May T Lim

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5520583/publications.pdf

Version: 2024-02-01

30	655	840776 11	580821 25
papers	citations	h-index	g-index

31	31	31	681
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Crossover transitions in a busâ€“car mixed-traffic cellular automata model. Physica A: Statistical Mechanics and Its Applications, 2020, 557, 124861.	2.6	8
2	Modeling the residential distribution of enrolled students to assess boundary-induced disparities in public school access. PLoS ONE, 2019, 14, e0222766.	2.5	0
3	Vehicular traffic modeling with greedy lane-changing and inordinate waiting. Physica A: Statistical Mechanics and Its Applications, 2019, 521, 715-723.	2.6	8
4	Agent-based modeling of lane discipline in heterogeneous traffic. Physica A: Statistical Mechanics and Its Applications, 2016, 457, 138-147.	2.6	4
5	Siting marine protected areas based on habitat quality and extent provides the greatest benefit to spatially structured metapopulations. Ecosphere, 2016, 7, e01533.	2.2	33
6	Growing the physics community in the Philippines in a changing landscape. AIP Conference Proceedings, 2015, , .	0.4	0
7	Quantifying Regional Differences in the Length of Twitter Messages. PLoS ONE, 2015, 10, e0122278.	2.5	6
8	Modelling the impacts of fish aggregating devices (FADs) and fish enhancing devices (FEDs) and their implications for managing small-scale fishery. ICES Journal of Marine Science, 2014, 71, 1750-1759.	2.5	18
9	A coupled stock-recruitment-age-structured model of the North Sea cod under the influence of depensation. Ecological Modelling, 2013, 253, 1-8.	2.5	12
10	Spatio-Temporal Variation of Conversational Utterances on Twitter. PLoS ONE, 2013, 8, e77793.	2.5	5
11	Adaptation of fictional and online conversations to communication media. European Physical Journal B, 2012, 85, 1.	1.5	2
12	Crowding Effects in Vehicular Traffic. PLoS ONE, 2012, 7, e48151.	2.5	9
13	Modeling U-turn traffic flow. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 3640-3647.	2.6	17
14	Effect of variable fishing strategy on fisheries under changing effort and pressure: An agent-based model application. Ecological Modelling, 2010, 221, 362-369.	2.5	31
15	POLARITY-DRIVEN GEOMETRICAL CLUSTER GROWTH MODEL OF BUDDING YEAST. International Journal of Modern Physics C, 2010, 21, 1169-1182.	1.7	2
16	Preferential detachment in broadcast signaling networks: Connectivity and cost trade-off. Europhysics Letters, 2007, 79, 58005.	2.0	8
17	Global Pattern Formation and Ethnic/Cultural Violence. Science, 2007, 317, 1540-1544.	12.6	165
18	Primary spherical aberration in two-color (two-photon) excitation fluorescence microscopy with two confocal excitation beams. Applied Optics, 2003, 42, 3398.	2.1	6

#	Article	IF	Citations
19	Self-organized queuing and scale-free behavior in real escape panic. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 11947-11952.	7.1	172
20	Emergence of Hysteresis in a Network of Nonhysteretic Agents with Continuous Responses. Physical Review Letters, 2002, 88, 038701.	7.8	5
21	Gravity-assisted segregation of granular materials of equal mass and size. Physical Review E, 2002, 66, 041306.	2.1	5
22	Direction-sensitive subwavelength displacement measurements at diffraction-limited spatial resolution. Optics Letters, 2002, 27, 25.	3.3	3
23	Accurate forecasting of the undecided population in a public opinion poll. Journal of Forecasting, 2002, 21, 435-449.	2.8	13
24	Streaming, disruptive interference and power-law behavior in the exit dynamics of confined pedestrians. Physica A: Statistical Mechanics and Its Applications, 2002, 312, 609-618.	2.6	80
25	Confocality condition in two-color excitation microscopy with two focused excitation beams. Optics Communications, 2002, 207, 121-130.	2.1	11
26	Optical-feedback semiconductor laser Michelson interferometer for displacement measurements with directional discrimination. Applied Optics, 2001, 40, 506.	2.1	13
27	Noise-enhanced measurement of weak doublet spectra with a Fourier-transform spectrometer and a 1-bit analog-to-digital converter. Applied Optics, 2001, 40, 1767.	2.1	2
28	Spectral extrapolation by simplex projection. Optics Communications, 2000, 176, 373-385.	2.1	4
29	Enhancement of low-resolution Raman spectra by simplex projection. Optics Communications, 2000, 186, 237-243.	2.1	1
30	Direct signal recovery from threshold crossings. Physical Review E, 1998, 58, 6759-6765.	2.1	10