

1. Radtke, G.; Saul, A.; **Dabkowska, H. A.**; Salamon, M. B.; Jaime, M. Magnetic Nanopantograph in the SrCu<sub>2</sub>(BO<sub>3</sub>)<sub>2</sub> Shastry-Sutherland Lattice. *Proc. Natl. Acad. Sci. U. S. A.* **2015**, *112*, 1971–1976.
2. Haravifard, S.; Banerjee, A.; Wezel, J. van; Silevitch, D. M.; Santos, A. M. dos; Lang, J. C.; Kermarrec, E.; Srajer, G.; Gaulin, B. D.; Molaison, J. J.; *et al.* Interplay of Magnetism and Structure in the Shastry-Sutherland Model. *Proc. Natl. Acad. Sci. U. S. A.* **2015**, *112*, E383–E384.
3. Wang, Z.; Kamenskyi, D.; Cepas, O.; Schmidt, M.; Quintero-Castro, D. L.; Islam, A. T. M. N.; Lake, B.; Aczel, A. A.; **Dabkowska, H. A.**; Dabkowski, A. B.; *et al.* High-Field Electron Spin Resonance Spectroscopy of Singlet-Triplet Transitions in the Spin-Dimer Systems Sr<sub>3</sub>Cr<sub>2</sub>O<sub>8</sub> and Ba<sub>3</sub>Cr<sub>2</sub>O<sub>8</sub>. *Phys. Rev. B* **2014**, *89*.
4. Ross, K. A.; Qiu, Y.; Copley, J. R. D.; **Dabkowska, H. A.**; Gaulin, B. D. Order by Disorder Spin Wave Gap in the XY Pyrochlore Magnet Er<sub>2</sub>Ti<sub>2</sub>O<sub>7</sub>. *Phys. Rev. Lett.* **2014**, *112*.
5. Paszkowicz, W.; Ermakova, O.; Lopez-Solano, J.; Mujica, A.; Munoz, A.; Minikayev, R.; Lathe, C.; Gierlotka, S.; Nikolaenko, I.; Dabkowska, H. Equation of State of Zircon- and Scheelite-Type Dysprosium Orthovanadates: a Combined Experimental and Theoretical Study. *J. PHYSICS-CONDENSED MATTER* **2014**, *26*.
6. Niven, J. F.; Johnson, M. B.; Bourque, A.; Murray, P. J.; James, D. D.; **Dabkowska, H. A.**; Gaulin, B. D.; White, M. A. Magnetic Phase Transitions and Magnetic Entropy in the XY Antiferromagnetic Pyrochlores (Er<sub>1-x</sub>Y<sub>x</sub>)<sub>2</sub>Ti<sub>2</sub>O<sub>7</sub>. *Proc. R. Soc. A-MATHEMATICAL Phys. Eng. Sci.* **2014**, *470*.
7. Kinross, A. W.; Fu, M.; Munsie, T. J.; **Dabkowska, H. A.**; Luke, G. M.; Sachdev, S.; Imai, T. Evolution of Quantum Fluctuations Near the Quantum Critical Point of the Transverse Field Ising Chain System CoNb<sub>2</sub>O<sub>6</sub>. *Phys. Rev. X* **2014**, *4*.
8. Haravifard, S.; Banerjee, A.; Wezel, J. van; Silevitch, D. M.; Santos, A. M. dos; Lang, J. C.; Kermarrec, E.; Srajer, G.; Gaulin, B. D.; Molaison, J. J.; *et al.* Emergence of Long-Range Order in Sheets of Magnetic Dimers. *Proc. Natl. Acad. Sci. U. S. A.* **2014**, *111*, 14372–14377.
9. Fritsch, K.; Kermarrec, E.; Ross, K. A.; Qiu, Y.; Copley, J. R. D.; Pomaranski, D.; Kycia, J. B.; **Dabkowska, H. A.**; Gaulin, B. D. Temperature and Magnetic Field Dependence of Spin-Ice Correlations in the Pyrochlore Magnet Tb<sub>2</sub>Ti<sub>2</sub>O<sub>7</sub>. *Phys. Rev. B* **2014**, *90*.
10. Zhao, K.; Deng, Z.; Wang, X. C.; Han, W.; Zhu, J. L.; Li, X.; Liu, Q. Q.; Yu, R. C.; Goko, T.; Frandsen, B.; *et al.* New Diluted Ferromagnetic Semiconductor with Curie Temperature up to 180 K and Isostructural to the '122' Iron-Based Superconductors. *Nat. Commun.* **2013**, *4*.
11. Wagman, J. J.; Gastel, G. Van; Ross, K. A.; Yamani, Z.; Zhao, Y.; Qiu, Y.; Copley, J. R. D.; Kallin, A. B.; Mazurek, E.; Carlo, J. P.; *et al.* Two-Dimensional Incommensurate and Three-Dimensional Commensurate Magnetic Order and Fluctuations in La<sub>2-x</sub>Ba<sub>x</sub>CuO<sub>4</sub>. *Phys. Rev. B* **2013**, *88*.
12. Toews, W. H.; Zhang, S. S.; Ross, K. A.; **Dabkowska, H. A.**; Gaulin, B. D.; Hill, R. W. Thermal Conductivity of Ho<sub>2</sub>Ti<sub>2</sub>O<sub>7</sub> Along the  $\{111\}$  Direction. *Phys. Rev. Lett.* **2013**, *110*.
13. Stan, T.; Wu, Y.; Odette, G. R.; Sickafus, K. E.; **Dabkowska, H. A.**; Gaulin, B. D. Fabrication and Characterization of Naturally Selected Epitaxial Fe- $\{111\}$  Y<sub>2</sub>Ti<sub>2</sub>O<sub>7</sub> Mesoscopic Interfaces: Some Potential Implications to Nano-Oxide Dispersion-Strengthened Steels. *Metall. Mater. Trans. A-PHYSICAL Metall. Mater. Sci.* **2013**, *44A*, 4505–4512.
14. Revell, H. M.; Yaraskavitch, L. R.; Mason, J. D.; Ross, K. A.; Noad, H. M. L.; **Dabkowska, H. A.**; Gaulin, B. D.; Henelius, P.; Kycia, J. B. Evidence of Impurity and Boundary Effects on Magnetic Monopole Dynamics in Spin Ice. *Nat. Phys.* **2013**, *9*, 34–37.
15. Pomaranski, D.; Yaraskavitch, L. R.; Meng, S.; Ross, K. A.; Noad, H. M. L.; **Dabkowska, H. A.**; Gaulin, B. D.; Kycia, J. B. Absence of Pauling's Residual Entropy in Thermally Equilibrated Dy<sub>2</sub>Ti<sub>2</sub>O<sub>7</sub>. *Nat. Phys.* **2013**, *9*, 353–356.
