Kovalevsky, Dmitry V

List of Publications by Year
in descending order

24 papers	113 citations	1478280 6 h-index	1372474 10 g-index

26 all docs	26 docs citations	26 times ranked	116 citing authors

#	Article	IF	Citations
1	Beyond shared socioeconomic pathways (SSPs) and representative concentration pathways (RCPs): climate policy implementation scenarios for Europe, the US and China. Climate Policy, 2021, 21, 434-454.	2.6	13
2	Nonlinear Dynamics of Deep Open-Ocean Convection: An Analytical Approach. Nonlinear Physical Science, 2021, , 161-183.	0.2	0
3	Cities on the Coast and Patterns of Movement between Population Growth and Diffusion. Entropy, 2021, 23, 1041.	1.1	2
4	An analytical model of open-ocean deep convection with multiple steady states. Ocean Modelling, 2020, 154, 101680.	1.0	2
5	A method of assessing user capacities for effective climate services. Climate Services, 2020, 19, 100180.	1.0	6
6	Formation and decay of a deep convective chimney. Ocean Modelling, 2020, 148, 101583.	1.0	7
7	Climate Change Impact on the Arctic Economy. Springer Polar Sciences, 2020, , 465-506.	0.0	2
8	Exact Solutions and Stability Analysis of a Nonlinear Model of Open-Ocean Deep Convection that Allows Multiple Steady States. Discontinuity, Nonlinearity, and Complexity, 2019, 8, 169-186.	0.1	3
9	Polar Amplï¬cation Projected by Energy Balance Model with Nonlinear Parametrization of Outgoing Longwave Radiation. Discontinuity, Nonlinearity, and Complexity, 2018, 7, 209-223.	0.1	0
10	A Dynamic Systems Approach to the Representation of Policy Implementation Processes in a Multi-Actor World. Discontinuity, Nonlinearity, and Complexity, 2017, 6, 219-245.	0.1	1
11	Introducing Increasing Returns to Scale and Endogenous Technological Progress in the Structural Dynamic Economic Model SDEM-2. Discontinuity, Nonlinearity, and Complexity, 2016, 5, 1-8.	0.1	2
12	Exact Analytical Solutions of Selected Behaviourist Economic Growth Models with Exogenous Climate Damages. Discontinuity, Nonlinearity, and Complexity, 2016, 5, 251-261.	0.1	1
13	Nonlinear Parametrizations of Outgoing Longwave Radiation in Zero-Dimensional Energy Balance Models. Discontinuity, Nonlinearity, and Complexity, 2016, 5, 239-249.	0.1	0
14	ON THE SENSITIVITY OF WATER RESOURCE MANAGEMENT MODELS OF ECOLOGICAL ECONOMICS WITH RESPECT TO THE WELFARE FUNCTION PARAMETERS. Transactions of the Karelian Research Centre of the Russian Academy of Sciences, 2016, , 102.	0.0	0
15	Free-riders to forerunners. Nature Geoscience, 2015, 8, 895-898.	5.4	11
16	Impact of Nonlinearity of Climate Damage Functions on Long-term Macroeconomic Projections under Conditions of Global Warming. Discontinuity, Nonlinearity, and Complexity, 2015, 4, 25-33.	0.1	2
17	Balanced Growth in the Structural Dynamic Economic Model SDEM-2. Discontinuity, Nonlinearity, and Complexity, 2014, 3, 237-253.	0.1	2
18	A Hierarchy of Out-of-Equilibrium Actor-Based System-Dynamic Nonlinear conomic Models. Discontinuity, Nonlinearity, and Complexity, 2014, 3, 303-318.	0.1	1

#	Article	IF	Citations
19	Projecting the global macroeconomic dynamics under high-end temperature scenarios and strongly nonlinear climate damage functions. Russian Journal of Earth Sciences, 2014, 14, 1-5.	0.2	1
20	Simulating animal spirits in actor-based environmental models. Environmental Modelling and Software, 2013, 44, 10-24.	1.9	19
21	Describing economic agent-based models â€“ Dahlem ABM documentation guidelines. Complexity Economics, 2013, 2, 63-74.	0.4	13
22	Optimization of self-frequency doubling in periodically and quasi-periodically poled nonlinear crystals. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2008, 105, 270-279.	0.2	0
23	Interannual variability in water masses in the Greenland Sea and adjacent areas. Polar Research, 2001, 20, 201-208.	1.6	23
24	Screening in Two-Dimensional Electron Gas Quantized by Strong Magnetic Field. Physica Status Solidi (B): Basic Research, 1997, 203, 87-93.	0.7	0