

Dmitry A Novikov

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.

98
papers

417
citations

9
h-index

16
g-index

134
ext. papers

529
ext. citations

0.7
avg, IF

4.28
L-index

#	Paper	IF	Citations
98	Recombinant 2-enoyl-CoA hydratase derived from rat peroxisomal multifunctional enzyme 2: role of the hydratase reaction in bile acid synthesis. <i>Biochemical Journal</i> , 1997 , 328 (Pt 2), 377-82	3.8	39
97	Reflexion and Control		35
96	Social Networks: Models of Information Influence, Control and Confrontation. <i>Studies in Systems, Decision and Control</i> , 2019 ,	0.8	35
95	Introduction to Theory of Control in Organizations		20
94	E-Expertise: Modern Collective Intelligence. <i>Studies in Computational Intelligence</i> , 2014 ,	0.8	19
93	Dynamic models of informational control in social networks. <i>Automation and Remote Control</i> , 2010 , 71, 2417-2426	0.6	14
92	The reflexive partitions method in models of collective behavior and control. <i>Automation and Remote Control</i> , 2012 , 73, 1424-1441	0.6	12
91	Informational influence and informational control models in social networks. <i>Automation and Remote Control</i> , 2011 , 72, 1557-1567	0.6	11
90	Cybernetics in the 20th Century. <i>Studies in Systems, Decision and Control</i> , 2016 , 1-19	0.8	9
89	Models of strategic behavior. <i>Automation and Remote Control</i> , 2012 , 73, 1-19	0.6	9
88	Games and networks. <i>Automation and Remote Control</i> , 2014 , 75, 1145-1154	0.6	8
87	Fractal Methods for the Characterization of the Topography and Texture of a Surface. <i>Measurement Techniques</i> , 2013 , 56, 247-251	0.4	8
86	The diffuse bomb problem. <i>Automation and Remote Control</i> , 2013 , 74, 863-874	0.6	8
85	Hierarchical models of warfare. <i>Automation and Remote Control</i> , 2013 , 74, 1733-1752	0.6	8
84	Cognitive games: A linear impulse model. <i>Automation and Remote Control</i> , 2010 , 71, 718-730	0.6	7
83	Incentive Mechanisms in Dynamic Active Systems. <i>Automation and Remote Control</i> , 2003 , 64, 1912-1921	0.6	7
82	Reflexion in mathematical models of decision-making. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , 2018 , 33, 319-335	1	6

81	Microelements in Radon Waters of The Zaelsovsky field (The Southern Part of West Siberia). <i>Journal of Physics: Conference Series</i> , 2019 , 1172, 012096	0.3	6
80	Intelligent Control of Industrial Processes. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013 , 46, 49-57		6
79	Hydrogeological conditions and hydrogeochemistry of radon waters in the Zaelsovsky Mochishche zone of Novosibirsk, Russia. <i>Environmental Earth Sciences</i> , 2021 , 80, 1	2.9	6
78	Mob Control: Models of Threshold Collective Behavior. <i>Studies in Systems, Decision and Control</i> , 2017 ,	0.8	5
77	Models of mob control. <i>Automation and Remote Control</i> , 2013 , 74, 2143-2154	0.6	5
76	Control Mechanisms for Ecological-Economic Systems. <i>Studies in Systems, Decision and Control</i> , 2015 ,	0.8	5
75	Simulation Models for Control Mechanisms in Ecological-Economic Systems. <i>Studies in Systems, Decision and Control</i> , 2015 , 117-154	0.8	5
74	Control Mechanisms for Organizational-Technical Systems: Problems of Integration and Decomposition**This work is partially supported by the Russian Scientific Foundation, project no. 16-19-10609. <i>IFAC-PapersOnLine</i> , 2016 , 49, 1-6	0.7	5
73	Complex Models of System Optimization for the Production and Economic Activity of an Enterprise. <i>Automation and Remote Control</i> , 2019 , 80, 2068-2089	0.6	5
72	Micro- and macromodels of social networks. II. Identification and simulation experiments. <i>Automation and Remote Control</i> , 2016 , 77, 321-331	0.6	4
71	Analysis of Uncertainties caused by Procedural and Instrumental Interferometry Errors in the Texture and Shape Parameters of a Surface. <i>Measurement Techniques</i> , 2013 , 56, 1006-1010	0.4	4
70	Game-theoretic models of informational confrontation in social networks. <i>Automation and Remote Control</i> , 2011 , 72, 2001-2008	0.6	4
69	COLLECTIVE LEARNING-BY-DOING. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 408-412		4
68	Systems Theory and Systems Analysis. Systems Engineering. <i>Studies in Systems, Decision and Control</i> , 2016 , 39-44	0.8	4
67	Methodological Foundations of the Digital Economy. <i>Studies in Systems, Decision and Control</i> , 2019 , 3-14	0.8	4
66	Analytical Complexity and Errors of Solving Control Problems for Organizational and Technical Systems. <i>Automation and Remote Control</i> , 2018 , 79, 860-869	0.6	3
65	Parametric regulation of economic growth based on nonautonomous computable general equilibrium models. <i>Automation and Remote Control</i> , 2014 , 75, 1041-1054	0.6	3
64	Control Mechanisms in Network Structures. <i>Automation and Remote Control</i> , 2002 , 63, 1947-1965	0.6	3

