

# Kevin M Passino

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

909  
citations

687335

13  
h-index

477281

29  
g-index

36  
all docs

36  
docs citations

36  
times ranked

756  
citing authors

#	ARTICLE	IF	CITATIONS
1	A dynamic multilevel ecological approach to drinking event modelling and intervention. <i>Systems Research and Behavioral Science</i> , 2020, 38, 473.	1.6	1
2	Modeling and Analysis of Mood Dynamics in the Bipolar Spectrum. <i>IEEE Transactions on Computational Social Systems</i> , 2020, 7, 1335-1344.	4.4	1
3	Feedback controller design over the internet of things. <i>Engineering Applications of Artificial Intelligence</i> , 2019, 82, 96-101.	8.1	2
4	Stability of degree distributions of social networks. <i>Journal of Complex Networks</i> , 2019, 7, 421-444.	1.8	0
5	A Control-Theoretic Assessment of Interventions During Drinking Events. <i>IEEE Transactions on Cybernetics</i> , 2019, 49, 604-615.	9.5	3
6	A System Dynamic Model of Drinking Events: Multi-Level Ecological Approach. <i>Systems Research and Behavioral Science</i> , 2018, 35, 265-281.	1.6	13
7	Modeling and Analysis of Group Dynamics in Alcohol-Consumption Environments. <i>IEEE Transactions on Cybernetics</i> , 2017, 47, 165-176.	9.5	15
8	Feedback Controllers as Financial Advisors for Low-Income Individuals. <i>IEEE Transactions on Control Systems Technology</i> , 2017, 25, 2194-2201.	5.2	7
9	Dynamics of Metabolism and Decision Making During Alcohol Consumption: Modeling and Analysis. <i>IEEE Transactions on Cybernetics</i> , 2017, 47, 3955-3966.	9.5	17
10	Dynamics of degree distributions of social networks. , 2017, , .		0
11	Dynamics of Cooperation in a Task Completion Social Dilemma. <i>PLoS ONE</i> , 2017, 12, e0170604.	2.5	5
12	Stable reactive power balancing strategies of grid-connected photovoltaic inverter network. <i>International Journal of Robust and Nonlinear Control</i> , 2016, 26, 2023-2046.	3.7	3
13	Pancreatic Epithelial Cells Form Islet-Like Clusters in the Absence of Directed Migration. <i>Cellular and Molecular Bioengineering</i> , 2015, 8, 496-506.	2.1	1
14	Optimal Reactive Power Allocation in Large-Scale Grid-Connected Photovoltaic Systems. <i>Journal of Optimization Theory and Applications</i> , 2015, 167, 761-779.	1.5	3
15	Illumination Balancing Algorithm for Smart Lights. <i>IEEE Transactions on Control Systems Technology</i> , 2014, 22, 557-567.	5.2	42
16	Modeling and Cohesiveness Analysis of Midge Swarms. <i>International Journal of Swarm Intelligence Research</i> , 2013, 4, 1-22.	0.7	3
17	Swarm Cognition: an interdisciplinary approach to the study of self-organising biological collectives. <i>Swarm Intelligence</i> , 2011, 5, 3-18.	2.2	70
18	Special issue on Swarm Cognition. <i>Swarm Intelligence</i> , 2011, 5, 1-2.	2.2	0

#	ARTICLE	IF	CITATIONS
19	Dispatch of distributed generators using a local replicator equation. , 2011, , .		15
20	When rate maximization is impulsive. Behavioral Ecology and Sociobiology, 2010, 64, 1255-1265.	1.4	12
21	Distributed Coordination Strategies for Wide-Area Patrol. Journal of Intelligent and Robotic Systems: Theory and Applications, 2009, 56, 23-45.	3.4	4
22	Educating the Humanitarian Engineer. Science and Engineering Ethics, 2009, 15, 577-600.	2.9	50
23	Swarm cognition in honey bees. Behavioral Ecology and Sociobiology, 2008, 62, 401-414.	1.4	145
24	Decentralized redistribution for cooperative patrol. International Journal of Robust and Nonlinear Control, 2008, 18, 165-195.	3.7	8
25	Stable emergent agent distributions under sensing and travel delays. , 2008, , .		1
26	Stable Cooperative Vehicle Distributions for Surveillance. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2007, 129, 597-608.	1.6	13
27	Social Foraging Theory for Robust Multiagent System Design. IEEE Transactions on Automation Science and Engineering, 2007, 4, 79-86.	5.2	19
28	Distributed Task Assignment for Mobile Agents. IEEE Transactions on Automatic Control, 2007, 52, 749-753.	5.7	43
29	State subsidies induce gray jays to accept greater danger: an ecologically rational response?. Behavioral Ecology and Sociobiology, 2007, 61, 1261-1266.	1.4	4
30	Foraging Theory for Autonomous Vehicle Decision-making System Design. Journal of Intelligent and Robotic Systems: Theory and Applications, 2007, 49, 39-65.	3.4	13
31	Decentralized output regulation of a class of nonlinear systems. International Journal of Control, 2006, 79, 1512-1522.	1.9	9
32	Modeling and analysis of nest-site selection by honeybee swarms: the speed and accuracy trade-off. Behavioral Ecology and Sociobiology, 2006, 59, 427-442.	1.4	122
33	Paradoxical preferences when options are identical. Behavioral Ecology and Sociobiology, 2006, 59, 777-785.	1.4	7
34	Systems Biology of Group Decision Making. , 2006, , .		2
35	A class of attractions/repulsion functions for stable swarm aggregations. International Journal of Control, 2004, 77, 1567-1579.	1.9	255
36	Task Assignment for Mobile Agents. , 0, , 109-138.		1