

**Experimental observation of quantum many-body excitations of E8 symmetry in the Ising chain ferromagnet CoNb2O6**  
**Amelin, Kirill;** Engelmayer, Johannes; Viirok, Johan; Nagel, Urmas; Rõõm, Toomas; Lorenz, Thomas; Wang, Zhe Physical review B 2020 / art. 104431, 5 p. : ill <https://doi.org/10.1103/PhysRevB.102.104431>

**In situ electric-field control of THz nonreciprocal directional dichroism in the multiferroic Ba2CoGe2O7**  
Vít, J.; Viirok, Johan; **Peedu, Laur;** Rõõm, Toomas; Nagel, Urmas; Kocsis, V.; Tokunaga, Y.; Taguchi, Y.; Tokura, Y.; Kezsmarki, I.; Balla, P.; Penc, K.; Romhányi, J.; Bordacs, S. Physical review letters 2021 / art. 157201, 6 p. : ill  
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**The spectroscopy of the quantum criticality in a transverse field Ising chain compound CoNb2O6 [Online resource]**  
Viirok, Johan; **Hüvonen, Dan;** Rõõm, Toomas; Nagel, Urmas Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p <http://fntdk.ut.ee/teesid-2019/>

**Spin excitations of magnetoelectric LiNiPO4 in multiple magnetic phases**  
**Peedu, Laur;** Kocsis, V.; Szaller, D.; Viirok, Johan; Nagel, Urmas; Rõõm, Toomas; Farkas, D.G.; Bordacs, S.; Kamenskyi, D.L.; Zeitler, U.; Tokunaga, Y.; Taguchi, Y.; Tokura, Y.; Kezsmarki, I. Physical review B 2019 / art. 024406, 8 p. : ill  
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**Terahertz spectroscopy of spin excitations in magnetoelectric LiFePO4 in high magnetic fields**  
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**The study of magnetoelectric effect in multiferroics using THz spectroscopy = Magnetelektrilise nähtuse uurimine multiferrooidides THz spektroskoopiaga**  
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