Hazhir Rahmandad

List of Publications by Year in Descending Order

54 papers	1,689 citations	21 h-index	40 g-index
58 ext. papers	2,115 ext. citations	3.3 avg, IF	5.44 L-index

#	Paper	IF	Citations
54	Enhancing long-term forecasting: Learning from COVID-19 models.. *PLoS Computational Biology*, **2022**, 18, e1010100	5	0
53	Weather, air pollution, and SARS-CoV-2 transmission: a global analysis. *Lancet Planetary Health, The*, **2021**, 5, e671-e680	9.8	5
52	What makes dynamic strategic problems difficult? Evidence from an experimental study. *Strategic Management Journal*, **2021**, 42, 865-897	5.2	0
51	Evolution and Reproducibility of Simulation Modeling in Epidemiology and Health Policy over Half a Century. *Epidemiologic Reviews*, **2021**,	4.1	1
50	Behavioral dynamics of COVID-19: estimating underreporting, multiple waves, and adherence fatigue across 92 nations. *System Dynamics Review*, **2021**, 37, 5-31	1.6	23
49	Delays Impair Learning and Can Drive Convergence to Inefficient Strategies. *Organization Science*, **2020**,	3.6	2
48	If Higher Pay Is Profitable, Why Is It So Rare? Modeling Competing Strategies in Mass Market Services. *Organization Science*, **2020**, 31, 1053-1071	3.6	4
47	Simulation-based estimation of the early spread of COVID-19 in Iran: actual versus confirmed cases. *System Dynamics Review*, **2020**, 36, 101-129	1.6	28
46	Explaining Heterogeneity in the Organization of Scientific Work. *Organization Science*, **2019**, 30, 1125-1145	3.6	8
45	Interdependence, Complementarity, and Ruggedness of Performance Landscapes. *Strategy Science*, **2019**, 4, 234-249	1.5	7
44	Are On-Demand Platforms Winner-Take-All Markets?. *Proceedings - Academy of Management*, **2019**, 2019, 17356	0.1	1
43	The Surprises and Perils of Organizational Learning from Successes and Failures. *Proceedings - Academy of Management*, **2019**, 2019, 12757	0.1	
42	Dynamics of intervention adoption, implementation, and maintenance inside organizations: The case of an obesity prevention initiative. *Social Science and Medicine*, **2019**, 224, 67-76	5.1	16
41	Making the Numbers? Short Termism and the Puzzle of Only Occasional Disaster. *Management Science*, **2018**, 64, 1328-1347	3.9	8
40	How exposure to different opinions impacts the life cycle of social media. *Annals of Operations Research*, **2018**, 268, 63-91	3.2	3
39	Modeling and estimating the feedback mechanisms among depression, rumination, and stressors in adolescents. *PLoS ONE*, **2018**, 13, e0204389	3.7	10
38	Dynamics of Implementation and Maintenance of Organizational Health Interventions. *International Journal of Environmental Research and Public Health*, **2017**, 14,	4.6	12

