

Denis Solovev

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

81
papers

558
citations

14
h-index

17
g-index

96
ext. papers

691
ext. citations

0.6
avg, IF

5.06
L-index

#	Paper	IF	Citations
81	Assessment of the Impact of Fires on the Steppe Phytocenoses of the Russian Federation. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 459, 042033	0.3	
80	The Content of the Physical Education in the Strategic Forces. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 459, 042049	0.3	
79	Life Environmental Assessment of Housing Safety as a Necessary Condition for Technosphere Human Security. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 753, 052039	0.4	
78	Organization of Management of Social and Economic Systems of the Region in the Conditions of the Required Technosphere Safety. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 459, 022081	0.3	1
77	Analysis and Evaluation of Factors of the Production Environment and Labor Process during a Special Assessment of Working Conditions in Company "ПО СМ" <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 459, 032040	0.3	1
76	Vertical Distribution of Cs-137 in Soils of Orel Region 30 Years after Chernobyl Accident. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 753, 052040	0.4	
75	The Study of Cement Concrete with Improved Properties Based on the Use of Activated Silica Fume. <i>Materials Science Forum</i> , 2020 , 992, 228-232	0.4	6
74	Failure Analysis of Polymer Blinder Using Acoustic Emission Method. <i>Materials Science Forum</i> , 2020 , 992, 1030-1035	0.4	8
73	Possibility Justification of Application of the Mecanochemical Method during Preparation of the Metal Structures' Surfaces under Repair and Reconstruction. <i>Materials Science Forum</i> , 2020 , 992, 585-589	0.4	7
72	An Optimal and Quasi-optimal Alternatives Determination in the Multicriteria Marketing Researches. <i>Smart Innovation, Systems and Technologies</i> , 2020 , 826-833	0.5	10
71	Exploring Research Methods and Dynamic Systems Toward Economic Development: An Overview. <i>Smart Innovation, Systems and Technologies</i> , 2020 , 1-29	0.5	7
70	Algorithmic Approach to the Assessment of Innovation. <i>Smart Innovation, Systems and Technologies</i> , 2020 , 31-50	0.5	2
69	The Education of Cadets and Psychological Aspect of the Reasons for Their Drop-Out of the National Military University. <i>Smart Innovation, Systems and Technologies</i> , 2020 , 1013-1023	0.5	3
68	Psychological Characteristics of Cadets from the Military Schools as Subjects of Educational Activity. <i>Smart Innovation, Systems and Technologies</i> , 2020 , 1025-1038	0.5	5
67	Reliability of Billboards Fixing Constructions in the Operational Period. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 459, 032039	0.3	
66	Model of Organizational Behavior in a Hierarchical Structure. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 459, 042003	0.3	1
65	Human Resources Policy of the Enterprise in the Conditions of Digitalization of the Economy: Change of Content and Prospects of Formation. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 459, 042050	0.3	