16. Paszkowicz, W.; Berkowski, M.; Pajczkowska, A.; Dabkowska, H. Special Issue to Commemorate the Work of

17. Kamenskyi, D.; Wosnitza, J.; Krzystek, J.; Aczel, A. A.; **Dabkowska, H. A.**; Dabkowski, A. B.; Luke, G. M.; Zvyagin, S. A. High-Field ESR Studies of the Quantum Spin Dimer System  $\text{Ba}_3\text{Cr}_2\text{O}_8$ . *J. LOW Temp. Phys.* **2013**, *170*, 231–235.
18. Gutmann, M. J.; Refson, K.; Zimmermann, M. v; Swainson, I. P.; Dabkowski, A.; Dabkowska, H. Room Temperature Single-Crystal Diffuse Scattering and Ab Initio Lattice Dynamics in  $\text{CaTiSiO}_5$ . *J. PHYSICS-CONDENSED MATTER* **2013**, *25*.
19. Grundmann, H.; Schilling, A.; Marjerrison, C. A.; **Dabkowska, H. A.**; Gaulin, B. D. Structure and Magnetic Interactions in the Solid Solution  $\text{Ba}_{3-x}\text{Sr}_x\text{Cr}_2\text{O}_8$ . *Mater. Res. Bull.* **2013**, *48*, 3108–3111.
20. Fritsch, K.; Ross, K. A.; Qiu, Y.; Copley, J. R. D.; Guidi, T.; Bewley, R. I.; **Dabkowska, H. A.**; Gaulin, B. D. Antiferromagnetic Spin Ice Correlations at  $(1/2, 1/2, 1/2)$  in the Ground State of the Pyrochlore Magnet  $\text{Tb}_2\text{Ti}_2\text{O}_7$ . *Phys. Rev. B* **2013**, *87*.
21. Domagala, J. Z.; Paszkowicz, W.; Bak-Misiuk, J.; Ermakova, O. N.; Dabkowska, H. One-Dimensional Defect Distribution Along Needle-Shaped  $\text{PrVO}_4$  Single Crystals Grown by the Slow-Cooling Method. *Radiat. Phys. Chem.* **2013**, *93*, 174–183.
22. D’Ortenzio, R. M.; **Dabkowska, H. A.**; Dunsiger, S. R.; Gaulin, B. D.; Gingras, M. J. P.; Goko, T.; Kycia, J. B.; Liu, L.; Medina, T.; Munsie, T. J.; *et al.* Unconventional Magnetic Ground State in  $\text{Yb}_2\text{Ti}_2\text{O}_7$ . *Phys. Rev. B* **2013**, *88*.
23. Carlo, J. P.; Clancy, J. P.; Fritsch, K.; Marjerrison, C. A.; Granroth, G. E.; Greedan, J. E.; **Dabkowska, H. A.**; Gaulin, B. D. Spin Gap and the Nature of the  $4d(3)$  Magnetic Ground State in the Frustrated Fcc Antiferromagnet  $\text{Ba}_2\text{YRuO}_6$ . *Phys. Rev. B* **2013**, *88*.
24. Yaraskavitch, L. R.; Revell, H. M.; Meng, S.; Ross, K. A.; Noad, H. M. L.; **Dabkowska, H. A.**; Gaulin, B. D.; Kycia, J. B. Spin Dynamics in the Frozen State of the Dipolar Spin Ice Material  $\text{Dy}_2\text{Ti}_2\text{O}_7$ . *Phys. Rev. B* **2012**, *85*.
25. Ross, K. A.; Proffen, T.; **Dabkowska, H. A.**; Quilliam, J. A.; Yaraskavitch, L. R.; Kycia, J. B.; Gaulin, B. D. Lightly Stuffed Pyrochlore Structure of Single-Crystalline  $\text{Yb}_2\text{Ti}_2\text{O}_7$  Grown by the Optical Floating Zone Technique. *Phys. Rev. B* **2012**, *86*.
26. Legl, S.; Krey, C.; Dunsiger, S. R.; **Dabkowska, H. A.**; Rodriguez, J. A.; Luke, G. M.; Pfeleiderer, C. Vibrating-Coil Magnetometry of the Spin Liquid Properties of  $\text{Tb}_2\text{Ti}_2\text{O}_7$ . *Phys. Rev. Lett.* **2012**, *109*.
27. Jaime, M.; Daou, R.; Crooker, S. A.; Weickert, F.; Uchida, A.; Feiguin, A. E.; Batista, C. D.; **Dabkowska, H. A.**; Gaulin, B. D. Magnetostriction and Magnetic Texture to 100.75 Tesla in Frustrated  $\text{SrCu}_2(\text{BO}_3)_2$ . *Proc. Natl. Acad. Sci. U. S. A.* **2012**, *109*, 12404–12407.
28. Haravifard, S.; Gaulin, B. D.; Yamani, Z.; Dunsiger, S. R.; **Dabkowska, H. A.** Neutron Scattering from the Static and Dynamic Lattice of  $\text{SrCu}_2(\text{BO}_3)_2$  in Its Shastry-Sutherland Singlet Ground State. *Phys. Rev. B* **2012**, *85*.
29. Haravifard, S.; Banerjee, A.; Lang, J. C.; Srajer, G.; Silevitch, D. M.; Gaulin, B. D.; **Dabkowska, H. A.**; Rosenbaum, T. F. Continuous and Discontinuous Quantum Phase Transitions in a Model Two-Dimensional Magnet. *Proc. Natl. Acad. Sci. U. S. A.* **2012**, *109*, 2286–2289.
30. Fritsch, K.; Yamani, Z.; Chang, S.; Qiu, Y.; Copley, J. R. D.; Ramazanoglu, M.; **Dabkowska, H. A.**; Gaulin, B. D. Magnetic Order and Fluctuations in the Presence of Quenched Disorder in the Kagome Staircase System  $(\text{Co}_{1-x}\text{Mg}_x)_3\text{V}_2\text{O}_8$ . *Phys. Rev. B* **2012**, *86*.
31. Ermakova, O.; Paszkowicz, W.; Lopez-Solano, J.; Munoz, A.; Dabkowska, H. Experimental and Theoretical Study of Zircon and Scheelite Phases of  $\text{DyVO}_4$ . *ACTA Phys. Pol. A* **2012**, *121*, 920–924.
32. Bryan, C.; Whitman, C. A.; Johnson, M. B.; Niven, J. F.; Murray, P.; Bourque, A.; **Dabkowska, H. A.**; Gaulin, B. D.; White, M. A. Thermal Conductivity of  $(\text{Er}_{1-x}\text{Y}_x)_2\text{Ti}_2\text{O}_7$  Pyrochlore Oxide Solid Solutions. *Phys. Rev. B* **2012**, *86*.