63	Information Equilibrium: Punctual Structures of Information Distribution. <i>Automation and Remote Control</i> , 2003 , 64, 1609-1619	0.6	3
62	Aggregation of Information in Incentive Models. <i>Automation and Remote Control</i> , 2001 , 62, 617-623	0.6	3
61	Risk Level Control in Ecological-Economic Systems. <i>Studies in Systems, Decision and Control</i> , 2015 , 1-24	0.8	3
60	Models of Threshold Collective Behavior. <i>Studies in Systems, Decision and Control</i> , 2017 , 5-8	0.8	3
59	Models of strategic behavior in the diffuse bomb problem. <i>Automation and Remote Control</i> , 2016 , 77, 1838-1848	0.6	2
58	Stochastic models of mob control. <i>Automation and Remote Control</i> , 2016 , 77, 895-913	0.6	2
57	Hierarchical Models in Modern Control Theory. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 3-120.4	0.4	2
56	Models of Network Excitation Control. <i>Procedia Computer Science</i> , 2014 , 31, 184-192	1.6	2
55	General-System Approach to the Development of Complex Activity Technology. <i>Procedia Computer Science</i> , 2017 , 112, 2076-2085	1.6	2
54	Threshold models of mutual insurance. <i>Automation and Remote Control</i> , 2015 , 76, 897-908	0.6	2
53	MODELS OF REFLEXIVE COLLECTIVE BEHAVIOR. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2011 , 44, 1971-1976		2
52	Weak structural stability of one mathematical model of economic system and the multiplicative effects of parametric control. <i>Automation and Remote Control</i> , 2010 , 71, 2605-2612	0.6	2
51	Model of the hierarchy of needs. <i>Automation and Remote Control</i> , 2006 , 67, 1512-1517	0.6	2
50	Stability of information equilibrium in reflexive games. <i>Automation and Remote Control</i> , 2005 , 66, 441-448.6	0.6	2
49	Network Active Systems: Models of Planning and Incentives. <i>Automation and Remote Control</i> , 2019 , 80, 2229-2244	0.6	2
48	VERTICAL HYDRODYNAMIC ZONING OF THE YAMAL-KARA DEPRESSION (NORTHERN AREAS OF WESTERN SIBERIA). <i>Oil and Gas Studies</i> , 2018 , 35-42	0.1	2
47	E-Expertise. <i>Studies in Computational Intelligence</i> , 2014 , 1-15	0.8	2
46	Dynamic models of mob excitation control in discrete time. <i>Automation and Remote Control</i> , 2016 , 77, 1792-1804	0.6	2

45	Micro- and macromodels of social networks. I. Theory fundamentals. <i>Automation and Remote Control</i> , 2016 , 77, 313-320	0.6	2
44	Models of Influence in Social Networks. <i>Studies in Systems, Decision and Control</i> , 2019 , 1-40	0.8	2
43	Macroeconomic Analysis and Parametric Control of a Regional Economic Union 2020 ,		1
42	A technological program for processing interferograms by Fourier transformation. <i>Journal of Optical Technology (A Translation of Opticheskii Zhurnal)</i> , 2011 , 78, 257	0.9	1
41	Team adaptation models. <i>Automation and Remote Control</i> , 2010 , 71, 882-893	0.6	1
40	TEAM BUILDING UNDER PARETO UNCERTAINTY. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008 , 41, 1633-1638		1
39	GAME-THEORETICAL MODELS OF TEAM BUILDING. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2005 , 38, 23-27		1
38	Decomposition of the Game of Agents in Problems of Incentive. <i>Automation and Remote Control</i> , 2001 , 62, 317-322	0.6	1
37	Features of the hydrogeological stratification of oil and gas bearing deposits in the western part of the Yenisei-Khatanga basin. <i>Oil and Gas Studies</i> , 2020 , 42-52	0.1	1
36	CATAGENETIC ALTERATION HYDROGEOCHEMISTRY OF SEDIMENTARY ROCKS OF HYDROCARBON OCCURRENCES IN ARCTIC AREAS OF THE WESTERN SIBERIAN MEGABASIN. <i>Oil and Gas Studies</i> , 2016 , 19-25	0.1	1
35	GEOHERMAL ZONALITY OF OIL AND GAS BEARING DEPOSITS IN THE NORTH-WESTERN TERRITORY OF NOVOSIBIRSK REGION. <i>Oil and Gas Studies</i> , 2018 , 69-76	0.1	1
34	Hydrodynamic features of oil and gas bearing deposits of the southern areas of Ob-Irtysh interfluves. <i>Georesursy</i> , 2019 , 21, 85-94	0.9	1
33	Research Principles of Mathematical Theory of Socio-Technical Systems Control 2020 ,		1
32	Incentive Mechanisms for Multi-agent Organizational Systems. <i>Intelligent Systems Reference Library</i> , 2016 , 35-57	0.8	1
31	Teams: Building, Adaptation and Learning. <i>Intelligent Systems Reference Library</i> , 2016 , 3-34	0.8	1
30	Cybernetics 2.0: Modern Challenges and Perspectives. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 693-702	0.4	1
29	Decomposition Principle in Control of Socio-Technical Systems. <i>Journal of Physics: Conference Series</i> , 2021 , 1864, 012059	0.3	1
28	Risk Management: Mechanisms of Mutual and Endowment Insurance. <i>Automation and Remote Control</i> , 2001 , 62, 1651-1657	0.6	0

