

Yong-Ming Liu

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

278
citations

1163065

8
h-index

940516

16
g-index

27
all docs

27
docs citations

27
times ranked

350
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of solvent freeze-out technology for protein crystallization. <i>CrystEngComm</i> , 2021, 23, 2723-2732.	2.6	2
2	Measurement of contact angle under different gravity generated by a long-arm centrifuge. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 588, 124381.	4.7	7
3	The Possibility of Changing the Wettability of Material Surface by Adjusting Gravity. <i>Research</i> , 2020, 2020, 2640834.	5.7	7
4	A first attempt investigation on crystallization screening and crystal quality of lysozyme under different simulated gravities in a large-gradient magnetic field. <i>CrystEngComm</i> , 2019, 21, 4001-4010.	2.6	6
5	Magnetic confinement of diamagnetic objects for space utilization. <i>Acta Astronautica</i> , 2018, 153, 71-81.	3.2	3
6	Effects of large gradient high magnetic field (LG-HMF) on the long-term culture of aquatic organisms: Planarians example. <i>Bioelectromagnetics</i> , 2018, 39, 428-440.	1.6	4
7	Effect of the weather conditions during solution preparation on lysozyme crystallization. <i>Journal of Applied Crystallography</i> , 2017, 50, 1341-1351.	4.5	1
8	Measurement of contact angles in a simulated microgravity environment generated by a large gradient magnetic field. <i>Review of Scientific Instruments</i> , 2016, 87, 095107.	1.3	8
9	A novel rotating experimental platform in a superconducting magnet. <i>Review of Scientific Instruments</i> , 2016, 87, 084302.	1.3	3
10	Effect of Audible Sound on Protein Crystallization. <i>Crystal Growth and Design</i> , 2016, 16, 705-713.	3.0	17
11	Sensitivity of lysozyme crystallization to temperature variation. <i>CrystEngComm</i> , 2016, 18, 1609-1617.	2.6	12
12	An ignored variable: solution preparation temperature in protein crystallization. <i>Scientific Reports</i> , 2015, 5, 7797.	3.3	15
13	A new method to realize high-throughput protein crystallization in a superconducting magnet. <i>CrystEngComm</i> , 2015, 17, 1237-1241.	2.6	8
14	Promoting protein crystallization using a plate with simple geometry. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 647-657.	2.5	7
15	Utilisation of adsorption and desorption for simultaneously improving protein crystallisation success rate and crystal quality. <i>Scientific Reports</i> , 2014, 4, 7308.	3.3	20
16	Surface treatment by oxidizing the plates can alter the response of protein crystallization. <i>Journal of Applied Crystallography</i> , 2014, 47, 228-236.	4.5	7
17	An Investigation of the Effects of Self-Assembled Monolayers on Protein Crystallisation. <i>International Journal of Molecular Sciences</i> , 2013, 14, 12329-12345.	4.1	14
18	A quality comparison of protein crystals grown under containerless conditions generated by diamagnetic levitation, silicone oil and agarose gel. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 1901-1910.	2.5	17

#	ARTICLE	IF	CITATIONS
19	Fast preparation of a desiccant array for the gradual desiccation method in protein crystallization screening. <i>Journal of Applied Crystallography</i> , 2013, 46, 817-822.	4.5	2
20	A quality comparison of protein crystals grown under containerless conditions generated by diamagnetic levitation, silicone oil and agarose gel. Erratum. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 2583-2583.	2.5	1
21	Correlation between Protein Sequence Similarity and Crystallization Reagents in the Biological Macromolecule Crystallization Database. <i>International Journal of Molecular Sciences</i> , 2012, 13, 9514-9526.	4.1	8
22	Evaporation Rate of Water as a Function of a Magnetic Field and Field Gradient. <i>International Journal of Molecular Sciences</i> , 2012, 13, 16916-16928.	4.1	73
23	Selecting Temperature for Protein Crystallization Screens Using the Temperature Dependence of the Second Virial Coefficient. <i>PLoS ONE</i> , 2011, 6, e17950.	2.5	7
24	The effect of diluting crystallization droplets on protein crystallization in vapor diffusion method. <i>Crystal Research and Technology</i> , 2011, 46, 917-925.	1.3	2
25	Effect of mechanical vibration on protein crystallization. <i>Journal of Applied Crystallography</i> , 2010, 43, 473-482.	4.5	18
26	Replacing a reservoir solution with desiccant in vapor diffusion protein crystallization screening. <i>Journal of Applied Crystallography</i> , 2010, 43, 1021-1026.	4.5	8