

# Denis Solovev

## List of Publications by Citations

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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	Energy Parameters of the Binder during Activation in the Vortex Layer Apparatus. <i>Materials Science Forum</i> , <b>2019</b> , 945, 98-103	0.4	30
80	Interaction of Tops of Domains in Metal Nano of the Film. <i>Materials Science Forum</i> , <b>2019</b> , 945, 771-775	0.4	20
79	Modeling the Propagation of Elastic Ultrasonic Waves in Isotropic and Anisotropic Materials when Excited by Various Sources. <i>Materials Science Forum</i> , <b>2019</b> , 945, 926-931	0.4	20
78	Energy and Exergy Analysis of Clinker Cooler in the Cement Industry. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 463, 032101	0.4	20
77	Basic Robotecnical Platform for Implementation of Accurate Farming Technologies <b>2018</b> , 7, 522-528		19
76	Analyzing Upcoming Trends in Development of Current Transducers for Automatic Equipment and Relay Protection: a Review. <i>International Review of Electrical Engineering</i> , <b>2015</b> , 10, 381	1.9	18
75	Instrument current transducers with Rogowski coils in protective relaying applications. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2015</b> , 73, 107-113	5.1	16
74	Cooling Load Calculations. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 463, 032030	0.4	16
73	Consideration of an Ecosystem From the Standpoint of Theory and Practice of Managing Production Systems. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 463, 022003	0.4	16
72	Dynamics of the Localized Pulse in Bubbly Liquid. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 463, 022002	0.4	16
71	Unexplored soils of the Western Yakutia. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 463, 022001	0.4	16
70	Construction of a Generalized Fatigue Diagram of Metallic Materials. <i>Materials Science Forum</i> , <b>2019</b> , 945, 563-568	0.4	15
69	Forecasting Methods Applied to Oil Production Deposits at Bazhenov Formation. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 463, 022005	0.4	15
68	Investigation of the Stages of Damage Accumulation in Polymer Composite Materials. <i>Materials Science Forum</i> , <b>2019</b> , 945, 515-521	0.4	14
67	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> , <b>2017</b> , 87, 032003	0.3	14
66	Algorithmization and Principles of Construction of Information Support of the Automated Module for Energy Outlays Optimization of Technological Processes at Robotized Productions <b>2018</b> ,		14
65	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> , <b>2017</b> , 84, 195-201	5.1	13

64	Experimental Data Based Current Transformer Mathematical Simulation in Micro-Cap Program. <i>International Review of Electrical Engineering</i> , <b>2018</b> , 13, 149	1.9	12
63	Selection of Digital Filter for Microprocessor Protection Relays. <i>International Journal of Electrical and Computer Engineering</i> , <b>2018</b> , 8, 1498	1.4	11
62	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> , <b>2018</b> , 463, 022004	0.4	11
61	Intelligent System for Prognostication and Optimization of Power Expenses of Technological Processes at Robotized Productions <b>2018</b> ,		11
60	Implementation of noise-immune Rogowski coils for busbar differential protection modernization. <i>Electric Power Systems Research</i> , <b>2016</b> , 140, 965-975	3.5	10
59	An Optimal and Quasi-optimal Alternatives Determination in the Multicriteria Marketing Researches. <i>Smart Innovation, Systems and Technologies</i> , <b>2020</b> , 826-833	0.5	10
58	Study of transient current measurement using micro-CAP circuit simulator <b>2016</b> ,		10
57	Rang Analysis of Distributed Electricity Consumers of Decentralized Energy Zones of the North and Arctic Regions of the Russian Federation <b>2018</b> ,		10
56	Modelling of Ultrasonic Concentrators for Processing of Volume Nanostructured Materials. <i>Materials Science Forum</i> , 992, 940-946	0.4	9
55	Novel Active Current Transducers for Diesel Power Stations. <i>International Journal of Power Electronics and Drive Systems</i> , <b>2016</b> , 7, 152	1.5	9
54	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> , <b>2020</b> , 753, 032027	0.4	9
53	Failure Analysis of Polymer Blinder Using Acoustic Emission Method. <i>Materials Science Forum</i> , <b>2020</b> , 992, 1030-1035	0.4	8
52	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> , <b>2020</b> , 923-933	0.5	8
51	<b>2018</b> ,		8
50	Possibility Justification of Application of the Mecanochemical Method during Preparation of the Metal Structures' Surfaces under Repair and Reconstruction. <i>Materials Science Forum</i> , <b>2020</b> , 992, 585-589	0.4	7
49	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
48	Exploring Research Methods and Dynamic Systems Toward Economic Development: An Overview. <i>Smart Innovation, Systems and Technologies</i> , <b>2020</b> , 1-29	0.5	7
47	The Impact Evaluation of Factors on the Adhesion of Modified Polytetrafluoroethylene Films in a Glow Discharge Non-Thermal Plasma. <i>Materials Science Forum</i> , <b>2020</b> , 992, 658-662	0.4	7

