

# Ying-Cai Chen

## List of Publications by Year in descending order

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15  
papers

128  
citations

1478505

6  
h-index

1281871

11  
g-index

15  
all docs

15  
docs citations

15  
times ranked

59  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation study on the translocation of polymer chains through nanopores. Journal of Chemical Physics, 2007, 127, 044904.	3.0	28
2	Effect of attractive polymer-pore interactions on translocation dynamics. Journal of Chemical Physics, 2009, 130, 054902.	3.0	21
3	Translocation of Diblock Copolymer through Compound Channels: A Monte Carlo Simulation Study. Macromolecules, 2014, 47, 7215-7220.	4.8	18
4	Escape of polymer chains from an attractive channel under electrical force. Journal of Chemical Physics, 2011, 134, 064905.	3.0	17
5	MONTE CARLO STUDY ON THE ENTROPY OF TAIL-LIKE POLYMER CHAIN WITH ONE END ATTACHED TO FLAT SURFACE. International Journal of Modern Physics B, 2007, 21, 1787-1795.	2.0	9
6	Simulation on the translocation of polymer through compound channels. Journal of Chemical Physics, 2013, 138, 044903.	3.0	6
7	Monte Carlo simulation on the diffusion of polymer in narrow periodical channels. International Journal of Modern Physics B, 2017, 31, 1750144.	2.0	6
8	Simulation study on the migration of diblock copolymers in periodically patterned slits. Journal of Chemical Physics, 2019, 150, 164904.	3.0	5
9	Spontaneous Injection of Polymer into a Spherical Cavity from a Narrow Tube. Macromolecules, 2020, 53, 1694-1700.	4.8	5
10	Simulation on the translocation of homopolymers through sandwich-like compound channels. Journal of Chemical Physics, 2015, 143, 234902.	3.0	4
11	Dynamic Monte Carlo study on the probability distribution functions of tail-like polymer chain. Journal of Zhejiang University Science B, 2005, 6B, 1130-1134.	0.4	4
12	Simulation Study on the Extension of Semi-flexible Polymer Chains in Cylindrical Channel. Chinese Journal of Polymer Science (English Edition), 2019, 37, 1290-1297.	3.8	2
13	Enlarged Stable Phase Region of Hybrid Lamella-sphere Phase Enabled by A1B1A2(B2)m Branched Tetrablock Copolymer. Chinese Journal of Polymer Science (English Edition), 2021, 39, 925-933.	3.8	2
14	Migration of polymer chains in periodically patterned slit channels: a Langevin dynamics simulation study. Materials Research Express, 2019, 6, 085314.	1.6	1
15	Driven injection of a polymer into a spherical cavity: A Langevin Dynamics simulation study. Chinese Physics B, 0, , .	1.4	0