33. Szymczak, R.; **Dabkowska, H. A.**; Dabkowski, A.; Luke, G. M.; Aleshkevych, P.; Fink-Finowicki, J.; Szymczak, H. Experimental Evidence for Ising Spin-Glass Transition in the YbCoGaO(4) Single Crystal. In *JOINT EUROPEAN MAGNETIC SYMPOSIA (JEMS)*; Spalek, J, Ed.; 2011; Vol. 303.
34. **Hanna A. Dąbkowska** and Antoni B. Dąbkowski "Crystal Growth of Oxides by Optical Floating Zone Technique. Experimental Approach to Defects Determination" in "Springer Handbook of Crystal Growth, Defects and Characterization" by Springer-Verlag' Berlin Heidelberg New York Tokyo, 2010
35. Ross, K. A.; Yaraskavitch, L. R.; Laver, M.; Gardner, J. S.; Quilliam, J. A.; Meng, S.; Kycia, J. B.; Singh, D. K.; Proffen, T.; **Dabkowska, H. A.**; *et al.* Dimensional Evolution of Spin Correlations in the Magnetic Pyrochlore Yb<sub>2</sub>Ti<sub>2</sub>O<sub>7</sub>. *Phys. Rev. B* **2011**, *84*.
36. Quilliam, J. A.; Yaraskavitch, L. R.; **Dabkowska, H. A.**; Gaulin, B. D.; Kycia, J. B. Dynamics of the Magnetic Susceptibility Deep in the Coulomb Phase of the Dipolar Spin Ice Material Ho<sub>2</sub>Ti<sub>2</sub>O<sub>7</sub>. *Phys. Rev. B* **2011**, *83*.
37. Paszkowicz, W.; Romanowski, P.; Bak-Misiuk, J.; Wierzchowski, W.; Wieteska, K.; Graeff, W.; Iwanowski, R. J.; Heinonen, M. H.; Ermakova, O.; Dabkowska, H. Characterization of an Yb:LuVO<sub>4</sub> Single Crystal Using X-Ray Topography, High-Resolution X-Ray Diffraction, and X-Ray Photoelectron Spectroscopy. *Radiat. Phys. Chem.* **2011**, *80*, 1001–1007.
38. HannaA.Dąbkowska and Bruce D. Gaulin "Growth of Oxides Single Crystals by the Optical Floating Zone Method " in "Crystal growth of technologically important electronic materials" Editors: K.Byrappa, T. Ohachi, H.Klapper and R. Fornari, Allied Publishers pvt. Ltd,2003 p. 341 - 354
39. Fritsch, K.; Ramazanoglu, M.; **Dabkowska, H. A.**; Gaulin, B. D. Crystal Growth and Characterization of the Magnetically Dilute Kagome Staircase System (Co(1-x)Mgx)(3)V<sub>2</sub>O<sub>8</sub>. *J. Cryst. Growth* **2011**, *327*, 205–208.
40. Dunsiger, S. R.; Aczel, A. A.; Arguello, C.; **Dabkowska, H.**; Dabkowski, A.; Du, M.-H.; Goko, T.; Javanparast, B.; Lin, T.; Ning, F. L.; *et al.* Spin Ice: Magnetic Excitations Without Monopole Signatures Using Muon Spin Rotation. *Phys. Rev. Lett.* **2011**, *107*.
41. Carlo, J. P.; Clancy, J. P.; Aharen, T.; Yamani, Z.; Ruff, J. P. C.; Wagman, J. J.; Gastel, G. J. Van; Noad, H. M. L.; Granroth, G. E.; Greedan, J. E.; *et al.* Triplet and in-Gap Magnetic States in the Ground State of the Quantum Frustrated Fcc Antiferromagnet Ba<sub>2</sub>YMoO<sub>6</sub>. *Phys. Rev. B* **2011**, *84*.
42. Ruff, J. P. C.; Islam, Z.; Clancy, J. P.; Ross, K. A.; Nojiri, H.; Matsuda, Y. H.; **Dabkowska, H. A.**; Dabkowski, A. D.; Gaulin, B. D. Magnetoelastics of a Spin Liquid: X-Ray Diffraction Studies of Tb<sub>2</sub>Ti<sub>2</sub>O<sub>7</sub> in Pulsed Magnetic Fields. *Phys. Rev. Lett.* **2010**, *105*.
43. Radtke, G.; Saul, A.; **Dabkowska, H. A.**; Luke, G. M.; Botton, G. A. Interplay Between Structural, Electronic, and Magnetic Degrees of Freedom in Sr<sub>3</sub>Cr<sub>2</sub>O<sub>8</sub>. *Phys. Rev. Lett.* **2010**, *105*.
44. Minikayev, R.; Paszkowicz, W.; Werner-Malenta, E.; Lathe, C.; **Dabkowska, H.** Equation of State of Zircon-Type TbVO<sub>4</sub>. *ACTA Phys. Pol. A* **2010**, *117*, 319–322.
45. Sebastian, S. E.; Harrison, N.; Sengupta, P.; Batista, C. D.; Francoual, S.; Palm, E.; Murphy, T.; Marcano, N.; **Dabkowska, H. A.**; Gaulin, B. D. Fractalization Drives Crystalline States in a Frustrated Spin System (vol 105, Pg 20157, 2008). *Proc. Natl. Acad. Sci. U. S. A.* **2009**, *106*, 2968.
46. Ross, K. A.; Ruff, J. P. C.; Adams, C. P.; Gardner, J. S.; **Dabkowska, H. A.**; Qiu, Y.; Copley, J. R. D.; Gaulin, B. D. Two-Dimensional Kagome Correlations and Field Induced Order in the Ferromagnetic XY Pyrochlore Yb<sub>2</sub>Ti<sub>2</sub>O<sub>7</sub>. *Phys. Rev. Lett.* **2009**, *103*.
47. Johnson, M. B.; James, D. D.; Bourque, A.; **Dabkowska, H. A.**; Gaulin, B. D.; White, M. A. Thermal Properties of the Pyrochlore, Y<sub>2</sub>Ti<sub>2</sub>O<sub>7</sub>. *J. Solid State Chem.* **2009**, *182*, 725–729.
48. Ferrarelli, M. C.; Sinclair, D. C.; West, A. R.; **Dabkowska, H. A.**; Dabkowski, A.; Luke, G. M. Comment on the Origin(s) of the Giant Permittivity Effect in CaCu<sub>3</sub>Ti<sub>4</sub>O<sub>12</sub> Single Crystals and Ceramics. *J. Mater. Chem.* **2009**, *19*, 5916–5919.