37	A flexible method for aggregation of prior statistical findings. *PLoS ONE*, **2017**, 12, e0175111	3.7	3
36	Estimating the parameters of system dynamics models using indirect inference. *System Dynamics Review*, **2016**, 32, 156-180	1.6	17
35	Capability erosion dynamics. *Strategic Management Journal*, **2016**, 37, 649-672	5.2	44
34	Publication Maximizing Scientists and the Impact of Funding on Organization of Science. *Proceedings - Academy of Management*, **2016**, 2016, 17277	0.1	
33	Social influence in childhood obesity interventions: a systematic review. *Obesity Reviews*, **2016**, 17, 820-32	10.6	16
32	Depression as a systemic syndrome: mapping the feedback loops of major depressive disorder. *Psychological Medicine*, **2016**, 46, 551-62	6.9	87
31	Inter-phase feedbacks in construction projects. *Journal of Operations Management*, **2015**, 39-40, 48-62	5.2	36
30	Modeling social norms and social influence in obesity. *Current Epidemiology Reports*, **2015**, 2, 71-79	2.9	50
29	Modeling the hypothalamus-pituitary-adrenal axis: A review and extension. *Mathematical Biosciences*, **2015**, 268, 52-65	3.9	39
28	Measuring dynamic efficiency of highway maintenance operations. *Omega*, **2015**, 50, 18-28	7.2	16
27	Connecting strategy and system dynamics: an example and lessons learned. *System Dynamics Review*, **2015**, 31, 149-172	1.6	14
26	Understanding econo-political risks: impact of sanctions on an automotive supply chain. *International Journal of Operations and Production Management*, **2015**, 35, 1567-1591	6.8	14
25	Dynamic interplay among homeostatic, hedonic, and cognitive feedback circuits regulating body weight. *American Journal of Public Health*, **2014**, 104, 1169-75	5.1	49
24	Modeling US adult obesity trends: a system dynamics model for estimating energy imbalance gap. *American Journal of Public Health*, **2014**, 104, 1230-9	5.1	45
23	Human growth and body weight dynamics: an integrative systems model. *PLoS ONE*, **2014**, 9, e114609	3.7	15
22	Best-fitting prediction equations for basal metabolic rate: informing obesity interventions in diverse populations. *International Journal of Obesity*, **2013**, 37, 1364-70	5.5	60
21	Reconciling statistical and systems science approaches to public health. *Health Education and Behavior*, **2013**, 40, 123S-31S	4.2	36
20	Connecting micro dynamics and population distributions in system dynamics models. *System Dynamics Review*, **2013**, 29, 197-215	1.6	16

19   Reconstructing Online Behaviors by Effort Minimization. *Lecture Notes in Computer Science*, **2013**, 75-82   0.9   2

18   Reporting guidelines for simulation-based research in social sciences. *System Dynamics Review*, **2012**, 28, 396-411   1.6   130

17   Joint pricing and openness decisions in software markets with reinforcing loops. *System Dynamics Review*, **2012**, 28, 209-229   1.6   5

16   Impact of Growth Opportunities and Competition on Firm-Level Capability Development Trade-offs. *Organization Science*, **2012**, 23, 138-154   3.6   39

15   Mapping the dynamics of overall equipment effectiveness to enhance asset management practices. *Journal of Quality in Maintenance Engineering*, **2011**, 17, 74-92   1.1   48

14   Development of an individual-based model for polioviruses: implications of the selection of network type and outcome metrics. *Epidemiology and Infection*, **2011**, 139, 836-48   4.3   23

13   Factors influencing the risk of falls in the construction industry: a review of the evidence. *Construction Management and Economics*, **2011**, 29, 397-416   3   98

12   Modeling the rework cycle: capturing multiple defects per task. *System Dynamics Review*, **2010**, 26, 291-315   1.6   20

11   Optimizing highway maintenance operations: dynamic considerations. *System Dynamics Review*, **2010**, 26, 216-238   1.6   25

10   Dynamics of concurrent software development. *System Dynamics Review*, **2009**, 25, 224-249   1.6   20

9   Effects of feedback delay on learning. *System Dynamics Review*, **2009**, 25, 309-338   1.6   52

8   Heterogeneity and Network Structure in the Dynamics of Diffusion: Comparing Agent-Based and Differential Equation Models. *Management Science*, **2008**, 54, 998-1014   3.9   417

7   Effect of Delays on Complexity of Organizational Learning. *Management Science*, **2008**, 54, 1297-1312   3.9   70

6   Dynamics of Intervention Adoption, Implementation, and Maintenance Inside Organizations: the Case of an Obesity Prevention Initiative   2

5   Simulation-based Estimation of the Spread of COVID-19 in Iran   11

4   Weather Conditions and COVID-19 Transmission: Estimates and Projections   16

3   Estimating COVID-19 under-reporting across 86 nations: implications for projections and control   24

2   Risk-driven responses to COVID-19 eliminate the tradeoff between lives and livelihoods   1

LIST OF PUBLICATIONS

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