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Journal articles and some other publications

79. **Synthesis of melt-grown crystalline $Mn_4Nb_2O_9$ (Mn^{2+} / Nb^{5+}) and $Fe_4Nb_2O_9$ (Fe^{2+} / Nb^{5+}) and study of their properties by thermogravimetry, powder x-ray diffraction, and a SQUID magnetometer**
Frank Lichtenberg
Published in 2017 by the library of the ETH Zurich / ETH Research Collection
via doi 10.3929/ethz-b-000220998 , 109 pages or slides
<https://doi.org/10.3929/ethz-b-000220998>
78. **Atomic-Scale Origin of the Quasi-One-Dimensional Metallic Conductivity in Strontium Niobates with Perovskite-Related Layered Structures**
Chunlin Chen, Deqiang Yin, Kazutoshi Inoue, Frank Lichtenberg, Xiuliang Ma, Yuichi Ikuhara, and Johannes Georg Bednorz
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77. **Global Formation of Topological Defects in the Multiferroic Hexagonal Manganites**
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76. **Presentation about a laboratory for the synthesis and study of (melt-grown) oxides and related topics**
Frank Lichtenberg
Published in 2017 by the library of the ETH Zurich / ETH Research Collection
via doi 10.3929/ethz-a-010817148 , 438 pages or slides
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75. **Properties and potentialities of oxides of the type $A_nB_nO_{3n+2}$**
Frank Lichtenberg
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