49. Clancy, J. P.; Ruff, J. P. C.; Dunsiger, S. R.; Zhao, Y.; **Dabkowska, H. A.**; Gardner, J. S.; Qiu, Y.; Copley, J. R. D.; Jenkins, T.; Gaulin, B. D. Revisiting Static and Dynamic Spin-Ice Correlations in Ho<sub>2</sub>Ti<sub>2</sub>O<sub>7</sub> with Neutron Scattering. *Phys. Rev. B* **2009**, *79*.
50. Aczel, A. A.; Kohama, Y.; Marcenat, C.; Weickert, F.; Jaime, M.; Ayala-Valenzuela, O. E.; McDonald, R. D.; Selesnic, S. D.; **Dabkowska, H. A.**; Luke, G. M. Field-Induced Bose-Einstein Condensation of Triplons up to 8 K in Sr<sub>3</sub>Cr<sub>2</sub>O<sub>8</sub>. *Phys. Rev. Lett.* **2009**, *103*.
51. Aczel, A. A.; Kohama, Y.; Jaime, M.; Ninios, K.; Chan, H. B.; Balicas, L.; **Dabkowska, H. A.**; Luke, G. M. Bose-Einstein Condensation of Triplons in Ba<sub>3</sub>Cr<sub>2</sub>O<sub>8</sub>. *Phys. Rev. B* **2009**, *79*.
52. Hanna A. Dabkowska, A. Dabkowski and J.E.Greedan "Growth and Properties of Single Crystals of Relaxor Materials Obtained by Modified Bridgman Method" in "Crystal growth of technologically important electronic materials" Editors: K.Byrappa, T. Ohachi, H.Klapper and R. Fornari Allied Publishers pvt. Ltd, 2003 p. 355 - 363.
53. Sebastian, S. E.; Harrison, N.; Sengupta, P.; Batista, C. D.; Francoal, S.; Palm, E.; Murphy, T.; Marcano, N.; **Dabkowska, H. A.**; Gaulin, B. D. Fractalization Drives Crystalline States in a Frustrated Spin System. *Proc. Natl. Acad. Sci. U. S. A.* **2008**, *105*, 20157–20160.
54. Rule, K. C.; Lewis, M. J.; **Dabkowska, H. A.**; Taylor, D. R.; Gaulin, B. D. Critical x-Ray Scattering Studies of Jahn-Teller Phase Transitions in TbV(1-x)As(x)O(4). *Phys. Rev. B* **2008**, *77*.
55. Ruff, J. P. C.; Clancy, J. P.; Bourque, A.; White, M. A.; Ramazanoglu, M.; Gardner, J. S.; Qiu, Y.; Copley, J. R. D.; Johnson, M. B.; **Dabkowska, H. A.**; *et al.* Spin Waves and Quantum Criticality in the Frustrated XY Pyrochlore Antiferromagnet Er<sub>2</sub>Ti<sub>2</sub>O<sub>7</sub>. *Phys. Rev. Lett.* **2008**, *101*.
56. Radtke, G.; Saul, A.; **Dabkowska, H. A.**; Gaulin, B. D.; Botton, G. A. Electronic Structure of the Quasi-Two-Dimensional Spin-Gap System SrCu<sub>2</sub>(BO<sub>3</sub>)<sub>2</sub>: Experiment and Theory. *Phys. Rev. B* **2008**, *77*.
57. Dunsiger, S. R.; Zhao, Y.; Yamani, Z.; Buyers, W. J. L.; **Dabkowska, H. A.**; Gaulin, B. D. Incommensurate Spin Ordering and Fluctuations in Underdoped La<sub>2-x</sub>Ba<sub>x</sub>CuO<sub>4</sub>. *Phys. Rev. B* **2008**, *77*.
58. Dunsiger, S. R.; Zhao, Y.; Gaulin, B. D.; Qiu, Y.; Bourges, P.; Sidis, Y.; Copley, J. R. D.; Kallin, A.; Mazurek, E. M.; **Dabkowska, H. A.** Diagonal and Collinear Incommensurate Spin Structures in Underdoped La<sub>2-x</sub>Ba<sub>x</sub>CuO<sub>4</sub>. *Phys. Rev. B* **2008**, *78*.
59. Aczel, A. A.; **Dabkowska, H. A.**; Provencher, P. R.; Luke, G. M. Crystal Growth and Characterization of the New Spin Dimer System Ba<sub>3</sub>Cr<sub>2</sub>O<sub>8</sub>. *J. Cryst. Growth* **2008**, *310*, 870–873.
60. Zhao, Y.; Gaulin, B. D.; Castellán, J. P.; Ruff, J. P. C.; Dunsiger, S. R.; Gu, G. D.; **Dabkowska, H. A.** High-Resolution x-Ray Scattering Studies of Structural Phase Transitions in Underdoped La(2-x)Ba(x)CuO(4). *Phys. Rev. B* **2007**, *76*.
61. Rule, K. C.; Ehlers, G.; Stewart, J. R.; Cornelius, A. L.; Deen, P. P.; Qiu, Y.; Wiebe, C. R.; Janik, J. A.; Zhou, H. D.; Antonio, D.; *et al.* Polarized Inelastic Neutron Scattering of the Partially Ordered Tb(2)Sn(2)O(7). *Phys. Rev. B* **2007**, *76*.
62. Ruff, J. P. C.; Gaulin, B. D.; Castellán, J. P.; Rule, K. C.; Clancy, J. P.; Rodriguez, J.; **Dabkowska, H. A.** Structural Fluctuations in the Spin-Liquid State of Tb(2)Ti(2)O(7). *Phys. Rev. Lett.* **2007**, *99*.
63. Hanna A. Dabkowska "Growth from high-temperature solutions" in "Elementary Crystal Growth" ed. by K.Sangwa, I SAAN Publishers, Lublin, 1994, p. 303-320
64. Haravifard, S.; Rule, K. C.; **Dabkowska, H. A.**; Gaulin, B. D.; Yamani, Z.; Buyers, W. J. L. Neutron and x-Ray Scattering Studies of the Lightly Doped Spin-Peierls System Cu<sub>1-x</sub>CdxGeO<sub>3</sub>. *J. PHYSICS-CONDENSED MATTER* **2007**, *19*.
65. Gatal'skaya, V. I.; Dabkowska, H.; Dube, P.; Greedan, J. E.; Shiryayev, S. V. Magnetic Properties of Single Crystals of a New Cobaltite TbBaCo<sub>4</sub>O<sub>7+x</sub>. *Phys. SOLID STATE* **2007**, *49*, 1125–1131.
66. **Dabkowska, H. A.**; Gaulin, B. D. Growth of Single Crystals of Selected Cuprates by the Optical Floating Zone

Technique. *J. Optoelectron. Adv. Mater.* **2007**, *9*, 1215–1220.

