Yeong Zen Chua

List of Publications by Year
in descending order

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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	The melting properties of D-Î±-glucose, D-Î²-fructose, D-sucrose, D-Î±-galactose, and D-Î±-xylose and their solubility in water: A revision. Food Biophysics, 2022, 17, 181-197.	3.0	3
2	Unravelling the nature of citric acid:<scp>l</scp>-arginine:water mixtures: the bifunctional role of water. Physical Chemistry Chemical Physics, 2021, 23, 1706-1717.	2.8	20
3	Melting Properties of Peptides and Their Solubility in Water. Part 2: Di- and Tripeptides Based on Glycine, Alanine, Leucine, Proline, and Serine. Industrial & Engineering Chemistry Research, 2021, 60, 4693-4704.	3.7	13
4	Melting properties of amino acids and their solubility in water. RSC Advances, 2020, 10, 44205-44215.	3.6	39
5	Effect of Backbone Rigidity on the Glass Transition of Polymers of Intrinsic Microporosity Probed by Fast Scanning Calorimetry. ACS Macro Letters, 2019, 8, 1022-1028.	4.8	35
6	Correlation between glass transition temperature and the width of the glass transition interval. International Journal of Applied Glass Science, 2019, 10, 502-513.	2.0	12
7	Melting properties of peptides and their solubility in water. Part 1: dipeptides based on glycine or alanine. RSC Advances, 2019, 9, 32722-32734.	3.6	30
8	New experimental melting properties as access for predicting amino-acid solubility. RSC Advances, 2018, 8, 6365-6372.	3.6	45
9	First Clear-Cut Experimental Evidence of a Glass Transition in a Polymer with Intrinsic Microporosity: PIM-1. Journal of Physical Chemistry Letters, 2018, 9, 2003-2008.	4.6	67
10	Temperature fluctuations and the thermodynamic determination of the cooperativity length in glass forming liquids. Journal of Chemical Physics, 2017, 146, 104501.	3.0	21
11	Limited surface mobility inhibits stable glass formation for 2-ethyl-1-hexanol. Journal of Chemical Physics, 2017, 146, 203317.	3.0	21
12	Glass transition and stable glass formation of tetrachloromethane. Journal of Chemical Physics, 2016, 144, 244503.	3.0	23
13	Vapor-deposited alcohol glasses reveal a wide range of kinetic stability. Journal of Chemical Physics, 2016, 145, 174506.	3.0	38
14	Vapor-deposited glasses of methyl-m-toluate: How uniform is stable glass transformation?. Journal of Chemical Physics, 2015, 143, 244509.	3.0	26
15	Glass transition cooperativity from broad band heat capacity spectroscopy. Colloid and Polymer Science, 2014, 292, 1893-1904.	2.1	57