

**СПИСОК**  
**опубликованных научных работ сотрудников ведущей организации Санкт-**  
**Петербургского государственного политехнического университета Петра**  
**Великого по тематике оппонируемой диссертации**

№ п/п	Полное библиографическое наименование публикации	Импакт-фактор журнала	Кол-во цитирований
1	2	3	4
<i>а) научные работы</i>			
1.	A software for parameter optimization with Differential Evolution Entirely Parallel method <i>Kozlov K., Samsonov A.M., Samsonova M.</i> PeerJ Computer Science. 2016. Т. 2, С. e74	2,18	0
2.	Probing the D1 approximation to the linear Boltzmann equation in 3D <i>Rukolaine S.A., Chistiakova O.I.</i> International Journal of Heat and Mass Transfer. 2016. Т. 95. С. 7–14	2,857	0
3.	Generalized linear Boltzmann equation, describing non-classical particle transport, and related asymptotic solutions for small mean free paths <i>Rukolaine S.A.</i> Physica A: Statistical Mechanics and its Applications. 2016. Т. 450. С. 205–216.	1,785	0
4.	Analysis of functional importance of binding sites in the Drosophila gap gene network model <i>Kozlov K., Gursky V.V., Kulakovskiy I.V., Dymova A., Samsonova M.</i> BMC Genomics. 2015. Т. 16. №13. С. S7	3,867	0
5.	Differential Evolution approach to detect recent admixture <i>Kozlov K., Chebotarev D., Hassan M., Triska M., Triska P., Flegontov P., Tatarinova T.V.</i> BMC Genomics. 2015. Т. 16. №8. С. S9	3,867	1
6.	A model for the expression of gap genes based on the Jeffreys-type equation <i>Gula I.A., Samsonov A.M.</i> Bioinformatics. 2015. Т. 31. №5. С. 714–719	5,766	1
7.	Unphysical effects of the dual-phase-lag model of heat conduction <i>Rukolaine S.A.</i> International Journal of Heat and Mass Transfer. 2014. Т. 78. №. С. 58–63	2,559	12

8.	A new stochastic model for subgenomic hepatitis C virus replication considers drug resistant mutants <i>Ivanisenko N.V., Mishchenko E.L., Akberdin I.R., Demenkov P.S., Likhoshvai V.A., Kozlov K.N., Todorov D.I., Gursky V.V., Samsonova M.G., Samsonov A.M., Clausznitzer D.C., Kaderali L.K., Kolchanov N.A., Ivanisenko V.A.</i> PLoS ONE. 2014. T. 9. №3. C. e91502	3,234	5
9.	Sequence-based model of gap gene regulatory network <i>Kozlov K., Gursky V., Kulakovskiy I., Samsonova M.</i> BMC Genomics. 2014. T. 15. №12. C. S6	3,867	2
10.	Dynamics of miRNA driven feed-forward loop depends upon miRNA action mechanisms <i>Duk M.A., Samsonova M.G., Samsonov A.M.</i> BMC Genomics. 2014. T. 15. №12. C. S9	3,867	2
11.	Quantitative imaging of gene expression in drosophila embryos <i>Surkova S., Myasnikova E., Kozlov K.N., Pisarev A., Reinitz J., Samsonova M.</i> Cold Spring Harbor Protocols. 2013. T. 8. №6. C. 488–497	1,31	3
12.	Quantitative dynamics and increased variability of segmentation gene expression in the Drosophila Krüppel and knirps mutants <i>Surkova S., Golubkova E., Manu, Panok L., Mamon L., Reinitz J., Samsonova M.</i> Developmental Biology. 2013. T. 376. №1. C. 99–112	3,547	25
13.	Lack of tailless leads to an increase in expression variability in Drosophila embryos <i>Janssens H., Crombach A., Richard Wotton K., Cicin-Sain D., Surkova S., Lu Lim C., Samsonova M., Akam M., Jaeger J.</i> Developmental Biology. 2013. T. 377. №1. C. 305–317	3,547	15
14.	Modeling of Gap Gene Expression in Drosophila Kruppel Mutants <i>Kozlov K., Surkova S., Myasnikova E., Reinitz J., Samsonova M.</i> PLoS Computational Biology. 2012. T. 8. №8. C. e1002635	4,62	18
15.	Mechanisms of developmental robustness <i>Gursky V.V., Surkova S.Y., Samsonova M.G.</i> BioSystems. 2012. T. 109. №3. C. 329–335	1,548	14