

Poonam Redhu

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,433
citations

758635

12
h-index

1199166

12
g-index

12
all docs

12
docs citations

12
times ranked

167
citing authors

#	ARTICLE	IF	CITATIONS
1	Analyses of driver's anticipation effect in sensing relative flux in a new lattice model for two-lane traffic system. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013, 392, 5622-5632.	1.2	223
2	Delayed-feedback control in a Lattice hydrodynamic model. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2015, 27, 263-270.	1.7	179
3	Analysis of a modified two-lane lattice model by considering the density difference effect. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2014, 19, 1600-1610.	1.7	149
4	Jamming transitions and the effect of interruption probability in a lattice traffic flow model with passing. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 421, 249-260.	1.2	147
5	Analyses of the driver's anticipation effect in a new lattice hydrodynamic traffic flow model with passing. <i>Nonlinear Dynamics</i> , 2014, 76, 1001-1011.	2.7	145
6	Effect of forward looking sites on a multi-phase lattice hydrodynamic model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 445, 150-160.	1.2	123
7	Effect of multi-phase optimal velocity function on jamming transition in a lattice hydrodynamic model with passing. <i>Nonlinear Dynamics</i> , 2015, 80, 1091-1108.	2.7	113
8	Analyses of Lattice Traffic Flow Model on a Gradient Highway. <i>Communications in Theoretical Physics</i> , 2014, 62, 393-404.	1.1	111
9	Jamming transition of a two-dimensional traffic dynamics with consideration of optimal current difference. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2013, 377, 2027-2033.	0.9	91
10	Phase transition in a two-dimensional triangular flow with consideration of optimal current difference effect. <i>Nonlinear Dynamics</i> , 2014, 78, 957-968.	2.7	77
11	The role of passing in a two-dimensional network. <i>Nonlinear Dynamics</i> , 2016, 86, 389-399.	2.7	45
12	An extended lattice model accounting for traffic jerk. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 492, 1473-1480.	1.2	30