

Chi-Jen Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6459872/publications.pdf>

Version: 2024-02-01

17
papers

143
citations

1478505

6
h-index

1199594

12
g-index

18
all docs

18
docs citations

18
times ranked

133
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamically Driven Formation of Intercalated Cu Carpets from Supported Cu Pyramids on MoS ₂ . Journal of Physical Chemistry Letters, 2022, 13, 6651-6656.	4.6	5
2	Phase transitions in Schloegl's second model for autocatalysis on a Bethe lattice. Physical Review E, 2021, 104, 014135.	2.1	1
3	The structure of stationary solutions to a micro-electro mechanical system with fringing field. Journal of Differential Equations, 2020, 269, 7676-7704.	2.2	3
4	Extended families of critical and stationary droplets for nonequilibrium phase transitions in spatially discrete bistable systems. Physical Review E, 2020, 101, 022803.	2.1	3
5	Exploring the Synthetic Application of Helicobacter pylori Î±1,3/4-Fucosyltransferase FucTIII toward the Syntheses of Fucosylated Human Milk Glycans and Lewis Antigens. ACS Catalysis, 2019, 9, 10712-10720.	11.2	20
6	Anomalous Kinetics of Catalytic Conversion Reactions in Linear Nanopores Mediated by Inhibited Transport: Multiscale Modeling. , 2019, , 173-190.		0
7	Uncovering Hierarchical Structure in Social Networks Using Isospectral Reductions. , 2018, , .		2
8	Discontinuous Phase Transitions in Nonlocal Schloegl Models for Autocatalysis: Loss and Reemergence of a Nonequilibrium Gibbs Phase Rule. Physical Review Letters, 2018, 121, 120603.	7.8	4
9	Kinetic Monte Carlo Simulation of Statistical Mechanical Models and Coarse-Grained Mesoscale Descriptions of Catalytic Reactionâ€”Diffusion Processes: 1D Nanoporous and 2D Surface Systems. Chemical Reviews, 2015, 115, 5979-6050.	47.7	37
10	Discontinuous non-equilibrium phase transition in a threshold Schloegl model for autocatalysis: Generic two-phase coexistence and metastability. Journal of Chemical Physics, 2015, 142, 164105.	3.0	6
11	Langevin and Fokker-Planck Analyses of Inhibited Molecular Passing Processes Controlling Transport and Reactivity in Nanoporous Materials. Physical Review Letters, 2014, 113, 038301.	7.8	6
12	Analytic formulations for one-dimensional decay of rectangular homoepitaxial islands during coarsening on anisotropic fcc (110) surfaces. Physical Review B, 2013, 88, .	3.2	4
13	Schloegl's second model for autocatalysis on hypercubic lattices: Dimension dependence of generic two-phase coexistence. Physical Review E, 2012, 85, 041109.	2.1	9
14	Schloegl's Second Model for Autocatalysis on a Cubic Lattice: Mean-Field-Type Discrete Reaction-Diffusion Equation Analysis. Journal of Statistical Physics, 2011, 144, 1308-1328.	1.2	3
15	A nonlocal quenching problem arising in a micro-electro mechanical system. Quarterly of Applied Mathematics, 2009, 67, 725-734.	0.7	31
16	Blowup rate estimate for a system of semilinear parabolic equations. Communications on Pure and Applied Analysis, 2009, 8, 711-718.	0.8	8
17	GLOBAL AND NON-GLOBAL SOLUTIONS OF A NONLINEAR PARABOLIC EQUATION. Taiwanese Journal of Mathematics, 2005, 9, 187.	0.4	1