

PUBLICATION LIST

Paolo G. Radaelli – Nov. 2017

Bibliometric analysis (ISI-WOS Report)

Items found	203
Total citations	12,383
Average citations per item	61
H-index	53

Publications

List of scientific publications, sorted by publication type and in reverse chronological order.

a) Articles published in refereed journals

2017

- 200 “Deterministic and robust room-temperature exchange coupling in monodomain multiferroic BiFeO₃ heterostructures”, W. Saenrang, B.A. Davidson, F. Maccherozzi, J.P. Podkaminer, J. Irwin, R.D. Johnson, J.W. Freeland, J. Íñiguez, J.L. Schladt, K. Reiersen, J.C. Frederick, C.A.F. Vaz, L. Howald, T.H. Kim, S. Ryu, M.v. Veenendaal, P.G. Radaelli, S.S. Dhesi, M.S. Rzchowski & C.B. Eom, *Nature Comm.*, **8**, 1583 (2017).
- 199 “Magneto-orbital ordering in the divalent A-site quadruple perovskite manganites AMn₇O₁₂ (A = Sr, Cd, and Pb)”, R.D. Johnson, D.D. Khalyavin, P. Manuel, P.G. Radaelli, I.S. Glazkova, N. Terada, A.A. Belik, *Phys. Rev. B* **96**, 054448 (2017).
- 198 “Electrical Switching of Magnetic Polarity in a Multiferroic BiFeO₃ Device at Room Temperature”, N.W. Price, R.D. Johnson, W. Saenrang, A. Bombardi, F.P. Chmiel, C.B. Eom, and P.G. Radaelli, *Phys. Rev. Appl.* **8**, 014033 (2017).

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- 197 “Detailed crystallographic analysis of the ice VI to ice XV hydrogen ordering phase transition”, C.G. Salzmann, B. Slater, P.G. Radaelli, J.L. Finney, J.J. Shephard, M. Rosillo-Lopez, J. Hindle, *J. Chem. Phys.* **145**, 204501 (2016).
- 196 “Polarization memory in the non-polar magnetic ground state of multiferroic CuFeO₂”, J. Beilsten-Edmands, S. J. Magorrian, F. R. Foronda, D. Prabhakaran, P. G. Radaelli, and R. D. Johnson, *Phys. Rev. B* **94**, 144411 (2016).
- 195 “Magnetostriction-driven ground-state stabilization in 2H perovskites” D. G. Porter, M. S. Senn, D. D. Khalyavin, A. Cortese, N. Waterfield-Price, P. G. Radaelli, P. Manuel, H. -C. zur-Loye, C. Mazzoli, and A. Bombardi, *Phys. Rev. B* **94**, 134404 (2016).
- *194 “Coherent magneto-elastic domains in multiferroic BiFeO₃ films”, N. Waterfield Price, R. D. Johnson, W. Saenrang, F. Maccherozzi, S. S. Dhesi, A. Bombardi, F. P. Chmiel, C.-B. Eom and P. G. Radaelli, *Phys. Rev. Lett.* **117**, 177601 (2016).
- 193 “Ab Initio Cycloidal and Chiral Magnetoelectric Responses in Cr₂O₃”, N. Tillack, J. Yates and P.G. Radaelli, *Phys. Rev. B (Rapid Comm.)* **94**, 100405 (2016).
- 192 “Modulated spin helicity stabilized by incommensurate orbital density waves in a quadruple perovskite manganite”, R.D. Johnson, D.D. Khalyavin, P. Manuel, A. Bombardi, C. Martin, L.C. Chapon, and P.G. Radaelli, *Phys. Rev. B (Rapid Comm.)* **93**, 180403 (2016).

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- 165 “Helical spin-waves, magnetic order, and fluctuations in the langasite compound $\text{Ba}_3\text{NbFe}_3\text{Si}_2\text{O}_{14}$ ”, C. Stock, L.C. Chapon, A. Schneidewind, Y. Su, P.G. Radaelli, D.F. McMorrow, A. Bombardi, N. Lee, S.-W. Cheong, *Phys. Rev. B.*, **83** 104426 (2011).

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