Hazhir Rahmandad

List of Publications by Year
in descending order

52 papers	2,463 citations	257357 24 h-index	223716 46 g-index
58 all docs	58 docs citations	58 times ranked	2788 citing authors

#	ARTICLE	IF	CITATIONS
1	Heterogeneity and Network Structure in the Dynamics of Diffusion: Comparing Agent-Based and Differential Equation Models. Management Science, 2008, 54, 998-1014.	2.4	533
2	Reporting guidelines for simulation€based research in social sciences. System Dynamics Review, 2012, 28, 396-411.	1.1	172
3	Depression as a systemic syndrome: mapping the feedback loops of major depressive disorder. Psychological Medicine, 2016, 46, 551-562.	2.7	128
4	Factors influencing the risk of falls in the construction industry: a review of the evidence. Construction Management and Economics, 2011, 29, 397-416.	1.8	123
5	Behavioral dynamics of <scp>COVID</scp>â€19: estimating underreporting, multiple waves, and adherence fatigue across 92 nations. System Dynamics Review, 2021, 37, 5-31.	1.1	93
6	Best-fitting prediction equations for basal metabolic rate: informing obesity interventions in diverse populations. International Journal of Obesity, 2013, 37, 1364-1370.	1.6	90
7	Effect of Delays on Complexity of Organizational Learning. Management Science, 2008, 54, 1297-1312.	2.4	83
8	Effects of feedback delay on learning. System Dynamics Review, 2009, 25, 309-338.	1.1	67
9	Capability erosion dynamics. Strategic Management Journal, 2016, 37, 649-672.	4.7	67
10	Dynamic Interplay Among Homeostatic, Hedonic, and Cognitive Feedback Circuits Regulating Body Weight. American Journal of Public Health, 2014, 104, 1169-1175.	1.5	61
11	Simulation€based estimation of the early spread of <scp>COVID</scp>â€19 in Iran: actual versus confirmed cases. System Dynamics Review, 2020, 36, 101-129.	1.1	61
12	Mapping the dynamics of overall equipment effectiveness to enhance asset management practices. Journal of Quality in Maintenance Engineering, 2011, 17, 74-92.	1.0	60
13	Modeling Social Norms and Social Influence in Obesity. Current Epidemiology Reports, 2015, 2, 71-79.	1.1	59
14	Modeling US Adult Obesity Trends: A System Dynamics Model for Estimating Energy Imbalance Gap. American Journal of Public Health, 2014, 104, 1230-1239.	1.5	57
15	Impact of Growth Opportunities and Competition on Firm-Level Capability Development Trade-offs. Organization Science, 2012, 23, 138-154.	3.0	56
16	Inter€phase feedbacks in construction projects. Journal of Operations Management, 2015, 39-40, 48-62.	3.3	52
17	Reconciling Statistical and Systems Science Approaches to Public Health. Health Education and Behavior, 2013, 40, 123S-131S.	1.3	46
18	Modeling the hypothalamusâ€"pituitaryâ€"adrenal axis: A review and extension. Mathematical Biosciences, 2015, 268, 52-65.	0.9	46

