**Федеральное государственное бюджетное учреждение науки Институт прикладной физики Российской академии наук (ИПФ РАН)**

**СПИСОК ПУБЛИКАЦИЙ**

1. **Simonov, A.Y., Gordleeva, S.Y., Pisarchik, A.N., Kazantsev, V.B.** Synchronization with an arbitrary phase shift in a pair of synaptically coupled neural oscillators // *JETP Letters Volume 98, Issue 10, 2014, Pages 632-637*
2. **Koptev, M.Y., Anashkina, E.A. , Andrianov, A.V., Muravyev, S.V., Kim, A.V.** Two-color optically synchronized ultrashort pulses from a Tm/Yb-co-doped fiber amplifier // *Optics Letters Volume 39, Issue 7, 1 April 2014, Pages 2008-2011*
3. **Klinshov, V.V., Nekorkin, V.I.** Synchronization of delay-coupled oscillator networks // Physics-Uspekhi Volume 56, Issue 12, 2013, Pages 1217-1229
4. **V.I. Nekorkin, A.S. Dmitrichev, D.V. Kasatkin, V.S. Afraimovich,** “Reducing the sequential dynamics of excitatory neural networks to cellular automata”, // *Письма в ЖЭТФ. 2012, т.95, №9, с. 557-561.*
5. **Ginzburg, N.S., Zotova, I.V., Sergeev, A.S., Zaslavskii, V.G., Zheleznov, I.V.** Nonlinear dynamics of planar gyrotrons with transverse diffraction coupling of radiation // *Technical Physics Volume 57, Issue 8, August 2012, Pages 1135-1142*
6. **Courbage, M., Maslennikov, O.V., Nekorkin, V.I.** Synchronization in time-discrete model of two electrically coupled spike-bursting neurons // *Chaos, Solitons and Fractals Volume 45, Issue 5, May 2012, Pages 645-659*
7. **Didenkulova, I., Pelinovsky, E.,** Nonlinear wave evolution and runup in an inclined channel of a parabolic cross-section // *Physics of Fluids Volume 23, Issue 8, 9 August 2011, Article number 086602*
8. **V.I. Nekorkin, A.S. Dmitrichev, D.V. Kasatkin, V.S. Afraimovich,** “Relating the sequential dynamics of excitatory neural networks to synaptic cellular automata”, // *Chaos. 2011. V. 21(4), p. 043124-1–13.*
9. **Didenkulova, I., Pelinovsky, E.** Nonlinear wave evolution and runup in an inclined channel of a parabolic cross-section // *Physics of Fluids Volume 23, Issue 8, 9 August 2011, Article number 086602*
10. **Vlasov, S.N. , Koposova, E.V.** Theory of wideband instability at combination frequencies of a plane electromagnetic wave propagating in a nonlinear medium // *Radiophysics and Quantum Electronics Volume 54, Issue 3, August 2011, Pages 185-192*
11. **Pelinovsky, E.N. , Rodin, A.A.** Nonlinear deformation of a large-amplitude wave on shallow water // *Doklady Physics Volume 56, Issue 5, May 2011, Pages 305-308*
12. **D.G. Zakharov, V.I. Nekorkin,** “Synchronization in a model of interacting inferior olive cells with time-delayed coupling”, // *Int. J. Bifurcation and Chaos. 2010, v.20, № 6, p.1797-1801.*
13. **Д.Г. Захаров, В.И. Некоркин,** “Синхронизация в модели взаимодействующих нейронов нижних олив с переменной электрической связью”, // *Биофизика, т. 54, № 1, СС. 46-52, 2009.*
14. **Martyanov, V.Y., Kocharovsky, V.V., Kocharovsky, V.V.** Magnetostatic structures in collisionless plasma and their synchrotron radiation // *Astronomy Letters Volume 36, Issue 6, 2010, Pages 396-415*
15. **V.I. Nekorkin, A.S. Dmitrichev, J.M. Bilbault, S. Binczak**, Polymorphic and regular localized activity structures in a two-dimensional two-component reaction-diffusion lattice with complex threshold excitation, // *Physica D, 2010, v. 239, № 12, p.972-987.*