

2023年度 物理工学 年次報告

2023年度の物理工学ユニットの年次報告として、当該年度に出版された学術論文リストを掲げる。(下線は、物理工学ユニット教員)

物性物理 (実験)

1. Nan N. Liu 1, Yulia A. Alekhina 1, Alexander P. Pyatakov 1, Nikolai S. Perov, Boris B. Kovalev, Gleb B. Sukhorukov, Alexander M. Tishin, Tomomasa Moriwaki, Kenta Nakazawa, Y. Ichiyanagi, “Investigation of impact of the annealing on magnetothermal properties of $Zn_{0.2}Mn_{0.8}Fe_2O_4$ ferrite nanoparticles” IEEE Magn. Lett. **14** 6100105 (2023). (IF=1.549) (10.1109/LMAG.2022.3233222)
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3. K. Nii, H. Amano, K. Ohara, K. Nakazawa, T. Sakamoto, T. Moriwaki, Y. Fujita, Y. Ichiyanagi, “Magnetic properties and XAFS analysis of PEG-coated Gd-doped ZnO nanoparticles”, IEEE Trans. Magn., **50**, 2300205 (2023). (IF=2.1) (10.1109/TMAG.2023.3290943)
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7. Y. Wako, S. Tsukamoto, T. Miyatake, M. Uehara, “Chemical substitution of Ni-site and O-site in high-Tc superconductor candidate $(Pr,Nd)_4Ni_3O_8$ ”, JPS Conf. Proc. **38**, 011049 (2023). (10.7566/JPSCP.38.011049)
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高エネルギー粒子物理

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