67. **Dabkowska, H. A.**; Dabkowski, A. B.; Luke, G. M.; Dunsiger, S. R.; Haravifard, S.; Cecchinell, M.; Gaulin, B. D. Crystal Growth and Magnetic Behaviour of Pure and Doped SrCu<sub>2</sub>(BO<sub>3</sub>)-B-11(2). *J. Cryst. Growth* **2007**, *306*, 123–128.
68. Aczel, A. A.; **Dabkowska, H. A.**; Britten, J. F.; Harrington, L. E.; Luke, G. M. Barium Chromium Oxide, Ba<sub>3</sub>Cr<sub>2</sub>O<sub>8</sub>, as Grown by the Traveling Solvent Floating-Zone Technique. *ACTA Crystallogr. Sect. E-STRUCTURE REPORTS ONLINE* **2007**, *63*, I196–U45.
69. Aczel, A. A.; MacDougall, G. J.; Rodriguez, J. A.; Luke, G. M.; Russo, P. L.; Savici, A. T.; Uemura, Y. J.; **Dabkowska, H. A.**; Wiebe, C. R.; Janik, J. A.; *et al.* Impurity-Induced Singlet Breaking in SrCu<sub>2</sub>(BO<sub>3</sub>)(2). *Phys. Rev. B* **2007**, *76*.
70. Sefat, A. S.; Greedan, J. E.; Luke, G. M.; Niewczas, M.; Garrett, J. D.; **Dabkowska, H.**; Dabkowski, A. Anderson-Mott Transition Induced by Hole Doping in Nd<sub>1-x</sub>TiO<sub>3</sub>. *Phys. Rev. B* **2006**, *74*.
71. Rule, K. C.; Ruff, J. P. C.; Gaulin, B. D.; Dunsiger, S. R.; Gardner, J. S.; Clancy, J. P.; Lewis, M. J.; **Dabkowska, H. A.**; Mirebeau, I.; Manuel, P.; *et al.* Field-Induced Order and Spin Waves in the Pyrochlore Antiferromagnet Tb<sub>2</sub>Ti<sub>2</sub>O<sub>7</sub>. *Phys. Rev. Lett.* **2006**, *96*.
72. Hanna A. Dabkowska "Wzrost kryształów z topników" in "Wzroście Kryształów" ed. By K.Sangwał Wydawnictwo Wyższej Szkoły Pedagogicznej w Częstochowie, 1990 p. 296- 319
73. Haravifard, S.; Dunsiger, S. R.; Shawish, S. El; Gaulin, B. D.; **Dabkowska, H. A.**; Telling, M. T. F.; Perring, T. G.; Bonca, J. In-Gap Spin Excitations and Finite Triplet Lifetimes in the Dilute Singlet Ground State System SrCu<sub>2-x</sub>Mgx(BO<sub>3</sub>)(2). *Phys. Rev. Lett.* **2006**, *97*.
74. Gu, G. D.; Hucker, M.; Kim, Y. J.; Tranquada, J. M.; **Dabkowska, H.**; Luke, G. M.; Timusk, T.; Gaulin, B. D.; Li, Q.; Moodenbaugh, A. R. Crystal Growth and Superconductivity of (La<sub>1-x</sub>Cax)<sub>2</sub>CaCu<sub>2</sub>O<sub>6+δ</sub>. *J. Phys. Chem. Solids* **2006**, *67*, 431–434.
75. Castellan, J. P.; Gaulin, B. D.; **Dabkowska, H. A.**; Nabialek, A.; Gu, G.; Liu, X.; Islam, Z. Two- and Three-Dimensional Incommensurate Modulation in Optimally-Doped Bi<sub>2</sub>Sr<sub>2</sub>CaCu<sub>2</sub>O<sub>8+δ</sub>. *Phys. Rev. B* **2006**, *73*.
76. Lewis, M. J.; Gaulin, B. D.; Filion, L.; Kallin, C.; Berlinsky, A. J.; **Dabkowska, H. A.**; Qiu, Y.; Copley, J. R. D. Ordering and Spin Waves in NaNiO<sub>2</sub>: A Stacked Quantum Ferromagnet. *Phys. Rev. B* **2005**, *72*.
77. Jorge, G. A.; Stern, R.; Jaime, M.; Harrison, N.; Bonca, J.; Shawish, S. El; Batista, C. D.; **Dabkowska, H. A.**; Gaulin, B. D. Crystal Symmetry and High-Magnetic-Field Specific Heat of SrCu<sub>2</sub>(BO<sub>3</sub>)(2). *Phys. Rev. B* **2005**, *71*.
78. Jorge, G.; Jaime, M.; Harrison, N.; Stern, R.; Dabkowska, H.; Gaulin, B. D. High Magnetic Field Magnetization and Specific Heat of the 2D Spin-Dimer System SrCu<sub>2</sub>(BO<sub>3</sub>)(2). *J. Alloys Compd.* **2004**, *369*, 90–92.
79. Gaulin, B. D.; Lee, S. H.; Haravifard, S.; Castellan, J. P.; Berlinsky, A. J.; **Dabkowska, H. A.**; Qiu, Y.; Copley, J. R. D. High-Resolution Study of Spin Excitations in the Singlet Ground State of SrCu<sub>2</sub>(BO<sub>3</sub>)(2). *Phys. Rev. Lett.* **2004**, *93*.
80. Dabkowski, A.; **Dabkowska, H. A.**; Greedan, J. E.; Ren, W.; Mukherjee, B. K. Growth and Properties of Single Crystals of Relaxor PZN-PT Materials Obtained from High-Temperature Solution. *J. Cryst. Growth* **2004**, *265*, 204–213.
81. Nabialek, A.; Niewczas, M.; **Dabkowska, H.**; Dabkowski, A.; Castellan, J. P.; Gaulin, B. D. Magnetic Flux Jumps in Textured Bi<sub>2</sub>Sr<sub>2</sub>CaCu<sub>2</sub>O<sub>8+δ</sub>. *Phys. Rev. B* **2003**, *67*.
82. Nabialek, A.; Chabanenko, V.; Rusakov, V.; Vasiliev, S.; Szymczak, H.; Piechota, S.; **Dabkowska, H.**; Dabkowski, A.; Gaulin, B. D.; Niewczas, M.; *et al.* The Peculiarities of Magnetic Flux Dynamics at Magnetothermal Instability in Textured Bi<sub>2</sub>Sr<sub>2</sub>CaCu<sub>2</sub>O<sub>8+δ</sub>. *J. LOW Temp. Phys.* **2003**, *130*, 425–433.
83. Mosiniewicz-Szablewska, E.; Swiatek, K.; **Dabkowska, H.** Influence of Neutron and Heavy-Ion Irradiation on EPR Spectra of CuGeO<sub>3</sub>. *Appl. Magn. Reson.* **2003**, *24*, 361–367.

