

Navid Ghaffarzadegan

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,123
citations

516215

16
h-index

433756

31
g-index

42
all docs

42
docs citations

42
times ranked

1063
citing authors

#	ARTICLE	IF	CITATIONS
1	A cyclical wildfire pattern as the outcome of a coupled human natural system. <i>Scientific Reports</i> , 2022, 12, 5280.	1.6	6
2	Enhancing long-term forecasting: Learning from COVID-19 models. <i>PLoS Computational Biology</i> , 2022, 18, e1010100.	1.5	15
3	Diverse Computer Simulation Models Provide Unified Lessons on University Operation during a Pandemic. <i>BioScience</i> , 2021, 71, 113-114.	2.2	10
4	Examining the characteristics of impactful research topics: A case of three decades of HIV-AIDS research. <i>Journal of Informetrics</i> , 2021, 15, 101122.	1.4	2
5	Simulation-based what-if analysis for controlling the spread of Covid-19 in universities. <i>PLoS ONE</i> , 2021, 16, e0246323.	1.1	21
6	Weather, air pollution, and SARS-CoV-2 transmission: a global analysis. <i>Lancet Planetary Health</i> , The, 2021, 5, e671-e680.	5.1	42
7	The Forest and the Trees: A Systems Map of Governance Interdependencies in the Shaping Phase of Road Public-Private Partnerships. <i>Journal of Management in Engineering - ASCE</i> , 2020, 36, 04019031.	2.6	26
8	Simulation-based estimation of the early spread of COVID-19 in Iran: actual versus confirmed cases. <i>System Dynamics Review</i> , 2020, 36, 101-129.	1.1	61
9	The Lake Urmia vignette: a tool to assess understanding of complexity in socio-environmental systems. <i>System Dynamics Review</i> , 2020, 36, 191-222.	1.1	7
10	The Postdoc Queue: A Labour Force in Waiting. <i>Systems Research and Behavioral Science</i> , 2018, 35, 675-686.	0.9	37
11	Late retirement, early careers, and the aging of U.S. science and engineering professors. <i>PLoS ONE</i> , 2018, 13, e0208411.	1.1	6
12	Symptoms versus Root Causes: A Needed Structural Shift in Academia to Help Early Careers. <i>BioScience</i> , 2018, 68, 744-745.	2.2	4
13	Neuroscience bridging scientific disciplines in health: Who builds the bridge, who pays for it?. <i>Scientometrics</i> , 2018, 117, 1183-1204.	1.6	4
14	SD meets OR: a new synergy to address policy problems. <i>System Dynamics Review</i> , 2018, 34, 327-353.	1.1	20
15	Model-Based Policy Analysis to Mitigate Post-Traumatic Stress Disorder. <i>Public Administration and Information Technology</i> , 2018, , 387-406.	0.6	2
16	Education as a Complex System. <i>Systems Research and Behavioral Science</i> , 2017, 34, 211-215.	0.9	20
17	Work-education mismatch: An endogenous theory of professionalization. <i>European Journal of Operational Research</i> , 2017, 261, 1085-1097.	3.5	18
18	Capability Trap of the U.S. Highway System: Policy and Management Implications. <i>Journal of Management in Engineering - ASCE</i> , 2017, 33, 04017004.	2.6	20

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19	Global Trends and Regional Variations in Studies of HIV/AIDS. Scientific Reports, 2017, 7, 4170.	1.6	16
20	Dell's SupportAssist customer adoption model: enhancing the next generation of data-intensive support services. System Dynamics Review, 2017, 33, 219-253.	1.1	4
21	Recent trends in the U.S. Behavioral and Social Sciences Research (BSSR) workforce. PLoS ONE, 2017, 12, e0170887.	1.1	24
22	The dual-process theory and understanding of stocks and flows. System Dynamics Review, 2016, 32, 309-331.	1.1	19
23	A Dynamic Model of Post-Traumatic Stress Disorder for Military Personnel and Veterans. PLoS ONE, 2016, 11, e0161405.	1.1	31
24	Can a Patient's In-Hospital Length of Stay and Mortality Be Explained by Early-Risk Assessments?. PLoS ONE, 2016, 11, e0162976.	1.1	8
25	Abstract 166: Supervised Learning Based Detection of Stroke and Stroke Mimic. Stroke, 2016, 47, .	1.0	1
26	Does analytical thinking improve understanding of accumulation?. System Dynamics Review, 2015, 31, 46-65.	1.1	31
27	Reflections on peer mentoring for ongoing professional development in system dynamics. System Dynamics Review, 2015, 31, 173-181.	1.1	8
28	Effects of Government Spending on Research Workforce Development: Evidence from Biomedical Postdoctoral Researchers. PLoS ONE, 2015, 10, e0124928.	1.1	13
29	A Note on PhD Population Growth in Biomedical Sciences. Systems Research and Behavioral Science, 2015, 32, 402-405.	0.9	57
30	Posttraumatic Stress Disorder: Five Vicious Cycles that Inhibit Effective Treatment. U S Army Medical Department Journal, 2015, , 8-13.	0.2	3
31	Research Workforce Diversity: The Case of Balancing National versus International Postdocs in US Biomedical Research. Systems Research and Behavioral Science, 2014, 31, 301-315.	0.9	24
32	Too Many PhD Graduates or Too Few Academic Job Openings: The Basic Reproductive Number R_0 in Academia. Systems Research and Behavioral Science, 2014, 31, 745-750.	0.9	162
33	The system dynamics case repository project. System Dynamics Review, 2013, 29, 56-60.	1.1	1
34	Practice Variation, Bias, and Experiential Learning in Cesarean Delivery: A Data-Based System Dynamics Approach. Health Services Research, 2013, 48, 713-734.	1.0	27
35	Magnified Effects of Changes in NIH Research Funding Levels. Service Science, 2012, 4, 382-395.	0.9	30
36	Modeling Behavioral Complexities of Warning Issuance for Domestic Security: A Simulation Approach to Develop Public Management Theories. International Public Management Journal, 2012, 15, 337-363.	1.2	15

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37	How small system dynamics models can help the public policy process. System Dynamics Review, 2011, 27, 22-44.	1.1	273
38	An extension to the constructivist coding hypothesis as a learning model for selective feedback when the base rate is high.. Journal of Experimental Psychology: Learning Memory and Cognition, 2011, 37, 1044-1047.	0.7	3
39	Economic transition management in a commodity market: the case of the Iranian cement industry. System Dynamics Review, 2010, 26, 139-161.	1.1	5
40	How a System Backfires: Dynamics of Redundancy Problems in Security. Risk Analysis, 2008, 28, 1669-1687.	1.5	9