

Aleksei Boikov

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic Data Generation for Steel Defect Detection and Classification Using Deep Learning. Symmetry, 2021, 13, 1176.	2.2	76
2	Universal Approach for DEM Parameters Calibration of Bulk Materials. Symmetry, 2021, 13, 1088.	2.2	8
3	Evaluation of bulk material behavior control method in technological units using DEM. Part 1. CIS Iron and Steel Review, 2020, , 4-7.	0.4	3
4	Evaluation of bulk material behavior control method in technological units using DEM. Part 2. CIS Iron and Steel Review, 2020, , 3-6.	0.4	16
5	DEM calibration approach: orthogonal experiment. Journal of Physics: Conference Series, 2019, 1210, 012025.	0.4	8
6	The control method concept of bulk material behaviour in the pelletizing drum for improving the results of DEM-modeling. CIS Iron and Steel Review, 2019, , 10-13.	0.4	9
7	Hydrocarboaliminate calcium application in aluminum processing for production of special cement brands. Journal of Physics: Conference Series, 2018, 1118, 012018.	0.4	6
8	DEM Calibration Approach: Implementing Contact Model. Journal of Physics: Conference Series, 2018, 1050, 012014.	0.4	7
9	DEM Calibration Approach: Random Forest. Journal of Physics: Conference Series, 2018, 1118, 012009.	0.4	12
10	Technical vision system for analysing the mechanical characteristics of bulk materials. Journal of Physics: Conference Series, 2018, 944, 012021.	0.4	12
11	DEM Calibration Approach: design of experiment. Journal of Physics: Conference Series, 2018, 1015, 032017.	0.4	23
12	The probability estimate of the defects of the asynchronous motors based on the complex method of diagnostics. IOP Conference Series: Earth and Environmental Science, 2017, 87, 032055.	0.3	6
13	The prediction of the residual life of electromechanical equipment based on the artificial neural network. IOP Conference Series: Earth and Environmental Science, 2017, 87, 032056.	0.3	25
14	APPLICATION OF CARBONACEOUS HOUSEHOLD WASTES AS FUEL FEEDSTOCK AT THERMO METALLURGICAL EQUIPMENT AND PROCESSES. Journal of Ecological Engineering, 2016, 17, 18-21.	1.1	1
15	A Contactless Method of Measuring the Cryolite Ratio in the Electrolytic Production of Aluminum. Measurement Techniques, 2015, 58, 219-222.	0.6	0
16	Optoelectronic method for monitoring the state of the cryolite melt in aluminum electrolyzers. Russian Journal of Non-Ferrous Metals, 2015, 56, 6-9.	0.6	3
17	Automated digitization of radial charts. Journal of Mining Institute, 0, 247, 82-87.	0.8	31