84. Rovers, M. T.; Kyriakou, P. P.; **Dabkowska, H. A.**; Luke, G. M.; Larkin, M. I.; Savici, A. T. Muon-Spin-Relaxation Investigation of the Spin Dynamics of Geometrically Frustrated Chromium Spinel. *Phys. Rev. B* **2002**, *66*.
85. Imanaka, N.; Hiraiwa, M.; Tamura, S.; Adachi, G.; **Dabkowska, H.**; Dabkowski, A. Al<sup>3+</sup> Ion Conducting Behavior in Single Crystal of Aluminum Tungstate-Scandium Tungstate Solid Solution. *Mater. Lett.* **2002**, *55*, 93–96.
86. Imanaka, N.; Hiraiwa, M.; Tamura, S.; Adachi, G.; **Dabkowska, H.**; Dabkowski, A. Anisotropic Trivalent Ion Conducting Behavior in Single Crystals of Aluminum Tungstate-Scandium Tungstate Solid Solution. *J. Mater. Sci.* **2002**, *37*, 3483–3487.
87. **Dabkowska, H. A.**; Gaulin, B. D.; Dabkowski, A.; Luke, G. M.; Britten, J. F. Ytterbium Cobalt Gallium Oxide, YbCoGaO<sub>4</sub>, as Grown by the Floating Zone Technique. *ACTA Crystallogr. Sect. E-STRUCTURE REPORTS ONLINE* **2002**, *58*, I1–I2.
88. **Dabkowska, H. A.**; Dabkowski, A.; Luke, G. M.; Gaulin, B. D. Crystal Growth, Structure and Magnetic Behavior of Ytterbium Cobalt Gallium Oxide YbCoGaO<sub>4</sub>. *J. Cryst. Growth* **2002**, *234*, 411–414.
89. Bjork, H.; **Dabkowska, H.**; Greedan, J. E.; Gustafsson, T.; Thomas, J. O. (Li<sub>0.91</sub>Mn<sub>0.09</sub>)Mn<sub>2</sub>O<sub>4</sub>. *ACTA Crystallogr. Sect. C-CRYSTAL Struct. Commun.* **2001**, *57*, 331–332.
90. Mosiniewicz-Szablewska, E.; Gladczyk, L.; **Dabkowska, H. A.**; Pytel, B.; Szymczak, H. Effect of Neutron Irradiation on the EPR Spectra of CuGeO<sub>3</sub>. *ACTA Phys. Pol. A* **2000**, *97*, 897–900.
91. Imanaka, N.; Hiraiwa, M.; Tamura, S.; Adachi, G. Y.; **Dabkowska, H.**; Dabkowski, A. Single-Crystal Growth of Aluminum Tungstate-Lutetium Tungstate Solid Solution. *J. Cryst. Growth* **2000**, *209*, 217–219.
92. Imanaka, N.; Hiraiwa, M.; Adachi, G.; **Dabkowska, H.**; Dabkowski, A. Thermal Contraction Behavior in Al<sub>2</sub>(WO<sub>4</sub>)<sub>3</sub> Single Crystal. *J. Cryst. Growth* **2000**, *220*, 176–179.
93. Hiraiwa, M.; Tamura, S.; Imanaka, N.; Adachi, G.; **Dabkowska, H.**; Dabkowski, A. Single Crystal Growth of Trivalent Ion Conducting Aluminum Tungstate-Scandium Tungstate Solid Solutions. *SOLID STATE IONICS* **2000**, *136*, 427–430.
94. Gladczyk, L.; Mosiniewicz-Szablewska, E.; Szymczak, R.; Baran, M.; **Dabkowska, H. A.**; Choinski, J.; Czosnyka, T.; Szymczak, H. Effect of Heavy Ion Irradiation on the Magnetic Properties of CuGeO<sub>3</sub>. *ACTA Phys. Pol. A* **2000**, *97*, 871–874.
95. Gladczyk, L.; Mosiniewicz-Szablewska, E.; **Dabkowska, H.**; Baran, M.; Pytel, B.; Szymczak, R.; Szymczak, H. Low-Temperature Properties of Neutron Irradiated CuGeO<sub>3</sub> Single Crystals. *Phys. B* **2000**, *284*, 1635–1636.
96. Gaulin, B. D.; Lumsden, M. D.; Kremer, R. K.; Lumsden, M. A.; **Dabkowska, H.** Two Dimensional Ordering and Fluctuations in Alpha'-NaV<sub>2</sub>O<sub>5</sub>. *Phys. Rev. Lett.* **2000**, *84*, 3446–3449.
98. McGuire, J. J.; Room, T.; Mason, T. E.; Timusk, T.; **Dabkowska, H.**; Coad, S. M.; Paul, D. M. Far-Infrared Vibrational Mode in Cu<sub>1-x</sub>M<sub>x</sub>Ge<sub>1-y</sub>Si<sub>y</sub>O<sub>3</sub> (M=Zn,Cd,Ni). *Phys. Rev. B* **1999**, *59*, 1157–1161.
99. Imanaka, N.; Hiraiwa, M.; Tamura, S.; Adachi, G.; **Dabkowska, H.**; Dabkowski, A. Single-Crystal Growth of Aluminum Tungstate-Scandium Tungstate Solid Solution Samples by the Modified Czochralski Method. *J. Cryst. Growth* **1999**, *200*, 169–171.
100. Gladczyk, L.; Szymczak, R.; Baran, M.; **Dabkowska, H. A.**; Choinski, J.; Czosnyka, T.; Szymczak, H. The Magnetic Properties of CuGeO<sub>3</sub> Single Crystals Irradiated by Heavy Ions. *J. Supercond.* **1999**, *12*, 181–183.
101. Dabkowski, A.; **Dabkowska, H. A.**; Greedan, J. E.; Adachi, G.; Kobayashi, Y.; Tamura, S.; Hiraiwa, M.; Imanaka, N. Crystal Growth of Aluminum Tungstate Al<sub>2</sub>(WO<sub>4</sub>)<sub>3</sub> by the Czochralski Method from Nonstoichiometric Melt. *J. Cryst. Growth* **1999**, *197*, 879–882.
102. Schlom, D. G.; Jia, Y.; Zou, L. N.; Hanei, J. H.; Briczinski, S.; Zurbuchen, M. A.; Leitz, C. W.; Madhavan, S.; Wozniak, S.; Liu, Y.; *et al.* Searching for superconductivity in epitaxial films of copper-free layered oxides with the K<sub>2</sub>NiF<sub>4</sub> structure. In *SUPERCONDUCTING AND RELATED OXIDES: PHYSICS AND NANOENGINEERING III*; Pavuna, D and Bozovic, I, Ed.; 1998; Vol. 3481, pp. 226–240.

