

Elizaveta Semenova

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

555
citations

1163117

8
h-index

1199594

12
g-index

18
all docs

18
docs citations

18
times ranked

1076
citing authors

#	ARTICLE	IF	CITATIONS
1	The use of Bayesian methodology in the development and validation of a tiered assessment approach towards prediction of rat acute oral toxicity. Archives of Toxicology, 2022, 96, 817-830.	4.2	4
2	Spatial and temporal fluctuations in COVID-19 fatality rates in Brazilian hospitals. Nature Medicine, 2022, 28, 1476-1485.	30.7	24
3	PriorVAE: encoding spatial priors with variational autoencoders for small-area estimation. Journal of the Royal Society Interface, 2022, 19, .	3.4	4
4	Uncertainty quantification in drug design. Drug Discovery Today, 2021, 26, 474-489.	6.4	39
5	Introduction to artificial intelligence and machine learning. , 2021, , 15-26.		10
6	Bayesian workflow for disease transmission modeling in Stan. Statistics in Medicine, 2021, 40, 6209-6234.	1.6	26
7	Flexible Fitting of PROTAC Concentrationâ€“Response Curves with Changepoint Gaussian Processes. SLAS Discovery, 2021, 26, 1212-1224.	2.7	2
8	Changing composition of SARS-CoV-2 lineages and rise of Delta variant in England. EClinicalMedicine, 2021, 39, 101064.	7.1	116
9	Track Omicronâ€™s spread with molecular data. Science, 2021, 374, 1454-1455.	12.6	103
10	Predicting Drug-Induced Liver Injury with Bayesian Machine Learning. Chemical Research in Toxicology, 2020, 33, 239-248.	3.3	69
11	Determining organ weight toxicity with Bayesian causal models: Improving on the analysis of relative organ weights. Scientific Reports, 2020, 10, 6625.	3.3	39
12	A Bayesian neural network for toxicity prediction. Computational Toxicology, 2020, 16, 100133.	3.3	29
13	Mathematical modeling of aeroelastic systems. AIP Conference Proceedings, 2017, , .	0.4	4