

# Sergey Oskin

## List of Publications by Year in descending order

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42  
papers

59  
citations

2257833

3  
h-index

2053595

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g-index

44  
all docs

44  
docs citations

44  
times ranked

9  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling the Main Physical Processes in Beehives. Biophysics (Russian Federation), 2019, 64, 129-136.	0.2	6
2	Acoustic and Magnetic Treatment Process Automatization in Hydroponic Solution Preparation System. , 2019, , .		6
3	Using Service Simulating Test in Designing of Tillage Combine. Acta Technologica Agriculturae, 2017, 20, 110-114.	0.2	6
4	Optimization of parameters of ecological-meliorative product for preseed treatment of soil. IOP Conference Series: Earth and Environmental Science, 2020, 488, 012045.	0.2	3
5	Increased Probability of Proper Operation of Filter Protection Devices Against Phase Failure at Voltage Asymmetry in Rural Electrical Networks. , 2020, , .		3
6	Defining Acceptable Motor Reduction in Variable-Speed Drives of Agricultural Machinery. , 2020, , .		3
7	The Simulation of Heat Supply System with a Scale Formation Factor to Enable Automation of Greenhouse Geothermal Heat Supply System. Machines, 2021, 9, 64.	1.2	3
8	Investigation of the Aerodynamic Characteristics of Electric Motors when Regulating Their Speed in the Comsol Package. , 2021, , .		3
9	Key ways of energy saving in pump units for melioration and irrigation systems. , 2017, , .		2
10	Preparation of disinfectant solution for use in agricultural production and processing industry. Journal of Physics: Conference Series, 2019, 1353, 012035.	0.3	2
11	Modeling of Thermophysical Processes in Electrically Heated Hives. Biophysics (Russian Federation), 2020, 65, 331-337.	0.2	2
12	One the issue of the energy and resource saving. E3S Web of Conferences, 2021, 262, 01027.	0.2	2
13	Graph-Analytical Method for Determining the Untreated and Treated with the Herbicide Area around the Stem with Over-lapping When the Working Body is Made in the Form of a Probe. IOP Conference Series: Earth and Environmental Science, 2021, 666, 032090.	0.2	2
14	Studying the Aerodynamic Characteristics of Electric Motors in COMSOL Multiphysics. , 2021, , .		2
15	Modeling process of water bubbling with ozone to obtain disinfectant solutions in beekeeping. , 2019, , .		2
16	Identification of most effective form of pulse voltage supply of electric windings of acoustic magnetic device processing liquid in water pipes. , 2018, , .		2
17	Method for Calculating Asynchronous Motor Slip in Tasks of Electric Drive. , 2018, , .		1
18	Investigation of Influence of Pulse Voltage Form on Change of Voltage Gradient of Magnetic Field in Working Zone of Acoustic and Magnetic Device Model. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
19	Modeling of physical and chemical processes in the electrical activator of water solutions. IOP Conference Series: Earth and Environmental Science, 2020, 488, 012031.	0.2	1
20	Thermal Protection Technology for Acousticâ€“Magnetic Device in a Geothermal Water Anti-Scaling System. Energies, 2021, 14, 6024.	1.6	1
21	RATIONAL SYNCHRONOUS ELECTRIC DRIVE OF AGRICULTURAL PUMPS. Journal of Experimental Biology and Agricultural Sciences, 2017, 5, 684-689.	0.1	1
22	Stochastic Models of Energy Audit Organization in Agrarian Enterprises. Lecture Notes in Networks and Systems, 2021, , 495-505.	0.5	1
23	Simulation of Spring Aggregation of Bees in Hives with Large Daily Fluctuations in Outdoor Temperature. Biophysics (Russian Federation), 2020, 65, 836-842.	0.2	1
24	Determining the Electrical Losses in the Electrical Supply Line of a Sprinkler Using Autonomous Asynchronous Generator. Journal of Physics: Conference Series, 2021, 2096, 012191.	0.3	1
25	Phase meter for measuring phase shifts between signals of different frequencies. Measurement Techniques, 1986, 29, 774-778.	0.2	0
26	Control Axial Pump Aggregate At Static Pressure Change. , 2018, , .		0
27	The models of physical processes of bees winter aggregation. Journal of Physics: Conference Series, 2019, 1278, 012028.	0.3	0
28	Electroactivator for Pesticide Solution. IOP Conference Series: Earth and Environmental Science, 2019, 272, 022163.	0.2	0
29	Innovative Turbine Expanders with Asynchronous Generators for the Use of Throttled Gas Energy. IOP Conference Series: Earth and Environmental Science, 2019, 272, 022164.	0.2	0
30	Application of reagent-free methods to eliminate the causes of salt deposition in thermal systems on geothermal sources. IOP Conference Series: Earth and Environmental Science, 2020, 488, 012029.	0.2	0
31	The thermal model of winter aggregation of bees. IOP Conference Series: Earth and Environmental Science, 2020, 488, 012030.	0.2	0
32	Improving the Efficiency of Protection Devices with Zero Sequence Voltage Filters in Rural Electrical Networks. , 2020, , .		0
33	Application of priority and delayqueuing system in non-stationary modes to determine the required number of repair personnel in rural distribution electric networks. IOP Conference Series: Earth and Environmental Science, 2020, 488, 012012.	0.2	0
34	Application of specialized software systems for determination of normal and emergency operation modes parameters of power distribution networks. IOP Conference Series: Earth and Environmental Science, 2020, 488, 012054.	0.2	0
35	Models of the Thermal Condition of Winter Aggregation of Bees with Electric Heaters Installed in the Hive. IOP Conference Series: Earth and Environmental Science, 2021, 666, 032091.	0.2	0
36	Using comsol multiphysics in study of beebread drying modes. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
37	Asynchronous Generator with a Switchable Stator Winding for Powering the Electrical Equipment of Sprinkling Machines: Research Results. , 2021, , .		0
38	Simulation of thermal processes in greenhouse. , 2021, , .		0
39	Simulation of physical and chemical processes in flow-through diaphragm electrolytic cell for agriculture. , 2021, , .		0
40	Asynchronous Generator Automated Control System for Supplying Electricity to Sprinkling Machine. , 2021, , .		0
41	Development and optimization of soil treatment equipment. , 2018, , .		0
42	Technique of creating new constructions of acoustic and magnetic devices based on theory of similarity as development of theory of experiment. , 2019, , .		0