I. Yahniuk, D.A. Kozlov, M.D. Moldavskaya, L.E. Golub, V.V. Bel'kov, I.A. Dmitriev, S.S. Krishtopenko, F. Teppe, Y. Ivonyak, A. Bercha, G. Cywiński, W. Knap, and S.D. Ganichev
Positive Terahertz Photoconductivity in CdHgTe Under Hydrostatic Pressure
submitted to Phys. Rev. B, arXiv:2504.08319 (2025).
341. M. D. Moldavskaya, L. E. Golub, V. V. Bel'kov, N. N. Mikhailov, S. A. Dvoretzky, D. Weiss, and S. D. Ganichev
Bleaching of the Terahertz Magneto-Photogalvanic Effect in CdHgTe Crystals with Kane Fermions
accepted by J Appl. Phys., arXiv:2503.19583 (2025).
340. I. Moiseenko, K. Kapralov, D. Svintsov, E. Mönch, S. Ganichev, D. Bandurin
Testing the tomographic Fermi liquid hypothesis with high-order cyclotron resonance
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339. E. Mönch, M. D. Moldavskaya, L. E. Golub, V. V. Bel'kov, J. Wunderlich, D. Weiss, J. Gumenjuk-Sichevska, Chang Niu, Peide D. Ye, and S. D. Ganichev
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337. M. Hild, E. Mönch, L. E. Golub, I. A. Dmitriev, I. Yahniuk, K. Amann, J. Amann, J. Eroms, J. Wunderlich, D. Weiss, C. Consejo, C. Bray, K. Maussang, F. Teppe, J. Gumenjuk-Sichevska, K. Watanabe, T. Taniguchi, and S. D. Ganichev
Terahertz and gigahertz magneto-ratchets in graphene-based 2D metamaterials
Phys. Rev. B **110**, 125303 (2024).
336. M. Hild, I. Yahniuk, L. E. Golub, J. Amann, J. Eroms, D. Weiss, K. Watanabe, T. Taniguchi, S. D. Ganichev
Circular THz ratchets in a 2D-modulated Dirac system
Phys. Rev. Research **6**, 023308 (2024).
335. I. Yahniuk, M. Hild, L. E. Golub, J. Amann, J. Eroms, D. Weiss, Wun-Hao Kang, Ming-Hao Liu, K. Watanabe, T. Taniguchi, S. D. Ganichev
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Phys. Rev. B **109**, 235428 (2024).
334. E. Mönch, S. Schweiss, I. Yahniuk, M. L. Savchenko, I. A. Dmitriev, A. Shuvaev, A. Pimenov, D. Schuh, D. Bougeard and S. D. Ganichev
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