

# Vladislav Kovalnogov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3308871/publications.pdf>

Version: 2024-02-01

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 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
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	Applying the Random Forest Method to Improve Burner Efficiency. Mathematics, 2022, 10, 2143.	2.2	8
4	A four stages numerical pair with optimal phase and stability properties. Journal of Mathematical Chemistry, 2018, 56, 81-102.	1.5	27
5	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
6	Method of calculation of a thermolysis and friction of a turbulent disperse flow in nozzles. AIP Conference Proceedings, 2017, , .	0.4	2
7	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
8	Application of the results of experimental and numerical turbulent flow researches based on pressure pulsations analysis. AIP Conference Proceedings, 2017, , .	0.4	5
9	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
10	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
11	DEVELOPMENT AND RESEARCH OF AN INTELLECTUAL POWER SYSTEM FOR CONTROLLING MICROCLIMATE IN BUILDINGS. International Journal of Energy for A Clean Environment, 2016, 17, 261-278.	1.1	5
12	DEVELOPMENT AND INVESTIGATION OF THE TECHNOLOGIES INVOLVING THERMAL PROTECTION OF SURFACES IMMERSSED IN DISPERSE WORKING MEDIUM FLOW. International Journal of Energy for A Clean Environment, 2016, 17, 223-239.	1.1	11
13	Modeling, research and optimization of heat losses during transport in energy systems. , 2016, , .		4
14	Modeling and analysis of the efficiency of the convective drying of capillary-porous bodies with ultrasound. , 2016, , .		7