103. Lumsden, M. D.; Gaulin, B. D.; **Dabkowska, H.** X-Ray-Diffraction Study of Critical Phenomena at the Spin-Peierls Transition in CuGeO<sub>3</sub>. *Phys. Rev. B* **1998**, *57*, 14097–14104.
104. Lumsden, M. D.; Gaulin, B. D.; **Dabkowska, H.** Critical Phenomena at the Spin-Peierls Transition in Doped CnGeO(3). *Phys. Rev. B* **1998**, *58*, 12252–12259.
105. Imanaka, N.; Tamura, S.; Hiraiwa, M.; Adachi, G.; **Dabkowska, H.**; Dabkowski, A.; Greedan, J. E. Trivalent Aluminum Ion Conducting Characteristics in Al-2(WO<sub>4</sub>)(3) Single Crystals. *Chem. Mater.* **1998**, *10*, 2542–2545.
106. Schlom, D. G.; Merritt, B. A.; Madhavan, S.; Liu, Y.; Hawley, M. E.; Brown, G. W.; Dabkowski, A.; **Dabkowska, H. A.**; Uecker, R.; Reiche, P. Epitaxial YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7- $\delta$</sub> /Sr<sub>2</sub>RuO<sub>4</sub> heterostructures. In *EPITAXIAL OXIDE THIN FILMS III*; Schlom, DG and Eom, CB and Hawley, ME and Foster, CM and Speck, JS, Ed.; 1997; Vol. 474, pp. 85–90.
107. Schlom, D. G.; Knapp, S. B.; Wozniak, S.; Zou, L. N.; Park, J.; Liu, Y.; Hawley, M. E.; Brown, G. W.; Dabkowski, A.; **Dabkowska, H. A.**; *et al.* Growth of Epitaxial (Sr,Ba)(n+1)RuO<sub>3n+1</sub> Films. *Supercond. Sci. Technol.* **1997**, *10*, 891–895.
108. McConnell, A. W.; Timusk, T.; Dabkowski, A.; **Dabkowska, H. A.** Temperature Dependence of the FIR Reflectance of LaSrGaO<sub>4</sub>. *Phys. C* **1997**, *292*, 233–238.
109. Madhavan, S.; Mitchell, J. A.; Nemoto, T.; Wozniak, S.; Liu, Y.; Schlom, D. G.; Dabkowski, A.; **Dabkowska, H. A.** Growth of Epitaxial Sr<sub>2</sub>RuO<sub>4</sub> Films and YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7- $\delta$</sub> /Sr<sub>2</sub>RuO<sub>4</sub> Heterostructures. *J. Cryst. Growth* **1997**, *174*, 417–423.
110. Madhavan, S.; Liu, Y.; Schlom, D. G.; Dabkowski, A.; **Dabkowska, H. A.**; Suzuki, Y.; Takeuchi, I.; Trajanovic, Z.; Sharma, R. P. Epitaxial Sr<sub>2</sub>RuO<sub>4</sub> Heterostructures. *IEEE Trans. Appl. Supercond.* **1997**, *7*, 2063–2066.
111. Erdei, S.; McNeal, M.; Jang, S. J.; Cross, L. E.; Bhalla, A. S.; Ainger, F. W.; Dabkowski, A.; **Dabkowska, H. A.** Microwave Dielectric Property Measurements of LaSrGaO<sub>4</sub> Single Crystals Having Possible HTSC Substrate Applications. *J. Cryst. Growth* **1997**, *174*, 324–327.
112. Madhavan, S.; Schlom, D. G.; Dabkowski, A.; **Dabkowska, H. A.**; Liu, Y. Growth of Epitaxial a-Axis and c-Axis Oriented Sr<sub>2</sub>RuO<sub>4</sub> Films. *Appl. Phys. Lett.* **1996**, *68*, 559–561.
113. Madhavan, S.; Gibbons, B. J.; Dabkowski, A.; **Dabkowska, H. A.**; TrolierMcKinstry, S.; Liu, Y.; Schlom, D. G. Growth of epitaxial alpha-axis and c-axis oriented Sr<sub>2</sub>RuO<sub>4</sub> films. In *EPITAXIAL OXIDE THIN FILMS II*; Speck, JS and Fork, DK and Wolf, RM and Shiosaki, T, Ed.; 1996; Vol. 401, pp. 435–440.
114. Lumsden, M. D.; Gaulin, B. D.; Dabkowska, H.; Plumer, M. L. Critical Phenomena of the Spin-Peierls Transition in CuGeO<sub>3</sub>. *Phys. Rev. Lett.* **1996**, *76*, 4919–4922.
115. Lumsden, M. D.; Gaulin, B. D.; **Dabkowska, H.** Critical Properties of the Spin Peierls Transition in CuGeO<sub>3</sub>. *J. Appl. Phys.* **1996**, *79*, 5081–5083.
118. Liu, Y.; Mitchell, J. A.; Madhavan, S.; Schlom, D. G.; Dabkowski, A.; **Dabkowska, H. A.** Electrical Transport Studies of Epitaxial Sr<sub>2</sub>RuO<sub>4</sub> Films. *Czechoslov. J. Phys.* **1996**, *46*, 1113–1114.
116. Keren, A.; Kojima, K.; Le, L. P.; Luke, G. M.; Wu, W. D.; Uemura, Y. J.; Takano, M.; **Dabkowska, H.**; Gingras, M. J. P. Muon-Spin-Rotation Measurements in the Kagome Lattice Systems: Cr-Jarosite and Fe-Jarosite. *Phys. Rev. B* **1996**, *53*, 6451–6454.
117. **Dabkowska, H. A.** Single Crystal Growth and Characterization of Frustrated Antiferromagnet Sr<sub>1-x</sub>Pb<sub>1-x</sub>Cr<sub>x</sub>Ga<sub>12-x</sub>O<sub>19</sub>. *J. Cryst. Growth* **1996**, *165*, 179–182.
118. Maceachern, M. J.; **Dabkowska, H.**; Garrett, J. D.; Amow, G.; Gong, W. H.; Liu, G.; Greedan, J. E. Metal-Insulator Transitions In La<sub>1-x</sub>Ti<sub>3,0.0-Less-Than-Or-Equal-To-x-Less-Than-Or-Equal-To-0.33</sub> - Structure-Property Correlations (vol 6, Pg 2101, 1994). *Chem. Mater.* **1995**, *7*, 1750.
119. Britten, J. F.; **Dabkowska, H. A.**; Dabkowski, A. B.; Greedan, J. E.; Campbell, J. L.; Teesdale, W. J. Czochralski-Grown Sr<sub>1-x</sub>La<sub>x</sub>Ga<sub>12</sub>O<sub>19</sub>. *Acta Crystallogr. Sect. C-Crystal Struct. Commun.* **1995**, *51*, 1975–1977.

