

# Yulia E Balykina

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

152  
citations

1307594

7  
h-index

1281871

11  
g-index

44  
all docs

44  
docs citations

44  
times ranked

160  
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting Ship Trajectory Based on Neural Networks Using AIS Data. Journal of Marine Science and Engineering, 2021, 9, 254.	2.6	31
2	A mathematical model for predicting the development of bacterial resistance based on the relationship between the level of antimicrobial resistance and the volume of antibiotic consumption. Journal of Global Antimicrobial Resistance, 2017, 8, 148-156.	2.2	24
3	Mathematical model of growing tumor. Applied Mathematical Sciences, 0, 8, 1455-1466.	0.1	14
4	CBRR Model for Predicting the Dynamics of the COVID-19 Epidemic in Real Time. Mathematics, 2020, 8, 1727.	2.2	10
5	What should be considered if you decide to build your own mathematical model for predicting the development of bacterial resistance? Recommendations based on a systematic review of the literature. Frontiers in Microbiology, 2015, 6, 352.	3.5	8
6	Cooperation between Sea Ports and Carriers in the Logistics Chain. Journal of Marine Science and Engineering, 2021, 9, 774.	2.6	8
7	The social-economic burden of spinal muscular atrophy in Russia. Farmakoekonomika, 2021, 13, 337-354.	1.2	7
8	Socio-economic burden of COVID-19 in the Russian Federation. Kachestvennaya Klinicheskaya Praktika, 2020, , 35-44.	0.5	7
9	Socioeconomic and global burden of COVID-19. Kachestvennaya Klinicheskaya Praktika, 2021, 20, 24-34.	0.5	6
10	Balance Model of COVID-19 Epidemic Based on Percentage Growth Rate. Informatics and Automation, 2021, 20, 1034-1064.	0.9	5
11	The data retrieval optimization from the perspective of evidence-based medicine. , 0, , .		4
12	Improving data retrieval quality: Evidence based medicine perspective. International Journal of Risk and Safety in Medicine, 2015, 27, S106-S107.	0.6	4
13	On the estimation of the attainability set of nonlinear control systems. AIP Conference Proceedings, 2015, , .	0.4	3
14	Health economic evaluation of risdiplam in patients with spinal muscular atrophy. Farmakoekonomika, 2021, 14, 299-310.	1.2	3
15	Modeling microbial drug-resistance: from mathematics to pharmacoconomics. Farmakoekonomika, 2018, 11, 27-36.	1.2	3
16	On the subject of asymptotic behavior of differential systems. AIP Conference Proceedings, 2016, , .	0.4	2
17	Optimization Approach for Estimating the Required Amount of Pharmaceuticals in the Russian Federation. Value in Health Regional Issues, 2018, 16, 39-45.	1.2	2
18	Analysis of standard clustering algorithms for grouping MEDLINE abstracts into evidence-based medicine intervention categories. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
19	Budget allocation planning for multi-sectoral investments. , 2015, , .		1
20	Pharmacoeconomic Analysis of the use of Everolimus Compared to Axitinib in Second Line Therapy of Patients with Metastatic Renal Cell Carcinoma. Value in Health, 2015, 18, A442.	0.3	1
21	Development Of Predictive Models For The Analysis Of The List Of Vital Essential And Necessary Drugs Compilation. Value in Health, 2016, 19, A448.	0.3	1
22	On the question of zero-controllability of nonstationary bilinear systems. , 2017, , .		1
23	Ambulance resources reallocation in St. Petersburg using imitation modelling approach. , 2017, , .		1
24	Cystic fibrosis as a social-economic burden. Kachestvennaya Klinicheskaya Praktika, 2021, , 38-49.	0.5	1
25	Comparative pharmacoeconomic evaluation of the treatment of type 2 diabetes mellitus with insulin degludec and insulin glargine in basal-bolus insulin therapy. Problemy Endokrinologii, 2017, 63, 307-319.	0.8	1
26	Health-economic analysis of tocilizumab in patients with rheumatoid arthritis and systemic juvenile arthritis. Kachestvennaya Klinicheskaya Praktika, 2020, , 23-34.	0.5	1
27	Pharmacoeconomic analysis of atezolizumab plus nab-paclitaxel in the treatment of the advanced or metastatic triple-negative breast cancer. Kachestvennaya Klinicheskaya Praktika, 2020, , 4-21.	0.5	1
28	Predicting the dynamics of the coronavirus (COVID-19) epidemic based on the case-based reasoning approach. Vestnik Sankt-Peterburgskogo Universiteta, Prikladnaya Matematika, Informatika, Protsessy Upravleniya, 2020, 16, 249-259.	0.2	1
29	First Russian Type 2 Diabetes Mellitus Simulation Model with Discrete Events Modeling. Health-Economic Analysis. Value in Health, 2013, 16, A437-A438.	0.3	0
30	Simulation approach to the problem of organizational decision making within companies. , 2014, , .		0
31	Cost-Effectiveness Analysis of Use of Dydrogesterone in Premenstrual Syndrome. Value in Health, 2014, 17, A508.	0.3	0
32	Budget Impact Analysis of the Treatment of Chronic Myeloid Leukemia with Tyrosine Kinase Inhibitors "Nilotinib in the First and Second Lines of Therapy. Value in Health, 2015, 18, A443.	0.3	0
33	On one analytic method of constructing program controls. Applied Mathematical Sciences, 2015, 9, 4019-4027.	0.1	0
34	Mathematical model of ambulance resources allocation with multiperiodicity. , 2015, , .		0
35	Investigating Levels of Bacterial Resistance and Antibiotic Consumption in the St. Petersburg State Medical University. Value in Health, 2015, 18, A515-A516.	0.3	0
36	Parametric and Non-Parametric Approaches for Predicting Bacterial Resistance. Value in Health, 2016, 19, A441-A442.	0.3	0

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37	Mathematical model of ambulance resources in Saint-Petersburg. AIP Conference Proceedings, 2016, , .	0.4	0
38	Online optimization algorithms for multi-armed. , 2017, , .		0
39	Analysis of attainability sets of bilinear control systems. AIP Conference Proceedings, 2017, , .	0.4	0
40	Pharmacoeconomic evaluation of ipragliflozin in combination with metformin in comparison with other regimens of therapy for type 2 diabetes mellitus. Kachestvennaya Klinicheskaya Praktika, 2021, , 50-63.	0.5	0
41	Clinical-economic evaluation of a screening for Pompe disease in children in the local conditions. Kachestvennaya Klinicheskaya Praktika, 2021, , 27-37.	0.5	0
42	Algorithm for Customers Loss Minimization with Possible Supply Chain Disruption. Communications in Computer and Information Science, 2020, , 142-149.	0.5	0
43	The clinical-economic characteristic of current basis-bolus insulin therapy schemes in diabetes mellitus type 1 in adults. Kachestvennaya Klinicheskaya Praktika, 2022, , 4-16.	0.5	0
44	Clinical-economic analysis of the target therapy in severe atopic dermatitis in adults. Kachestvennaya Klinicheskaya Praktika, 2022, , 17-29.	0.5	0