

Bruno Weise

List of Publications by Year in descending order

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28
papers

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759233

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815
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Magnetization reversal, field-induced transitions and H - T phase diagram of $Y_{1-x}Ce_xCrO_3$. Journal of Physics Condensed Matter, 2022, 34, 065801. | 1.8 | 3 |
| 2 | Determination of the tricritical point, H - T phase diagram and exchange interactions in the antiferromagnet $MnTa_2O_6$. Journal of Physics Condensed Matter, 2022, 34, 155801. | 1.8 | 6 |
| 3 | Correlation between structure and magnetic ordering in tetragonally distorted off-stoichiometric spinels $Mn_{1-x}O_x$ and $Mn_{1-x}Ni_xO_4$. Physical Review Materials, 2022, 6, 064401. | 2.4 | 1 |
| 4 | Antiferromagnetic short-range order and cluster spin-glass state in diluted spinel $ZnTiCo_4$. Journal of Physics Condensed Matter, 2022, , . | 1.8 | 4 |
| 5 | Effect of Ce substitution on the local magnetic ordering and phonon instabilities in antiferromagnetic $DyCrO_3$ perovskites. Journal of Physics Condensed Matter, 2022, 34, 345803. | 1.8 | 3 |
| 6 | Low-Temperature Magnetothermodynamics Performance of $Tb_{1-x}Er_xNi_2$ Laves-Phases Compounds for Designing Composite Refrigerants. Crystals, 2022, 12, 931. | 2.2 | 3 |
| 7 | T_2 - and T_1 relaxivities and magnetic hyperthermia of iron-oxide nanoparticles combined with paramagnetic Gd complexes. Journal of Chemical Sciences, 2021, 133, 1. | 1.5 | 4 |
| 8 | Magnetic field-temperature phase diagram, exchange constants and specific heat exponents of the antiferromagnet $MnNb_2O_6$. Journal of Physics Condensed Matter, 2021, 33, 345801. | 1.8 | 6 |
| 9 | Evaluation of the effective temperature change in Gd-based composite wires assessed by static and pulsed-field magnetic measurements. Journal of Magnetism and Magnetic Materials, 2021, 536, 168115. | 2.3 | 2 |
| 10 | Magnetocaloric prospects of mutual substitutions of rare-earth elements in pseudobinary $Tb_{1-x}Ho_xNi_2$ compositions ($x=0.25-0.75$). Journal of Alloys and Compounds, 2021, 886, 161295. | 5.5 | 13 |
| 11 | Hydrostatic pressure induced giant enhancement of entropy change as driven by structural transition in $Mn_{0.9}Fe_{0.2}Ni_{0.9}Ge_{0.93}Si_{0.07}$. Journal of Applied Physics, 2021, 129, . | 2.5 | 1 |
| 12 | ROS-generation and cellular uptake behavior of amino-silica nanoparticles arisen from their uploading by both iron-oxides and hexamolybdenum clusters. Materials Science and Engineering C, 2020, 117, 111305. | 7.3 | 12 |
| 13 | Predicting the dominating factors during heat transfer in magnetocaloric composite wires. Materials and Design, 2020, 193, 108832. | 7.0 | 7 |
| 14 | Entropy of Conduction Electrons from Transport Experiments. Entropy, 2020, 22, 244. | 2.2 | 4 |
| 15 | Fluorescent magnetic nanoparticles for modulating the level of intracellular Ca^{2+} in motoneurons. Nanoscale, 2019, 11, 16103-16113. | 5.6 | 13 |
| 16 | Impression of magnetic clusters, critical behavior and magnetocaloric effect in Fe_3Al alloys. Physical Chemistry Chemical Physics, 2019, 21, 10823-10833. | 2.8 | 24 |
| 17 | Interfacial Thermal Resistance in Magnetocaloric Epoxy-Bonded $LaFeSi$ Composites. Energy Technology, 2018, 6, 1448-1452. | 3.8 | 11 |
| 18 | Magnetic structure and spin correlations in magnetoelectric honeycomb $Mn_4T_2O_{14}$. Physical Review B, 2018, 98, 040401. | 3.2 | 19 |

