

Ralf Feyerherm - TOP 6 first author publications (as of December 2017)

- 1. *Magnetic-Field Induced Gap and Staggered Susceptibility in the $S = 1/2$ Chain***
[PMCu(NO₃)₂(H₂O)₂]_n (PM = pyrimidine)
R. Feyerherm, S. Abens, D. Günther, T. Ishida, M. Meißner, M. Meschke, T. Nogami
J. Phys.: Condens. Matter. 39, 8495 (2000). (106 citations)
- 2. *Coexistence of local moment magnetism and heavy fermion superconductivity in UPd₂Al₃***
R. Feyerherm, A. Amato, F.N. Gygax, A. Schenck, C. Geibel, F. Steglich, N. Sato,
T. Komatsubara, Physical Review Letters 73, 1894 (1994). (99 citations)
- 3. *Commensurate Dy magnetic ordering associated with incommensurate lattice distortion in multiferroic DyMnO₃*** R. Feyerherm, E. Dudzik, N. Aliouane, D. N. Argyriou,
Phys. Rev. B 73, 180401 (R) (2006). (53 citations)
- 4. *Magnetic-field induced effects on the electric polarization in RMnO₃ (R = Dy, Gd)***
R. Feyerherm, E. Dudzik, A. U. B. Wolter, S. Valencia, O. Prokhnenko, A. Maljuk,
S. Landsgesell, N. Aliouane, L. Bouchenoire, S. Brown, and D. N. Argyriou
Phys. Rev. B 79, 134426 (2009). (49 citations)
- 5. *Competition between magnetism and superconductivity in CeCu₂Si₂***
R. Feyerherm, A. Amato, C. Geibel, *et al.*
Phys. Rev. B 56, 699 (1997). (42 citations)
- 6. *Crystal electric field next to a hydrogen like interstitial - mu⁺ in PrNi₅***
R. Feyerherm, A. Amato, A. Grayevsky, F.N. Gygax, N. Kaplan, and A. Schenck
Zeitschrift für Physik B - Condensed Matter 99, 3 (1995). (41 citations)