Denis V Serdechnyy

List of Publications by Year
in descending order

13 papers	85 citations	1478505 6 h-index	1474206 9 g-index
13 all docs	13 docs citations	13 times ranked	58 citing authors

#	Article	IF	Citations
1	Mathematical Modeling of Dielectric Permeability and Volt-Ampere Characteristics of a Semiconductor Nanocomposite Conglomerate. Mathematics, 2022, 10, 596.	2.2	1
2	Analysis of the Forecast Price as a Factor of Sustainable Development of Agriculture. Agronomy, 2021, 11, 1235.	3.0	17
3	Mathematical Modeling of Layered Nanocomposite of Fractal Structure. Mathematics, 2021, 9, 1541.	2.2	10
4	Development of an Optimal Algorithm for Detecting Damaged and Diseased Potato Tubers Moving along a Conveyor Belt Using Computer Vision Systems. Agronomy, 2021, 11, 1980.	3.0	12
5	Mathematical Modeling, Analysis and Evaluation of the Complexity of Flight Paths of Groups of Unmanned Aerial Vehicles in Aviation and Transport Systems. Mathematics, 2021, 9, 2171.	2.2	8
6	Parallel Computational Algorithm for Object-Oriented Modeling of Manipulation Robots. Mathematics, 2021, 9, 2886.	2.2	5
7	Mathematics Model for 6-DOF Joints Manipulation Robots. Mathematics, 2021, 9, 2828.	2.2	11
8	Mathematical Modeling of Electrical Conductivity of Anisotropic Nanocomposite with Periodic Structure. Mathematics, 2021, 9, 2948.	2.2	3
9	Mathematical Modeling of the Electrophysical Properties of a Layered Nanocomposite Based on Silicon with an Ordered Structure. Mathematics, 2021, 9, 3167.	2.2	5
10	Transformation Method for Solving System of Boolean Algebraic Equations. Mathematics, 2021, 9, 3299.	2.2	7
11	Improving accuracy of determining the state of charge level of a lithium-ion energy storage device. , 2018, , .		2
12	Software and Digital Methods in the Natural Experiment for the Research of Dielectric Permeability of Nanocomposites. , 2018, , .		4
13	Determination of the parameters of balancing process of multielement lithium ion batteries. , 2016, , .		0