

Сведения о ведущей организации:

полное наименование и сокращенное наименование

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список основных публикаций работников ведущей организации по теме диссертации за последние 5 лет (не более 15 публикаций):

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2. Lundin, A. A., Zobov, V. E. *Order dependence of the profile of the intensities of multiple-quantum coherences* // *J. Exp. Theor. Phys.* – 2015. – V. 120. – N. 5. – P. 762–771.
3. Zavel'skii, V. O., Lundin, A. A. *Effect of the structure of solid compounds on the shape of their NMR spectra and manifestations of dynamic chaos in paramagnetic spin systems* // *Russ. J. Phys. Chem. B.* – 2016. – V. 10. – N. 3. – P. 379–387.
4. Zobov, V. E., Lundin, A. A. *On the effect of an inhomogeneous magnetic field and many-body localization on the increase in the second moment of multiple-quantum NMR with time* // *JETP Lett.* – 2017. – V. 105. – N. 8. – P. 514–518.
5. Lundin, A. A., Zobov, V. E. *Asymptotic Similarity of Time Correlation Functions and Shape of the <sup>13</sup>C and <sup>29</sup>Si NMR Spectra in Diamond and Silicon* // *J. Exp. Theor. Phys.* – 2018. – V. 127. – N. 2. – P. 305–315.
6. Kholuiskaya, S., Kurkovskaya, L. *NMR Investigations of the Catalyst-Monomer Interaction and Stereochemistry of the Product in Catalytic Polymerization of 2-Hydroxyethyl Methacrylate* // *Appl. Magn. Reson.* – 2019. – V. 50. – N. 1–3. – P. 63–72.
7. Konstantinova, E. A., Minnekhanov, A. A., Kokorin, A. I., Sviridova, T. V., Sviridovi, D. V. *Determination of the Energy Levels of Paramagnetic Centers in the Band Gap of Nanostructured Oxide Semiconductors Using EPR Spectroscopy* // *J. Phys. Chem. C.* – 2018. – V. 122. – N. 18. – P. 10248–10254.
8. Buchachenko, A. L. *Magnetic isotopes as a means to elucidate Earth and environmental chemistry* // *Russ. Chem. Rev.* – 2018. – V. 87. – N. 8. – P. 727–740.
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10. Dalidchik, F. I., Kovalevskii, S. A., Balashov, E. M. *Resonance tunneling electron-vibrational spectroscopy of polyoxometalates* // *J. Chem. Phys.* – 2017. – V. 146. – N. 19.

11. Kokorin, A. I., Trommer, W. E., Halpern, H. J. *r Spin Probing and Labeling in Physical Chemistry* // *Appl. Magn. Reson.* – 2015. – V. 46. – N. 12. – P. 1331–1332.
12. Buchachenko, A. L., Pliss, E. M. *Hydrogen isotope effects and atom tunnelling* // *Russ. Chem. Rev.* – 2016. – V. 85. – N. 6. – P. 557–564.
13. Konstantinova, E. A., Kokorin, A. I., Minnekhanov, A. A., Sviridova, T. V., Sviridov, D. V. *EPR Study of Photoexcited Charge Carrier Behavior in TiO<sub>2</sub>/MoO<sub>3</sub> and TiO<sub>2</sub>/MoO<sub>3</sub>:V<sub>2</sub>O<sub>5</sub> Photocatalysts* // *Catal. Letters.* – 2019. – V. 149. – N. 8. – P. 2256–2267.
14. Mladenova-Kattnig, B., Grampp, G., Kokorin, A. I. *Influence of Pressure on the Intramolecular Spin Exchange in a Short Imidazolium-Nitroxide Biradical* // *Appl. Magn. Reson.* – 2017. – V. 48. – N. 4. – P. 327–334.
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