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- [1] Pustovalov E. V. Amorphous Alloys Atomic Structure Investigation by Means of Electron Microscopy and Diffraction / E. V. Pustovalov, A. N. Fedorets, V. V. Tkachev // Key Eng. Mat. - 2021. – Vol. 887. – P. 254-261.
- [2] Pustovalov E. V. 3D Structure Revealing of Thin Films by Means of Focal Series. / E. V. Pustovalov, A. F. Fedorets, E. B. Modin, V. V. Tkachev, V. S. Plotnikov // Defect Diffus. Forum. – Trans Tech Publications - 2018. – Vol. 386. – P. 332.
- [3] Mitsai E. Chemically non-perturbing SERS detection of a catalytic reaction with black silicon. / E. Mitsai, A. Kuchmizhak, E. Pustovalov, A. Sergeev, A. Mironenko, S. Bratskaya, D. P. Linklater, A. Balčytis, E. Ivanovad and S. Juodkazis // Nanoscale. – 2018. – Vol. 10. – №. 20. – P. 9780.
- [4] Frolov A. M. Dependency properties of the amorphous alloy Co₅₈Ni₁₀Fe₅Si₁₁B₁₆ on technological parameters of spinning. / A. M. Frolov, V. V. Tkachev, A. N. Fedorets, E. V. Pustovalov, G. S. Kraynova, S. V. Dolzhikov, N. V. Ilin, and A. K. Tsesarskaya // AIP Conf. Proc. - 2017. – Vol. 1874. – №. 1. – P. 040009.
- [5] Fedorets A. N. Crystallization processes in an amorphous Co-Fe-Cr-Si-B alloy under isothermal annealing / A. N. Fedorets, E. V. Pustovalov, V. S. Plotnikov, E. B. Modin, G. S. Kraynova, A. M. Frolov, V. V. Tkachev, and A. K. Tsesarskaya // AIP Conf. Proc. - 2017. – Vol. 1874. – №. 1. – P. 040008.
- [6] Balashev V. V. Evolution of the structural and magnetotransport properties of magnetite films depending on the temperature of their synthesis on the SiO₂/Si (001) surface / V. V. Balashev V. A. Vikulov, A. A. Dimitriev, T. A. Pisarenko, E. V. Pustovalov, V. V. Korobtsov // Phys. Met. Metallogr. – 2017. – Vol. 118. – №. 7. – P. 644.
- [7] Syubaev S. Direct laser printing of chiral plasmonic nanojets by vortex beams / S. Syubaev, A. Zhizhchenko, A. Kuchmizhak, A. Porfirev, E. Pustovalov, O. Vitrik, Yu. Kulchin, S. Khonina, and S. Kudryashov // Opt. express. – 2017. – Vol. 25. – №. 9. – P. 10214.
- [8] Gouralnik A. S. An approach to growth of Fe–Si multilayers with controlled composition profile—a way to exchange coupled thin films / A. S. Gouralnik, E. V. Pustovalov, K-W. Lin, A. L. Chuvilin, S. V. Chusovitina, S. A. Dotsenko, A. I. Cherednichenko, V. S. Plotnikov, V. A. Ivanov, V. I. Belokon, I. A. Tkachenko and N. G. Galkin // Nanotechnology. – 2017. – Vol. 28. – №. 11. – P. 115303.
- [9] Kuchmizhak A. On-fly femtosecond-laser fabrication of self-organized plasmonic nanotextures for chemo-and biosensing applications / A. Kuchmizhak, E. Pustovalov, S. Syubaev, O. Vitrik, Y. Kulchin, A. Porfirev, S. Khonina, S. Kudryashov, P. Danilov, A. Ionin // ACS appl. mater. inter. – 2016. – Vol. 8. – №. 37. – C. 24946-24955.
- [10] Bozhenko M. V. Structure and Optical Properties of Porous Silicon Formed on Silicon Substrates Treated with Compression Plasma Flow / M. V. Bozhenko, E. A. Chusovitin, N. G. Galkin, E. V. Pustovalov, V. V. Tkachev, A. V. Nepomnyaschiy, V. V. Mararov, V. M. Astashinsky, A. M. Kuzmitsky // Sol. St. Phen. – 2016. – Vol. 245. – P. 49.