- 27 Models of informational confrontation in mob control. *Automation and Remote Control*, **2016**, 77, 1259-1274
- 26 Elements of the theory and methods of parametric regulation of national economy evolution using discrete dynamic stochastic models. *Automation and Remote Control*, **2012**, 73, 1156-1164 0.6
- 25 Analysis methods for the terminological structure of a subject area. *Automation and Remote Control*, **2014**, 75, 2231-2247 0.6
- 24 Problem of stimulating the Pareto-agent. *Automation and Remote Control*, **2007**, 68, 124-132 0.6
- 23 Models of tariff-premium stimulation systems. *Automation and Remote Control*, **2007**, 68, 502-512 0.6
- 22 Control in Active Systems Based on Criteria and Motivation. *Automation and Remote Control*, **2002**, 63, 1137-1145 0.6
- 21 Mechanisms of Active Fuzzy Expertise. *Automation and Remote Control*, **2002**, 63, 1322-1328 0.6
- 20 Nomination of Principal in Active Linear System. *Automation and Remote Control*, **2002**, 63, 1944-1946 0.6
- 19 Methodology of Complex Activity **2020**, 1-45
- 18 Early Results on Uranium and Thorium Distribution in the Natural Waters of the Baydar Valley (the Crimean Peninsula). *Chemistry for Sustainable Development*, **2021**, 29, 449-459 1
- 17 CHARACTERISTICS OF STABLE ISOTOPES IN NATURAL WATERS OF THE VITIM RIVER BASIN. *Interexpo GEO-Siberia*, **2021**, 2, 218-226 0.1
- 16 FORMATION CONDITIONS OF GROUNDWATER OF THE UPPER JURASSIC OF THE CENTRAL REGIONS OF THE ZAURAL MEGAMONOCYCLISIS. *Interexpo GEO-Siberia*, **2021**, 2, 181-190 0.1
- 15 ISOTOPIC COMPOSITION (H, O AND C) OF NATURAL WATERS OF THE NOVOSIBIRSK CITY AGGLOMERATION. *Interexpo GEO-Siberia*, **2021**, 2, 149-159 0.1
- 14 TOXIC ELEMENTS IN NATURAL WATERS OF THE SEVASTOPOL URBAN AGGLOMERATION. *Interexpo GEO-Siberia*, **2021**, 2, 171-180 0.1
- 13 HYDROGEOLOGICAL CONDITIONS OF THE NOVOSIBIRSK OCCURRENCE OF RADON WATERS (THE NOVOSIBIRSK REGION). *Interexpo GEO-Siberia*, **2021**, 2, 62-71 0.1
- 12 CHANGE IN THE HYDROGEOCHEMICAL FIELD OF THE U1 HORIZON OF THE VERKH-TARSKOYE OIL FIELD IN THE PROCESS OF DEVELOPMENT. *Interexpo GEO-Siberia*, **2021**, 2, 271-281 0.1
- 11 FEATURES OF THE MICROBIOLOGICAL COMPOSITION OF NATURAL WATERS OF PRODUCED OIL FIELDS OF THE NOVOSIBIRSK REGION. *Interexpo GEO-Siberia*, **2021**, 2, 137-148 0.1
- 10 NEW DATA ON HYDROGEOCHEMISTRY OF THE MINERAL WATERS OF THE CRIMEAN PENINSULA. *Interexpo GEO-Siberia*, **2021**, 2, 160-170 0.1

- 9 ISOTOPE COMPOSITION OF NATURAL WATERS IN THE VERKH-TULA SETTLEMENT (THE NOVOSIBIRSK REGION). *Interexpo GEO-Siberia*, **2021**, 2, 207-217 0.1
- 8 PALEOHYDROGEOLOGY OF THE ANABAR-KHATANGA BASIN. *Oil and Gas Studies*, **2018**, 27-33 0.1
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- 5 Models of Technology Management. *Lecture Notes in Networks and Systems*, **2020**, 65-99 0.5
- 4 Analytical Complexity and Errors of Solving Technology Design and Optimization Problems. *Lecture Notes in Networks and Systems*, **2020**, 101-112 0.5
- 3 Isotope-hydrogeochemical features of the Belokurikha field radon waters. *Earth Sciences and Subsoil Use*, **2021**, 44, 174-183 0.3
- 2 Early Results on Uranium and Thorium Distribution in the Natural Waters of the Baydar Valley (the Crimean Peninsula). *Chemistry for Sustainable Development*, **2021**, 29, 461-471 1
- 1 Methodology of Complex Activity **2021**, 291-335