Grzegorz Łukasiewicz

Lista Publikacji

1. Gavilan-Martin, D., Lukasiewicz, G., Padniuk, M., Klinger, E., Smolis, M., Figueroa, N. L., Jackson Kimball, D. F., Sushkov, A. O., Pustelny, S., Budker, D., & Wickenbrock, A. (2025). Searching for dark matter with a spin-based interferometer. Nature Communications, 16, 4953. https://doi.org/10.1038/s41467-025-60178-6

2. Padniuk, M., Klinger, E., Lukasiewicz, G., Gavilan-Martin, D., Liu, T., Pustelny, S., Jackson Kimball, D. F., Budker, D., & Wickenbrock, A. (2024). Universal determination of comagnetometer response to spin couplings. Physical Review Research, 6, 013339. https://doi.org/10.1103/PhysRevResearch.6.013339

3. Afach, S., Aybas Tumturk, D., Bekker, H., Buchler, B. C., Budker, D., Cervantes, K., Derevianko, A., Eby, J., Figueroa, N. L., Folman, R., Gavilan Martin, D., Givon, M., Grujic, Z. D., Guo, H., Hamilton, P., Hedges, M. P., Jackson Kimball, D. F., Khamis, S., Kim, D., Klinger, E., Kryemadhi, A., Liu, X., Lukasiewicz, G., Masia-Roig, H., Padniuk, M., Palm, C. A., Park, S. Y., Pearson, H. R., Peng, X., Pospelov, M., Pustelny, S., Rosenzweig, Y., Ruimi, O. M., Scholtes, T., Segura, P. C., Semertzidis, Y. K., Shin, Y. C., Smiga, J. A., Stadnik, Y. V., Stalnaker, J. E., Sulai, I. A., Tandon, D., Vu, K., Weis, A., Wickenbrock, A., Wilson, T. Z., Wu, T., Xiao, W., Yang, Y., Yu, D., Yu, F., Zhang, J., & Zhao, Y. (2023). What can a GNOME do? Search targets for the Global Network of Optical Magnetometers for Exotic physics searches. Annalen der Physik. https://doi.org/10.1002/andp.202300083

4. Khamis, S. S., Sulai, I. A., Hamilton, P., Afach, S., Buchler, B. C., Budker, D., Figueroa, N. L., Folman, R., Gavilán-Martín, D., Givon, M., Grujić, Z. D., Guo, H., Hedges, M. P., Jackson Kimball, D. F., Kim, D., Klinger, E., Kornack, T., Kryemadhi, A., Kukowski, N., Łukasiewicz, G., Masia-Roig, H., Padniuk, M., Palm, C. A., Park, S. Y., Peng, X., Pospelov, M., Pustelny, S., Rosenzweig, Y., Ruimi, O. M., Segura, P. C., Scholtes, T., Semertzidis, Y. K., Shin, Y. C., Stalnaker, J. E., Tandon, D., Weis, A., Wickenbrock, A., Wilson, T. Z., Wu, T., Zhang, J., & Zhao, Y. (2025). Multimessenger search for exotic field emission with a global magnetometer network. Physical Review X, 15, 031048. https://doi.org/10.1103/fsc8-6sl5