

Wen-Chyan Tsai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2664692/publications.pdf>

Version: 2024-02-01

10
papers

261
citations

1307594

7
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

334
citing authors

#	ARTICLE	IF	CITATIONS
1	Line Tension Controls Liquid-Disordered + Liquid-Ordered Domain Size Transition in Lipid Bilayers. <i>Biophysical Journal</i> , 2017, 112, 1431-1443.	0.5	78
2	Liposomal microencapsulation using the conventional methods and novel supercritical fluid processes. <i>Trends in Food Science and Technology</i> , 2016, 55, 61-71.	15.1	48
3	Simultaneous microencapsulation of hydrophilic and lipophilic bioactives in liposomes produced by an ecofriendly supercritical fluid process. <i>Food Research International</i> , 2017, 99, 256-262.	6.2	35
4	Progress of supercritical fluid technology in polymerization and its applications in biomedical engineering. <i>Progress in Polymer Science</i> , 2019, 98, 101161.	24.7	32
5	Lowering line tension with high cholesterol content induces a transition from macroscopic to nanoscopic phase domains in model biomembranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 478-485.	2.6	31
6	Microencapsulation and characterization of liposomal vesicles using a supercritical fluid process coupled with vacuum-driven cargo loading. <i>Food Research International</i> , 2017, 96, 94-102.	6.2	19
7	Solubility measurement of methyl anthranilate in supercritical carbon dioxide using dynamic and static equilibrium systems. <i>Journal of the Science of Food and Agriculture</i> , 2006, 86, 2083-2091.	3.5	12
8	Measurement and Correlation of Citronellal and Methyl Anthranilate Solubilities in Supercritical Carbon Dioxide. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 182-187.	1.9	6
9	Line Tension and Phase Separation of a Four-Component Phospholipid Bilayer. <i>Biophysical Journal</i> , 2016, 110, 73a-74a.	0.5	0
10	Effects of Ester and Ether Linkage in Phospholipids on L d + L o Domain Size Transition for a Four-Component Lipid Bilayer Mixture. <i>Biophysical Journal</i> , 2017, 112, 376a-377a.	0.5	0