

Списък с публикациите за конкурса на
Румяна Кирова Йорданова

1. Zhelyazkova, M., Yordanova, R., Mihaylov, I., Kirov, S., Tsonev, S., Danko, D., Mason, C., Vassilev, D. Origin Sample Prediction and Spatial Modeling of Antimicrobial Resistance in Metagenomic Sequencing Data, (2021) *Frontiers in Genetics*, 12, art. no. 642991
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102958521&doi=10.3389%2ffgene.2021.642991&partnerID=40&md5=53ff6153b2c82fab733bc789b1b1720a>
DOI: 10.3389/fgene.2021.642991, IF = 4.59 (2020), SJR = 1.41 (2020)
2. Putman, A.H., Wolen, A.R., Harenza, J.L., Yordanova, R.K., Webb, B.T., Chesler, E.J., Miles, M.F., Identification of quantitative trait loci and candidate genes for an anxiolytic-like response to ethanol in BXD recombinant inbred strains, (2016) *Genes, Brain and Behavior*, 15 (4), pp. 367-381.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962815380&doi=10.1111%2fgbb.12289&partnerID=40&md5=dfef37ff706f489b8e66db32e50f6f62>
DOI: 10.1111/gbb.12289
PUBMED ID: 26948279, IF = 3.74 (2016), SJR = 1.98(2016)
3. Ha, T., Swanson, D., Larouche, M., Glenn, R., Weeden, D., Zhang, P., Hamre, K., Langston, M., Phillips, C., Song, M., Ouyang, Z., Chesler, E., Duvvurru, S., Yordanova, R., Cui, Y., Campbell, K., Ricker, G., Phillips, C., Homayouni, R., Goldowitz, D., Cerebellar gene regulation in time and space, (2015) *Developmental Biology*, 397 (1), pp. 18-30.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915829364&doi=10.1016%2fj.ydbio.2014.09.032&partnerID=40&md5=3e74168ff7110cba7e0481aada2a7997>
DOI: 10.1016/j.ydbio.2014.09.032
PUBMED ID: 25446528, IF = 3.15 (2015), SJR = 2.56 (2015)
4. Orozco, L.D., Bennett, B.J., Farber, C.R., Ghazalpour, A., Pan, C., Che, N., Wen, P., Qi, H.X., Mutukulu, A., Siemers, N., Neuhaus, I., Yordanova, R., Gargalovic, P., Pellegrini, M., Kirchgessner, T., Lusa, A.J., Unraveling inflammatory responses using systems genetics and gene-environment interactions in macrophages, (2012) *Cell*, 151 (3), pp. 658-670.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868036620&doi=10.1016%2fj.cell.2012.08.043&partnerID=40&md5=2e8f71d8143c9ed7bc9d1627e00a8a84>
DOI: 10.1016/j.cell.2012.08.043
PUBMED ID: 23101632, IF = 31.957 (2012), SJR = 25 (2012)
5. Ha, T.J., Swanson, D.J., Kirova, R., Yeung, J., Choi, K., Tong, Y., Chesler, E.J., Goldowitz, D., Genome-wide microarray comparison reveals downstream genes of

