Olga I Zolotareva

List of Publications by Year in Descending Order

19 papers	322 citations	9 h-index	17 g-index
24 ext. papers	573 ext. citations	11.2 avg, IF	3.51 L-index

#	Paper	IF	Citations
19	Flimma: a federated and privacy-aware tool for differential gene expression analysis.. *Genome Biology*, **2021**, 22, 338	18.3	2
18	Out-of-distribution generalization from labelled and unlabelled gene expression data for drug response prediction. *Nature Machine Intelligence*, **2021**, 3, 962-972	22.5	1
17	The AIMe registry for artificial intelligence in biomedical research. *Nature Methods*, **2021**, 18, 1128-1131	21.6	11
16	Interpretable Drug Response Prediction using a Knowledge-based Neural Network **2021**,		2
15	AITL: Adversarial Inductive Transfer Learning with input and output space adaptation for pharmacogenomics. *Bioinformatics*, **2020**, 36, i380-i388	7.2	10
14	A Survey of Gene Prioritization Tools for Mendelian and Complex Human Diseases. *Journal of Integrative Bioinformatics*, **2019**, 16,	3.8	7
13	MOLI: multi-omics late integration with deep neural networks for drug response prediction. *Bioinformatics*, **2019**, 35, i501-i509	7.2	85
12	Comorbidity of asthma and hypertension may be mediated by shared genetic dysregulation and drug side effects. *Scientific Reports*, **2019**, 9, 16302	4.9	9
11	Novel candidate genes important for asthma and hypertension comorbidity revealed from associative gene networks. *BMC Medical Genomics*, **2018**, 11, 15	3.7	19
10	Search for New Candidate Genes Involved in the Comorbidity of Asthma and Hypertension Based on Automatic Analysis of Scientific Literature. *Journal of Integrative Bioinformatics*, **2018**, 15,	3.8	4
9	GenCoNet - A Graph Database for the Analysis of Comorbidities by Gene Networks. *Journal of Integrative Bioinformatics*, **2018**, 15,	3.8	6
8	Molecular Relationships between Bronchial Asthma and Hypertension as Comorbid Diseases. *Journal of Integrative Bioinformatics*, **2018**, 15,	3.8	9
7	Antigen receptor repertoire profiling from RNA-seq data. *Nature Biotechnology*, **2017**, 35, 908-911	44.5	125
6	Robotic QM/MM-driven maturation of antibody combining sites. *Science Advances*, **2016**, 2, e1501695	14.3	10
5	Whole exome sequencing links dental tumor to an autosomal-dominant mutation in ANO5 gene associated with gnathodiaphyseal dysplasia and muscle dystrophies. *Scientific Reports*, **2016**, 6, 26440	4.9	15
4	O3-13-01: Whole genome sequencing of late-onset Alzheimers disease patients from genetic isolate **2015**, 11, P250-P251		
3	MOLI: Multi-Omics Late Integration with deep neural networks for drug response prediction		2

2   AITL: Adversarial Inductive Transfer Learning with input and output space adaptation for pharmacogenomics   3

1   BDKANN - Biological Domain Knowledge-based Artificial Neural Network for drug response prediction   1