

Kamal Jetto

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Cognitive anticipation cellular automata model: An attempt to understand the relation between the traffic states and rear-end collisions. Accident Analysis and Prevention, 2020, 142, 105507.	5.7	10
2	The effect of anisotropy on the traffic flow behavior: Investigation of the correlation created by a single node on two-lane roads. International Journal of Modern Physics C, 2020, 31, 2050060.	1.7	0
3	Monte Carlo study of the mixed Blume-Capel model with four-spin interactions. Superlattices and Microstructures, 2017, 104, 46-53.	3.1	6
4	The investigation of the lateral interaction effect's on traffic flow behavior under open boundaries. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 3613-3620.	2.1	1
5	The investigation of the reentrance phenomenon in cellular automaton traffic flow model. Physica A: Statistical Mechanics and Its Applications, 2017, 469, 1-14.	2.6	11
6	The effect of lateral interaction on traffic flow. Physica A: Statistical Mechanics and Its Applications, 2016, 460, 76-87.	2.6	6
7	Monte Carlo simulations of the spin-2 Blume-Emery-Griffiths model with four-spin interactions. Superlattices and Microstructures, 2016, 100, 818-825.	3.1	4
8	VELOCITY CORRELATIONS IN THE NAGEL-SCHRECKENBERG MODEL. International Journal of Modern Physics C, 2014, 25, 1350089.	1.7	17
9	A cellular automata traffic flow modeling of desired speed variability. Chinese Physics B, 2013, 22, 018902.	1.4	16
10	An investigation of merging and diverging cars on a multi-lane road using a cellular automation model. Chinese Physics B, 2012, 21, 118901.	1.4	8
11	THE EFFECT OF THE HETEROGENEITY ON THE TRAFFIC FLOW BEHAVIOR. International Journal of Modern Physics C, 2010, 21, 1311-1327.	1.7	18
12	THE INVESTIGATION OF THE TRAFFIC FLOW BEHAVIOR IN TOLLBOOTHES USING CELLULAR AUTOMATON MODEL. International Journal of Modern Physics C, 2008, 19, 903-915.	1.7	10
13	The effect of mixture lengths of vehicles on the traffic flow behaviour in one-dimensional cellular automaton. European Physical Journal B, 2004, 40, 111-117.	1.5	41