

Список основных публикаций А. А. Амирова по смежным оппонируемой диссертации Ли Чжэню «Динамика решетки, магнитные и электрофизические свойства наноструктурированных ортоферрита, феррит-граната и феррит-манганита иттербия» тематикам в рецензируемых изданиях за последние 5 лет:

1. A. Amirov Multiferroic, magnetic, and magnetoelectric nanomaterials for medical applications in book Magnetic Materials and Technologies for Medical Applications Pages 469-484 (2022) Publisher Woodhead Publishing <https://doi.org/10.1016/B978-0-12-822532-5.00003-0>
2. I.I. Makoed, N.A. Liedienov, H.Zhao, G.G. Levchenko, A.A. Amirov, G.S. Rymiski, A.M. Zhivulko, K.I. Yanushkevich Influence of rare-earth doping on the structural and magnetic properties of orthoferrite $\text{La}_{0.50}\text{R}_{0.50}\text{FeO}_3$ ceramics obtained under high pressure Journal of Physics and Chemistry of Solids, 170, (2022) 110926, DOI:10.1016/j.jpcs.2022.110926 (WoS, Scopus)
3. A.V. Trukhanov, K.A. Astapovich, M.A. Almessiere, V.A. Turchenko, E.L. Trukhanova, V.V. Korovushkin, A.A. Amirov, M.A. Darwish, D.V. Karpinsky, D.A. Vinnik, D.S. Klygach, M.G. Vakhitov, M.V. Zdorovets, A.L. Kozlovskiy, S.V. Trukhanov, Peculiarities of the magnetic structure and microwave properties in $\text{Ba}(\text{Fe}_{1-x}\text{Sc}_x)\text{12O}_{19}$ ($x < 0.1$) hexaferrites, Journal of Alloys and Compounds, 822, 153575 (2020), DOI: 10.1016/j.jallcom.2019.153575, IF=4.65, Q1, (WoS, Scopus)
4. D.A. Vinnik, E.A. Trofimov, V.E. Zhivulin, S.A. Gudkova, O.V. Zaitseva, D.A. Zharebtsov, A.Yu. Starikov, D.P. Sherstyuk, A.A. Amirov, A.V. Kalgin, S.V. Trukhanov, F.V. Podgornov, High Entropy Oxide Phases with Perovskite Structure, Nanomaterials, 10 (2), 268 (2020), DOI: 10.3390/nano10020268, IF=4.034, Q1, (WoS, Scopus)
5. I.I. Makoed, A.A. Amirov, N.A. Liedienov, A.V. Pashchenko, K.I. Yanushkevich, D.V. Yakimchuk, E.Yu. Kaniukov, Evolution of structure and magnetic properties in $\text{Eu}_x\text{Bi}_{1-x}\text{FeO}_3$ multiferroics obtained under high pressure,

Journal of Magnetism and Magnetic Materials, 489, 165379 (2019), DOI: 10.1016/j.jmmm.2019.165379, IF=2.683, Q2 (WoS, Scopus, RSCI)

6. I.I. Makoed, N.A. Liedienov, A.V. Pashchenko, G.G. Levchenko, D.D. Tatarchuk, Y.V. Didenko, A.A. Amirov, G.S. Rimski, K.I. Yanushkevich, Influence of rare-earth doping on the structural and dielectric properties of orthoferrite $\text{La}_{0.50}\text{R}_{0.50}\text{FeO}_3$ ceramics synthesized under high pressure, Journal of Alloys and Compounds, Volume 842, 2020, 155859, (WoS, Scopus)

7. I.I. Makoed, A.A. Amirov, N.A. Liedienov, A.V. Pashchenko, K.I. Yanushkevich, Predicted model of magnetocaloric effect in BiFeO_3 -based multiferroics, Solid State Sciences, 95, 105920 (2019), DOI: 10.1016/j.solidstatesciences.2019.06.009, IF=2.155, Q2 (WoS, Scopus, RSCI)

8. E.I. Salomatova, S.A. Odintsov, V.K. Sakharov, Yu.V. Khivintsev, A. A. Amirov, A.V. Sadovnikov. Spin wave propagation in a YIG/FeRh composite structure as a system of coupled microwave guides Physics of the Solid State, 64(9), (2022) 1263-1266, DOI:10.21883/PSS.2022.09.54161.12HH

9. S.A. Odintsov, A.A. Amirov, A.P. Kamantsev, A.A. Grachev, V.V. Rodionova, A.V. Sadovnikov Tunable spin wave propagation in YIG-Rh stripe IEEE Transactions on Magnetics, 58(2), (2021) 3085402, DOI:10.1109/TMAG.2021.3085402 (WoS, Scopus)