

Kay Tucci

List of Publications by Year in descending order

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22
papers

283
citations

1163117

8
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

256
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonequilibrium transition induced by mass media in a model for social influence. <i>Physical Review E</i> , 2005, 72, 065102.	2.1	79
2	Mesoscopic model for diffusion-influenced reaction dynamics. <i>Journal of Chemical Physics</i> , 2004, 120, 8262-8270.	3.0	57
3	General coevolution of topology and dynamics in networks. <i>Europhysics Letters</i> , 2011, 95, 58006.	2.0	26
4	Diffusion and reaction in crowded environments. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 065146.	1.8	22
5	Mesoscopic Multiparticle Collision Dynamics of Reaction~Diffusion Fronts. <i>Journal of Physical Chemistry B</i> , 2005, 109, 21300-21304.	2.6	20
6	Turbulence in small-world networks. <i>Physical Review E</i> , 2002, 65, 036223.	2.1	18
7	Rise of an alternative majority against opinion leaders. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 446, 75-81.	2.6	14
8	Pattern formation on trees. <i>Physical Review E</i> , 2001, 64, 026208.	2.1	9
9	Phase separation in coupled chaotic maps on fractal networks. <i>Physical Review E</i> , 2003, 68, 027202.	2.1	7
10	Multiagent distributed simulation with GALATEA. , 2005, , .		7
11	Mesoscopic model for binary fluids. <i>Frontiers of Physics</i> , 2017, 12, 1.	5.0	6
12	Transition to turbulence in coupled maps on hierarchical lattices. <i>Chaos, Solitons and Fractals</i> , 2000, 11, 2039-2044.	5.1	4
13	Random global coupling induces synchronization and nontrivial collective behavior in networks of chaotic maps. <i>European Physical Journal: Special Topics</i> , 2007, 143, 245-247.	2.6	4
14	Emergence and persistence of communities in coevolutionary networks. <i>Europhysics Letters</i> , 2014, 107, 28002.	2.0	4
15	Spectral properties and pattern selection in fractal growth networks. <i>Physica D: Nonlinear Phenomena</i> , 2004, 199, 91-104.	2.8	2
16	Phase growth in bistable systems with impurities. <i>Physical Review E</i> , 2008, 77, 016204.	2.1	2
17	Stratified economic exchange on networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2011, 390, 1453-1457.	2.6	1
18	Damping and clustering into crowded environment of catalytic chemical oscillators. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 517, 297-306.	2.6	1

#	ARTICLE	IF	CITATIONS
19	Phase ordering induced by defects in chaotic bistable media. European Physical Journal: Special Topics, 2007, 143, 249-251.	2.6	0
20	Chaotic synchronization on directed networks. Journal of Physics: Conference Series, 2010, 246, 012010.	0.4	0
21	Emergence of communities in a coevolutionary model of wealth exchange. European Physical Journal: Special Topics, 2014, 223, 2923-2931.	2.6	0
22	Leaders and obstacles raise cultural boundaries. Chaos, Solitons and Fractals, 2021, 143, 110565.	5.1	0