

# Yeong Zen Chua

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

450  
citations

759233

12  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

504  
citing authors

#	ARTICLE	IF	CITATIONS
1	First Clear-Cut Experimental Evidence of a Glass Transition in a Polymer with Intrinsic Microporosity: PIM-1. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2003-2008.	4.6	67
2	Glass transition cooperativity from broad band heat capacity spectroscopy. <i>Colloid and Polymer Science</i> , 2014, 292, 1893-1904.	2.1	57
3	New experimental melting properties as access for predicting amino-acid solubility. <i>RSC Advances</i> , 2018, 8, 6365-6372.	3.6	45
4	Melting properties of amino acids and their solubility in water. <i>RSC Advances</i> , 2020, 10, 44205-44215.	3.6	39
5	Vapor-deposited alcohol glasses reveal a wide range of kinetic stability. <i>Journal of Chemical Physics</i> , 2016, 145, 174506.	3.0	38
6	Effect of Backbone Rigidity on the Glass Transition of Polymers of Intrinsic Microporosity Probed by Fast Scanning Calorimetry. <i>ACS Macro Letters</i> , 2019, 8, 1022-1028.	4.8	35
7	Melting properties of peptides and their solubility in water. Part 1: dipeptides based on glycine or alanine. <i>RSC Advances</i> , 2019, 9, 32722-32734.	3.6	30
8	Vapor-deposited glasses of methyl- <i>m</i> -toluate: How uniform is stable glass transformation?. <i>Journal of Chemical Physics</i> , 2015, 143, 244509.	3.0	26
9	Glass transition and stable glass formation of tetrachloromethane. <i>Journal of Chemical Physics</i> , 2016, 144, 244503.	3.0	23
10	Temperature fluctuations and the thermodynamic determination of the cooperativity length in glass forming liquids. <i>Journal of Chemical Physics</i> , 2017, 146, 104501.	3.0	21
11	Limited surface mobility inhibits stable glass formation for 2-ethyl-1-hexanol. <i>Journal of Chemical Physics</i> , 2017, 146, 203317.	3.0	21
12	Unravelling the nature of citric acid: arginine:water mixtures: the bifunctional role of water. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 1706-1717.	2.8	20
13	Melting Properties of Peptides and Their Solubility in Water. Part 2: Di- and Tripeptides Based on Glycine, Alanine, Leucine, Proline, and Serine. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 4693-4704.	3.7	13
14	Correlation between glass transition temperature and the width of the glass transition interval. <i>International Journal of Applied Glass Science</i> , 2019, 10, 502-513.	2.0	12
15	The melting properties of D- $\alpha$ -glucose, D- $\beta$ -fructose, D-sucrose, D- $\alpha$ -galactose, and D- $\alpha$ -xylose and their solubility in water: A revision. <i>Food Biophysics</i> , 2022, 17, 181-197.	3.0	3