Vladislav Kovalnogov

List of Publications by Year
in descending order

14 papers	121 citations	1478458 6 h-index	1281846 11 g-index
14 all docs	14 docs citations	14 times ranked	28 citing authors

#	Article	IF	Citations
1	A four stages numerical pair with optimal phase and stability properties. Journal of Mathematical Chemistry, 2018, 56, 81-102.	1.5	27
2	Zeroing Neural Network for Pseudoinversion of an Arbitrary Time-Varying Matrix Based on Singular Value Decomposition. Mathematics, 2022, 10, 1208.	2.2	17
3	Perspective of mathematical modeling and research of targeted formation of disperse phase clusters in working media for the next-generation power engineering technologies. AIP Conference Proceedings, 2017, , .	0.4	13
4	DEVELOPMENT AND RESEARCH OF THE TECHNOLOGY OF ENRICHING LOW-GRADE SOLID FUELS WITH RECIRCULATING FLUE GASES FOR BOILER PLANTS. International Journal of Energy for A Clean Environment, 2016, 17, 145-163.	1.1	11
5	DEVELOPMENT AND INVESTIGATION OF THE TECHNOLOGIES INVOLVING THERMAL PROTECTION OF SURFACES IMMERSED IN DISPERSE WORKING MEDIUM FLOW. International Journal of Energy for A Clean Environment, 2016, 17, 223-239.	1.1	11
6	Applying the Random Forest Method to Improve Burner Efficiency. Mathematics, 2022, 10, 2143.	2.2	8
7	Modeling and analysis of the efficiency of the convective drying of capillary-porous bodies with ultrasound. , 2016, , .		7
8	A two-step singularly P-stable method with high phase and large stability properties for problems in chemistry. Journal of Mathematical Chemistry, 2022, 60, 475-501.	1.5	6
9	DEVELOPMENT AND RESEARCH OF AN INTELECTUAL POWER SYSTEM FOR CONTROLLING MICROCLIMATE IN BUILDINGS. International Journal of Energy for A Clean Environment, 2016, 17, 261-278.	1.1	5
10	Application of the results of experimental and numerical turbulent flow researches based on pressure pulsations analysis. AIP Conference Proceedings, 2017, , .	0.4	5
11	Modeling, research and optimization of heat losses during transport in energy systems. , 2016, , .		4
12	The mechanism and theoretical basis of the management of intensity of the heat transfer control through periodic influences on the turbulent boundary layer. AIP Conference Proceedings, 2017, , .	0.4	3
13	Method of calculation of a thermolysis and friction of a turbulent disperse flow in nozzles. AIP Conference Proceedings, 2017, , .	0.4	2
14	The modeling of influence of the external turbulence over the heat transfer towards the surface of turbomachinery blades. AIP Conference Proceedings, 2017, , .	0.4	2