64	Sensitivity Analysis of Adaptive Holographic Fiber-Optic Acoustic Emission Sensors during the Registration of Acoustic Waves In a Plate. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 459, 062104	0.3	1
63	The Impact Evaluation of Factors on the Adhesion of Modified Polytetrafluoroethylene Films in a Glow Discharge Non-Thermal Plasma. <i>Materials Science Forum</i> , 2020 , 992, 658-662	0.4	7
62	Social Poll, as One of the Most Important Elements of a Complex Approach for Improvement of Banking. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 459, 032089	0.3	
61	The Effect of Radon Concentration at Liquid Nitrogen Temperature. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 459, 052019	0.3	
60	Increased Diamond Recovery from Metasomatically Altered Kimberlite Ores Through the Use of Ultrasonic and Electrochemical Effects in the Sticky Separation Cycle. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 459, 052095	0.3	
59	The Use of Effective Design Solutions and High-Tech Building Materials for Reconstructing Residential Buildings of Mass Development in 1960-1990. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 753, 032027	0.4	9
58	Visualization of the Cargo Orientation in Space under Movement by a Tower Crane in Low Visibility Conditions. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 753, 032065	0.4	7
57	Formation of the Sustainable Development Strategy of the Enterprises of Construction Complex and Housing Utility Services. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 753, 062006	0.4	6
56	Intelligent Control Algorithm for an Automated Autonomous Power Supply System 2020 ,		1
55	Using of Instruments of the State Support for Integration of Science and Business on the Example of Far Eastern Federal University. <i>Smart Innovation, Systems and Technologies</i> , 2020 , 923-933	0.5	8
54	Features of a Power Consumption of the Main Electro receivers of Coal Mine in the Conditions of the South of the Far East of the Russian Federation. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 272, 022001	0.3	3
53	Environmental Problems Mining Industry in the Arctic. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 272, 022055	0.3	0
52	The Grounds of Subject Area of Technosphere Studies. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 272, 032022	0.3	0
51	Improvement Possibilities of the Ways of the Bore Mud Desalinization. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 272, 032047	0.3	1
50	Interaction of Tops of Domains in Metal Nano of the Film. <i>Materials Science Forum</i> , 2019 , 945, 771-775	0.4	20
49	Investigation of the Stages of Damage Accumulation in Polymer Composite Materials. <i>Materials Science Forum</i> , 2019 , 945, 515-521	0.4	14
48	Modeling the Propagation of Elastic Ultrasonic Waves in Isotropic and Anisotropic Materials when Excited by Various Sources. <i>Materials Science Forum</i> , 2019 , 945, 926-931	0.4	20
47	Construction of a Generalized Fatigue Diagram of Metallic Materials. <i>Materials Science Forum</i> , 2019 , 945, 563-568	0.4	15

46	Energy Parameters of the Binder during Activation in the Vortex Layer Apparatus. <i>Materials Science Forum</i> , 2019 , 945, 98-103	0.4	30
45	Decomposition of Methane Hydrate with Heat Exposure. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 272, 032239	0.3	3
44	Creative Economy, 2019 , 13, 701	1.3	2
43	Mathematical Modeling in Innovation. <i>Smart Innovation, Systems and Technologies</i> , 2019 , 603-610	0.5	
42	Challenges of Implementing Rating System for Knowledge Assessment at the Russian Higher Education Institutions. <i>Smart Innovation, Systems and Technologies</i> , 2019 , 1-11	0.5	3
41	Specifics of assessing energy security of isolated energy service areas in territories with harsh climatic conditions. <i>International Journal of Energy Technology and Policy</i> , 2019 , 15, 236	1	2
40	Designing an Adaptive Software and Hardware Complex for Converting Solar Energy 2019 ,		3
39	Synthesis of an Adaptive System for Diagnosing the Quality of Automated Welding Products 2019 ,		6
38	Synthesis of Modal PI-Regulator with Multiple Integration 2019 ,		4
37	2019 ,		2
36	The Prospects of Chemical Fuel Cells for Private Generation 2019 ,		1
35	IT Application for Organizing of Research Competitions 2019 ,		2
34	Design of Intelligent Decision Support System for Robotized Welding Technological Processes Optimization 2019 ,		6
33	Scalable System with Rogowski Coil for E-management of Detection and Measurement of PLC Interference in Electric Power Grids 2019 ,		1
32	Basic Robotechnical Platform for Implementation of Accurate Farming Technologies 2018 , 7, 522-528		19
31	Selection of Digital Filter for Microprocessor Protection Relays. <i>International Journal of Electrical and Computer Engineering</i> , 2018 , 8, 1498	1.4	11
30	Experimental Data Based Current Transformer Mathematical Simulation in Micro-Cap Program. <i>International Review of Electrical Engineering</i> , 2018 , 13, 149	1.9	12
29	Energy and Exergy Analysis of Clinker Cooler in the Cement Industry. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 463, 032101	0.4	20