46	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> , <b>2020</b> , 753, 032065	0.4	7
45	The Study of Cement Concrete with Improved Properties Based on the Use of Astivated Silica Fume. <i>Materials Science Forum</i> , <b>2020</b> , 992, 228-232	0.4	6
44	Use of Portal Monitors for Detection of Technogenic Radioactive Sources in Scrap Metal. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 262, 012198	0.4	6
43	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> , <b>2020</b> , 753, 062006	0.4	6
42	Synthesis of an Adaptive System for Diagnosing the Quality of Automated Welding Products <b>2019</b> ,		6
41	Design of Intelligent Decision Support System for Robotized Welding Technological Processes Optimization <b>2019</b> ,		6
40	Improvement of protective relaying efficiency for motor drives at mineral processing plants <b>2017</b> ,		5
39	Analysis of Modeling of Current Differential Protection. <i>International Journal of Power Electronics and Drive Systems</i> , <b>2015</b> , 6, 423	1.5	5
38	Psychological Characteristics of Cadets from the Military Schools as Subjects of Educational Activity. <i>Smart Innovation, Systems and Technologies</i> , <b>2020</b> , 1025-1038	0.5	5
37	Synthesis of Modal PI-Regulator with Multiple Integration <b>2019</b> ,		4
36	Hardware Support of the Periodic Component Detection Algorithm Based on Zero-Crossing <b>2018</b> ,		4
35	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> , <b>2019</b> , 272, 022001	0.3	3
34	Decomposition of Methane Hydrate with Heat Exposure. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 272, 032239	0.3	3
33	Increase in Efficiency of Use of Pedestrian Radiation Portal Monitors. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 262, 012200	0.4	3
32	Challenges of Implementing Rating System for Knowledge Assessment at the Russian Higher Education Institutions. <i>Smart Innovation, Systems and Technologies</i> , <b>2019</b> , 1-11	0.5	3
31	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> , <b>2020</b> , 1013-1023	0.5	3
30	Designing an Adaptive Software and Hardware Complex for Converting Solar Energy <b>2019</b> ,		3
29	Instrument current transducer for protective relaying systems <b>2017</b> ,		2

28	 <i>Creative Economy, 2019, 13, 701</i>	1.3	2
27	Algorithmic Approach to the Assessment of Innovation. <i>Smart Innovation, Systems and Technologies, 2020, 31-50</i>	0.5	2
26	Study of transients in measuring circuits for negative sequence currents based on using rogowski coils <b>2016,</b>		2
25	Specifics of assessing energy security of isolated energy service areas in territories with harsh climatic conditions. <i>International Journal of Energy Technology and Policy, 2019, 15, 236</i>	1	2
24	<b>2019,</b>		2
23	IT Application for Organizing of Research Competitions <b>2019,</b>		2
22	Improvement Possibilities of the Ways of the Bore Mud Desalinization. <i>IOP Conference Series: Earth and Environmental Science, 2019, 272, 032047</i>	0.3	1
21	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, 2020, 459, 022081</i>	0.3	1
20	Analysis and Evaluation of Factors of the Production Environment and Labor Process during a Special Assessment of Working Conditions in Company <b>ИПО СМ</b> <i>IOP Conference Series: Earth and Environmental Science, 2020, 459, 032040</i>	0.3	1
19	PCM Bearing Capacity Prediction Criteria Development Based on Registered AE Parameters. <i>IOP Conference Series: Earth and Environmental Science, 459, 062105</i>	0.3	1
18	Model of Organizational Behavior in a Hierarchical Structure. <i>IOP Conference Series: Earth and Environmental Science, 2020, 459, 042003</i>	0.3	1
17	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, 2020, 459, 062104</i>	0.3	1
16	Intelligent Control Algorithm for an Automated Autonomous Power Supply System <b>2020,</b>		1
15	The Prospects of Chemical Fuel Cells for Private Generation <b>2019,</b>		1
14	Scalable System with Rogowski Coil for E-management of Detection and Measurement of PLC Interference in Electric Power Grids <b>2019,</b>		1
13	Environmental Problems Mining Industry in the Arctic. <i>IOP Conference Series: Earth and Environmental Science, 2019, 272, 022055</i>	0.3	0
12	The Grounds of Subject Area of Technosphere Studies. <i>IOP Conference Series: Earth and Environmental Science, 2019, 272, 032022</i>	0.3	0
11	Estimation of the Service Lifetime of Layered Heat-Resistant Ni-Al and Ni-Cr-Al Coatings. <i>IOP Conference Series: Earth and Environmental Science, 459, 062113</i>	0.3	0

10	Assessment of the Impact of Fires on the Steppe Phytocenoses of the Russian Federation. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2020</b> , 459, 042033	0.3
9	The Content of the Physical Education in the Strategic Forces. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2020</b> , 459, 042049	0.3
8	Life Environmental Assessment of Housing Safety as a Necessary Condition for Technosphere Human Security. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 753, 052039	0.4
7	Vertical Distribution of Cs-137 in Soils of Orel Region 30 Years after Chernobyl Accident. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 753, 052040	0.4
6	Mathematical Modeling in Innovation. <i>Smart Innovation, Systems and Technologies</i> , <b>2019</b> , 603-610	0.5
5	Reliability of Billboards Fixing Constructions in the Operational Period. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2020</b> , 459, 032039	0.3
4	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> , <b>2020</b> , 459, 042050	0.3
3	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> , <b>2020</b> , 459, 032089	0.3
2	The Effect of Radon Concentration at Liquid Nitrogen Temperature. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2020</b> , 459, 052019	0.3
1	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> , <b>2020</b> , 459, 052095	0.3