

## Publikace vztahující se k tématu disertace

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- [2] L. Kraus, A. Lynnyk, D. Azamat, J. Drahokoupil, J. Kopeček, M. Rameš: Multi-peak ferromagnetic resonance in Co nanowires array. *J. Magn. Magn. Mater.* **421** (2017) 241 – 249. Počet citací: 5
- [3] A. Sozinov, A. Soroka, N. Lanska, M. Rameš, L. Straka, K. Ullakko: Temperature dependence of twinning and magnetic stresses in Ni<sub>46</sub>Mn<sub>24</sub>Ga<sub>22</sub>Co<sub>4</sub>Cu<sub>4</sub> alloy with giant 12% magnetic field-induced strain. *Scr. Mater.* **131** (2017) 33 – 36. Počet citací: 28
- [4] M. Rameš, O. Heczko, A. Sozinov, K. Ullakko, L. Straka: Magnetic properties of Ni-Mn-Ga-Co-Cu tetragonal martensites exhibiting magnetic shape memory effect. *Scr. Mater.* **142** (2018) 61 – 65. Počet citací: 13
- [5] L. Straka, L. Fekete, M. Rameš, E. Belas, O. Heczko: Magnetic coercivity control by heat treatment in Heusler Ni-Mn-Ga(-B) single crystals. *Acta Mater.* **169** (2019) 109 – 121. Počet citací: 12
- [6] M. Zelený, L. Straka, M. Rameš, A. Sozinov, O. Heczko: Origin of magnetocrystalline anisotropy in Ni-Mn-Ga-Co-Cu tetragonal martensite. *J. Magn. Magn. Mater.* **503** (2020) 166522-1 – 166522-8. Počet citací: 12
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- [9] S. Samothrakitis, C. B. Larsen, R. Woracek, L. Heller, J. Kopeček, G. Gerstein, H. J. Maier, M. Rameš, M. Tovar, P. Šittner, S. Schmidt, M. Strobl: A multiscale study of hot-extruded CoNiGa ferromagnetic shape-memory alloys. *Mater. Des.* **196** (2020) 109118-1 – 109118-10. Počet citací: 5
- [10] D. Musiienko, F. Nilsén, A. Armstrong, M. Rameš, P. Veřtát, R. H. Colman, J. Čapek, P. Müllner, O. Heczko, L. Straka: Effect of crystal quality on twinning stress in Ni-Mn-Ga magnetic shape memory alloys. *J. Mater. Res. Technol.-JMRT* **14** (2021) 1934 – 1944. Počet citací: 7
- [11] M. Rameš, V. Kopecký, O. Heczko: Compositional dependence of magnetocrystalline anisotropy in Fe-, Co-, and Cu-alloyed Ni-Mn-Ga. *Metals* **12** (2022) 133-1 – 133-8. Počet citací: 0
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- [14] M. Jirsa, M. Rames, M. R. Koblishka, A. Koblishka-Veneva, K. Berger, B. Douine: Relaxation and pinning in spark-plasma sintered MgB<sub>2</sub> superconductor. *Supercond. Sci. Technol.* **29** (2016) 025006-1 – 025006-7. Počet citací: 11
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- [20] O. Heczko, M. Vronka, P. Veřtát, M. Rameš, K. Onderková, V. Kopecký, P. Krátká, Y. Ge: Mechanical stabilization of martensite in Cu-Ni-Al single crystal and unconventional way to detect it. *Shape Mem. Superelasticity* **4** (2018) 77 – 84. Počet citací: 2
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- [25] D. Král, L. Beran, M. Zelený, J. Zemen, R. Antoš, J. Hamrle, J. Zázvorka, M. Rameš, K. Onderková, O. Heczko, M. Veis: Magnetic and magneto-optical properties

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