- Pax6 in the developing mouse cerebellum, (2012) *European Journal of Neuroscience*, 36 (7), pp. 2888-2898.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866972217&doi=10.1111%2fj.1460-9568.2012.08221.x&partnerID=40&md5=84a61f75b65b9bbc3f6882a0bd6792a5>
 DOI: 10.1111/j.1460-9568.2012.08221.x
 PUBMED ID: 22817342, IF = 3.75 (2012), SJR = 2.52 (2012)
6. Ji, R.-R., Ott, K.-H., Yordanova, R., Bruccoleri, R.E., FDR-FET: An optimizing gene set enrichment analysis method, (2011) *Advances and Applications in Bioinformatics and Chemistry*, 4 (1), pp. 37-42.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79961011065&doi=10.2147%2fAABC.S15840&partnerID=40&md5=b50c6caf8a486b58466fcbd219f59614>
 DOI: 10.2147/AABC.S15840, SJR = 0.2 (2011)
 7. Ghazalpour, A., Bennett, B., Petyuk, V.A., Orozco, L., Hagopian, R., Mungrue, I.N., Farber, C.R., Sinsheimer, J., Kang, H.M., Furlotte, N., Park, C.C., Wen, P.-Z., Brewer, H., Weitz, K., Camp II, D.G., Pan, C., Yordanova, R., Neuhaus, I., Tilford, C., Siemers, N., Gargalovic, P., Eskin, E., Kirchgessner, T., Smith, D.J., Smith, R.D., Lusis, A.J., Comparative analysis of proteome and transcriptome variation in mouse, (2011) *PLoS Genetics*, 7 (6), art. no. e1001393, .
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959812980&doi=10.1371%2fjournal.pgen.1001393&partnerID=40&md5=86e5af7ac5cb58e1352778bba60c1c52>
 DOI: 10.1371/journal.pgen.1001393
 PUBMED ID: 21695224, IF = 8.69 (2011), SJR = 7.4 (2011)
 8. Romanoski, C.E., Lee, S., Kim, M.J., Ingram-Drake, L., Plaisier, C.L., Yordanova, R., Tilford, C., Guan, B., He, A., Gargalovic, P.S., Kirchgessner, T.G., Berliner, J.A., Lusis, A.J., Systems Genetics Analysis of Gene-by-Environment Interactions in Human Cells, (2010) *American Journal of Human Genetics*, 86 (3), pp. 399-410.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-77649236340&doi=10.1016%2fj.ajhg.2010.02.002&partnerID=40&md5=709ad721b60140189ea01426a37f1d47>
 DOI: 10.1016/j.ajhg.2010.02.002
 PUBMED ID: 20170901, IF = 11.6 (2010), SJR = 9.81 (2010)
 9. Bennett, B.J., Farber, C.R., Orozco, L., Kang, H.M., Ghazalpour, A., Siemers, N., Neubauer, M., Neuhaus, I., Yordanova, R., Guan, B., Truong, A., Yang, W.-P., He, A., Kayne, P., Gargalovic, P., Kirchgessner, T., Pan, C., Castellani, L.W., Kostem, E., Furlotte, N., Drake, T.A., Eskin, E., Lusis, A.J., A high-resolution association mapping panel for the dissection of complex traits in mice, (2010) *Genome Research*, 20 (2), pp. 281-290.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-75649122259&doi=10.1101%2fgr.099234.109&partnerID=40&md5=e08b5b643c7eb779b2415e7a241123f9>
 DOI: 10.1101/gr.099234.109
 PUBMED ID: 20054062, IF = 13.5 (2010), SJR = 12.47 (2010)

10. Baker, E.J., Jay, J.J., Philip, V.M., Zhang, Y., Li, Z., Kirova, R., Langston, M.A., Chesler, E.J., Ontological discovery environment: A system for integrating gene-phenotype associations, (2009) *Genomics*, 94 (6), pp. 377-387.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-70449134639&doi=10.1016%2fj.ygeno.2009.08.016&partnerID=40&md5=a0183a46c913b21fae884666342e9e98>
DOI: 10.1016/j.ygeno.2009.08.016
PUBMED ID: 19733230, IF = 3.3 (2009), SJR = 1.98 (2009)
11. Song, M., Lewis, C.K., Lance, E.R., Chesler, E.J., Yordanova, R.K., Langston, M.A., Lodowski, K.H., Bergeson, S.E., Reconstructing generalized logical networks of transcriptional regulation in mouse brain from temporal gene expression data, (2009) *Eurasip Journal on Bioinformatics and Systems Biology*, 2009, art. no. 545176,
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-63749101088&doi=10.1155%2f2009%2f545176&partnerID=40&md5=0462c050b231be5c47dbb19aa464b57b>
DOI: 10.1155/2009/545176, SJR = 0.68 (2009)