120. MCCONNELL, A. W.; HUGHES, R. A.; DABKOWSKI, A.; **Dabkowska, H. A.**; PRESTON, J. S.; GREEDAN, J. E.; TIMUSK, T. EVALUATION OF LASRGAO4 AS A SUBSTRATE FOR YBA2CU3O7-DELTA. *Phys. C* **1994**, *225*, 7–12.
121. MACEACHERN, M. J.; DABKOWSKA, H.; GARRETT, J. D.; AMOW, G.; GONG, W. H.; LIU, G.; GREEDAN, J. E. METAL-INSULATOR TRANSITIONS IN LA1-XTIO3, 0.0-LESS-THAN-OR-EQUAL-TO-X-LESS-THAN-OR-EQUAL-TO-0.33. STRUCTURE-PROPERTY CORRELATIONS. *Chem. Mater.* **1994**, *6*, 2092–2102.
122. IMANAKA, N.; ADACHI, G.; DABKOWSKA, H.; DABKOWSKI, A.; GREEDAN, J. E. FLUX GROWTH OF Y2CU2O5 SINGLE-CRYSTALS. *J. Cryst. Growth* **1994**, *141*, 150–152.
123. DABKOWSKI, A.; DABKOWSKA, H.; GREEDAN, J. E.; XUE, J. S.; STAGER, C. V GROWTH AND CHARACTERIZATION OF SUPERCONDUCTING SINGLE-CRYSTALS OF LAYERED 1212-PBSRYCACU OXIDE. *J. Cryst. Growth* **1993**, *126*, 471–479.
124. DABKOWSKI, A.; **Dabkowska, H. A.**; GREEDAN, J. E. SRLAGAO4 - CZOCHRALSKI CRYSTAL-GROWTH AND BASIC PROPERTIES. *J. Cryst. Growth* **1993**, *132*, 205–208.
125. DABKOWSKA, H.; DABKOWSKI, A.; GREEDAN, J. E. FLUX GROWTH OF SINGLE-CRYSTALS OF NDYPR1-YGAO3 SOLID-SOLUTIONS AS SUBSTRATES FOR HIGH-TEMPERATURE SUPERCONDUCTOR FILMS. *J. Cryst. Growth* **1993**, *128*, 699–703.
126. CHANGKANG, C.; WANKLYN, B. M.; DIEGUEZ, E.; COOK, A. J.; HODBY, J. W.; SCHWARTZBROD, A.; DABKOWSKI, A.; DABKOWSKA, H. PHASE-DIAGRAM AND CRYSTAL-GROWTH OF PB2SR2(YXCA1-X)CU3O8+Y. *J. Cryst. Growth* **1992**, *118*, 101–108.
127. XUE, J. S.; REEDYK, M.; DABKOWSKI, A.; DABKOWSKA, H.; GREEDAN, J. E.; CHEN, C. H. CRYSTAL-GROWTH AND CHARACTERIZATION OF SUPERCONDUCTING LEAD CUPRATES. *J. Cryst. Growth* **1991**, *113*, 371–378.
128. DABKOWSKA, H.; DABKOWSKI, A.; GREEDAN, J. E.; HUGHES, R.; LU, Y.; POULIN, D.; PRESTON, J.; STRACH, T.; TIMUSK, T. SINGLE-CRYSTAL GROWTH AND PROPERTIES OF NDGAO3, NDYPR1-YGAO3 AND LAAL1-XGAXO3 AS SUBSTRATES FOR HIGH-TEMPERATURE SUPERCONDUCTORS. In *SUPERCONDUCTIVITY AND ITS APPLICATIONS* /; KAO, YH and KALOYEROS, AE and KWOK, HS, Ed.; 1991; Vol. 251, pp. 102–107.
129. JASIOLEK, G.; DABKOWSKA, H. X-RAY-EMISSION STUDIES OF SOME REGAO3 SINGLE-CRYSTALS. *J. LESS-COMMON Met.* **1990**, *160*, 79–84.
130. WATTS, B. E.; DABKOWSKA, H.; WANKLYN, B. M. THE FLUX GROWTH OF PEROVSKITES (CATIO3, CDTIO3, SRZRO3 AND LAGAO3, PRGAO3, NDGAO3). *J. Cryst. Growth* **1989**, *94*, 125–130.
131. WANKLYN, B.; DABKOWSKA, H.; WATTS, B. E. SUPERCOOLING, INDUCTION TIMES AND NUCLEATION IN FLUX GROWTH - WO3 AS A MODEL SOLUTE. *Mater. Res. Bull.* **1986**, *21*, 1175–1182.
132. VANDERLAAN, G.; THOLE, B. T.; SAWATZKY, G. A.; GOEDKOOP, J. B.; FUGGLE, J. C.; ESTEVA, J. M.; KARNATAK, R.; REMEIKA, J. P.; **Dabkowska, H. A.** EXPERIMENTAL PROOF OF MAGNETIC-X-RAY DICHOISM. *Phys. Rev. B* **1986**, *34*, 6529–6531.
133. JASIOLEK, G.; **Dabkowska, H. A.** XES CHARACTERIZATION OF RARE-EARTH VANADATES. *J. Cryst. Growth* **1986**, *79*, 534–541.
134. DABKOWSKI, A.; DABKOWSKA, H.; JASIOLEK, G. SINGLE-CRYSTAL GROWTH-CONDITIONS AND CHARACTERIZATION OF SOME RARE-EARTH VANADATES. *J. LESS-COMMON Met.* **1985**, *110*, 255–257.
135. **Dabkowska, H. A.** FLUX GROWTH OF CDCR2O4 AND ZNCR2O4 SINGLE-CRYSTALS BY THE SLOW COOLING METHOD FROM DIFFERENT FLUXES. *J. Cryst. Growth* **1981**, *54*, 607–609.
136. Z.M.Stadnik, G.M.H.Calis, H.Lipko (**Dabkowska**). Spin Reorientation in Erbium Iron-Garnet, Solid State Communications 8719-722. (1981)



138. B.J.Garrard, B.M.Wanklyn, H.A.Lipko (**Dąbkowska**), Relative Supersaturation, Solubility and Supercooling in the System  $Tb_2O_3 - PbO-V_2O_5$ , J. Cryst. Growth. 1981;53297-299.
139. B.M. Wanklyn and H.Lipko (**Dąbkowska**): Solubility and relative supersaturation in the fluxed melt system  $Fe_2O_3-PbO-V_2O_5$ , J. Cryst. Growth, 49, 182, (1980).
140. A.Slawska-Waniewska, H.A.Lipko (**Dąbkowska**): The Effect of High hydrostatic pressure on Anisotropy Properties of  $YIGFe^{+2}$  Single Crystals, Phys.Stat.Sol. (a) 40; K39-K41; (1977)