Alexey A Zaytsev

List of Publications by Year
in descending order

18 papers	230 citations	1040056 9 h-index	996975 15 g-index
18 all docs	18 docs citations	18 times ranked	175 citing authors

#	Article	IF	Citations
1	Data-driven model for the identification of the rock type at a drilling bit. Journal of Petroleum Science and Engineering, 2019, 178, 506-516.	4.2	43
2	Application of machine learning to accidents detection at directional drilling. Journal of Petroleum Science and Engineering, 2020, 184, 106519.	4.2	40
3	Regression on the basis of nonstationary Gaussian processes with Bayesian regularization. Journal of Communications Technology and Electronics, 2016, 61, 661-671.	0.5	22
4	Large scale variable fidelity surrogate modeling. Annals of Mathematics and Artificial Intelligence, 2017, 81, 167-186.	1.3	22
5	Surrogate modeling of multifidelity data for large samples. Journal of Communications Technology and Electronics, 2015, 60, 1348-1355.	0.5	18
6	Properties of the posterior distribution of a regression model based on Gaussian random fields. Automation and Remote Control, 2013, 74, 1645-1655.	0.8	13
7	Real-Time Data-Driven Detection of the Rock-Type Alteration During a Directional Drilling. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1861-1865.	3.1	12
8	The Bernstein-von Mises theorem for regression based on Gaussian Processes. Russian Mathematical Surveys, 2013, 68, 954-956.	0.6	11
9	Deep Ensembles for Imbalanced Classification. , 2017, , .		10
10	Recurrent Convolutional Neural Networks Help to Predict Location of Earthquakes. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	10
11	Similarity learning for wells based on logging data. Journal of Petroleum Science and Engineering, 2022, 215, 110690.	4.2	8
12	Properties of the Bayesian Parameter Estimation of a Regression Based on Gaussian Processes. Journal of Mathematical Sciences, 2014, 203, 789-798.	0.4	6
13	Optimising the Active Muon Shield for the SHiP Experiment at CERN. Journal of Physics: Conference Series, 2017, 934, 012050.	0.4	5
14	Usage of Multiple RTL Features for Earthquakes Prediction. Lecture Notes in Computer Science, 2019, , 556-565.	1.3	4
15	Reliable surrogate modeling of engineering data with more than two levels of fidelity. , 2016, , .		3
16	Unsupervised Anomaly Detection forÂDiscrete Sequence Healthcare Data. Lecture Notes in Computer Science, 2021, , 391-403.	1.3	1
17	Variable Fidelity Regression Using Low Fidelity Function Blackbox and Sparsification. Lecture Notes in Computer Science, 2016, , 147-164.	1.3	1
18	Out of Distribution Detection of Well Logs for AI-Assisted Formation Evaluation. , 2022, , .		1