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19	Weather, air pollution, and SARS-CoV-2 transmission: a global analysis. Lancet Planetary Health, The, 2021, 5, e671-e680.	5.1	42
20	Optimizing highway maintenance operations: dynamic considerations. System Dynamics Review, 2010, 26, 216-238.	1.1	31
21	Dynamics of concurrent software development. System Dynamics Review, 2009, 25, 224-249.	1.1	30
22	Estimating the parameters of system dynamics models using indirect inference. System Dynamics Review, 2016, 32, 156-180.	1.1	28
23	Modeling the rework cycle: capturing multiple defects per task. System Dynamics Review, 2010, 26, 291-315.	1.1	27
24	Human Growth and Body Weight Dynamics: An Integrative Systems Model. PLoS ONE, 2014, 9, e114609.	1.1	27
25	Dynamics of intervention adoption, implementation, and maintenance inside organizations: The case of an obesity prevention initiative. Social Science and Medicine, 2019, 224, 67-76.	1.8	27
26	Modeling and estimating the feedback mechanisms among depression, rumination, and stressors in adolescents. PLoS ONE, 2018, 13, e0204389.	1.1	26
27	Connecting micro dynamics and population distributions in system dynamics models. System Dynamics Review, 2013, 29, 197-215.	1.1	25
28	Development of an individual-based model for polioviruses: implications of the selection of network type and outcome metrics. Epidemiology and Infection, 2011, 139, 836-848.	1.0	24
29	Social influence in childhood obesity interventions: a systematic review. Obesity Reviews, 2016, 17, 820-832.	3.1	24
30	Understanding econo-political risks: impact of sanctions on an automotive supply chain. International Journal of Operations and Production Management, 2015, 35, 1567-1591.	3.5	23
31	Making the Numbers? â€œShort Termismâ€•and the Puzzle of Only Occasional Disaster. Management Science, 2018, 64, 1328-1347.	2.4	23
32	Evolution and Reproducibility of Simulation Modeling in Epidemiology and Health Policy Over Half a Century. Epidemiologic Reviews, 2021, 43, 166-175.	1.3	20
33	Connecting strategy and system dynamics: an example and lessons learned. System Dynamics Review, 2015, 31, 149-172.	1.1	19
34	Dynamics of Implementation and Maintenance of Organizational Health Interventions. International Journal of Environmental Research and Public Health, 2017, 14, 917.	1.2	19
35	Interdependence, Complementarity, and Ruggedness of Performance Landscapes. Strategy Science, 2019, 4, 234-249.	2.1	18
36	Measuring dynamic efficiency of highway maintenance operations. Omega, 2015, 50, 18-28.	3.6	17

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37	Enhancing long-term forecasting: Learning from COVID-19 models. PLoS Computational Biology, 2022, 18, e1010100.	1.5	15
38	If Higher Pay Is Profitable, Why Is It So Rare? Modeling Competing Strategies in Mass Market Services. Organization Science, 2020, 31, 1053-1071.	3.0	14
39	Explaining Heterogeneity in the Organization of Scientific Work. Organization Science, 2019, 30, 1125-1145.	3.0	10
40	Joint pricing and openness decisions in software markets with reinforcing loops. System Dynamics Review, 2012, 28, 209-229.	1.1	8
41	How exposure to different opinions impacts the life cycle of social media. Annals of Operations Research, 2018, 268, 63-91.	2.6	8
42	Delays Impair Learning and Can Drive Convergence to Inefficient Strategies. Organization Science, 2023, 34, 2392-2414.	3.0	6
43	What makes dynamic strategic problems difficult? Evidence from an experimental study. Strategic Management Journal, 2021, 42, 865-897.	4.7	6
44	A flexible method for aggregation of prior statistical findings. PLoS ONE, 2017, 12, e0175111.	1.1	4
45	Are On-Demand Platforms Winner-Take-All Markets?. Proceedings - Academy of Management, 2019, 2019, 17356.	0.0	2
46	Reconstructing Online Behaviors by Effort Minimization. Lecture Notes in Computer Science, 2013, , 75-82.	1.0	2
47	When Does Paying More Pay Off?. SSRN Electronic Journal, 2017, , .	0.4	1
48	Improving Technology Investment Decisions at Hospitals through System Dynamics and Decision Analysis. , 2016, , .		0
49	Publication Maximizing Scientists and the Impact of Funding on Organization of Science. Proceedings - Academy of Management, 2016, 2016, 17277.	0.0	0
50	Delays and Learning the Wrong Strategies From Experience. SSRN Electronic Journal, 0, , .	0.4	0
51	The Surprises and Perils of Organizational Learning from Successes and Failures. Proceedings - Academy of Management, 2019, 2019, 12757.	0.0	0
52	A Critical View on Achieving Organizational Resilience: Unpacking the Underlying Trade-offs. Proceedings - Academy of Management, 2022, 2022, .	0.0	0