28	Rang Analysis of Distributed Electricity Consumers of Decentralized Energy Zones of the North and Arctic Regions of the Russian Federation 2018 ,			10
27	Algorithmization and Principles of Construction of Information Support of the Automated Module for Energy Outlays Optimization of Technological Processes at Robotized Productions 2018 ,			14
26	Cooling Load Calculations. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 463, 032030	0.4		16
25	Hardware Support of the Periodic Component Detection Algorithm Based on Zero-Crossing 2018 ,			4
24	Consideration of an Ecosystem From the Standpoint of Theory and Practice of Managing Production Systems. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 463, 022003	0.4		16
23	Features of the Geological Structure and Estimation of the Extraction Potential of the Sediments of the Bazhenov Formation in the Territory of Khanty-Mansiysk Autonomous Okrug. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 463, 022004	0.4		11
22	Dynamics of the Localized Pulse in Bubbly Liquid. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 463, 022002	0.4		16
21	Intelligent System for Prognostication and Optimization of Power Expenses of Technological Processes at Robotized Productions 2018 ,			11
20	2018 ,			8
19	Unexplored soils of the Western Yakutia. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 463, 022001	0.4		16
18	Instrument current transducer for measurements in asymmetrical conditions in three-phase circuits with upper harmonics. <i>International Journal of Electrical Power and Energy Systems</i> , 2017 , 84, 195-201	5.1		13
17	Improvement of protective relaying efficiency for motor drives at mineral processing plants 2017 ,			5
16	Increase in Efficiency of Use of Pedestrian Radiation Portal Monitors. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 262, 012200	0.4		3
15	Use of Portal Monitors for Detection of Technogenic Radioactive Sources in Scrap Metal. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 262, 012198	0.4		6
14	Mathematic simulation of mining company's power demand forecast (by example of "Neryungri" coal strip mine). <i>IOP Conference Series: Earth and Environmental Science</i> , 2017 , 87, 032003	0.3		14
13	Instrument current transducer for protective relaying systems 2017 ,			2
12	Implementation of noise-immune Rogowski coils for busbar differential protection modernization. <i>Electric Power Systems Research</i> , 2016 , 140, 965-975	3.5		10
11	Novel Active Current Transducers for Diesel Power Stations. <i>International Journal of Power Electronics and Drive Systems</i> , 2016 , 7, 152	1.5		9

10	Study of transient current measurement using micro-CAP circuit simulator 2016 ,		10
9	Study of transients in measuring circuits for negative sequence currents based on using rogowski coils 2016 ,		2
8	Instrument current transducers with Rogowski coils in protective relaying applications. <i>International Journal of Electrical Power and Energy Systems</i> , 2015 , 73, 107-113	5.1	16
7	Analysis of Modeling of Current Differential Protection. <i>International Journal of Power Electronics and Drive Systems</i> , 2015 , 6, 423	1.5	5
6	Analyzing Upcoming Trends in Development of Current Transducers for Automatic Equipment and Relay Protection: a Review. <i>International Review of Electrical Engineering</i> , 2015 , 10, 381	1.9	18
5	Estimation of the Service Lifetime of Layered Heat-Resistant Ni-Al and Ni-Cr-Al Coatings. <i>IOP Conference Series: Earth and Environmental Science</i> ,459, 062113	0.3	0
4	Influence of Crumb Rubber Vulcanization Degree on the Quality of Asphalt Concrete Used in Road Construction. <i>Materials Science Forum</i> ,992, 31-35	0.4	7
3	Modelling of Ultrasonic Concentrators for Processing of Volume Nanostructured Materials. <i>Materials Science Forum</i> ,992, 940-946	0.4	9
2	PCM Bearing Capacity Prediction Criteria Development Based on Registered AE Parameters. <i>IOP Conference Series: Earth and Environmental Science</i> ,459, 062105	0.3	1
1	Forecasting Methods Applied to Oil Production Deposits at Bazhenov Formation. <i>IOP Conference Series: Materials Science and Engineering</i> ,463, 022005	0.4	15