

Julie Varley

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10652172/publications.pdf>

Version: 2024-02-01

14
papers

698
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

589
citing authors

#	ARTICLE	IF	CITATIONS
1	The uses of passive measurement of acoustic emissions from chemical engineering processes. <i>Chemical Engineering Science</i> , 2001, 56, 1749-1767.	3.8	190
2	Characterisation of colloidal gas aphanons for subsequent use for protein recovery. <i>Chemical Engineering Journal</i> , 1997, 65, 1-11.	12.7	79
3	Colloidal gas aphanons (CGA): Dispersion and structural features. <i>AIChE Journal</i> , 2000, 46, 24-36.	3.6	60
4	The response of GS-NS0 myeloma cells to single and multiple pH perturbations. <i>Biotechnology and Bioengineering</i> , 2002, 79, 398-407.	3.3	60
5	Colloidal gas aphanons: potential applications in biotechnology. <i>Trends in Biotechnology</i> , 1999, 17, 389-395.	9.3	57
6	The response of GS-NS0 myeloma cells to pH shifts and pH perturbations. <i>Biotechnology and Bioengineering</i> , 2001, 75, 63-73.	3.3	53
7	Protein recovery using gas-liquid dispersions. <i>Biomedical Applications</i> , 1998, 711, 31-43.	1.7	51
8	The effect of hyperosmotic pressure on antibody production and gene expression in the GS-NS0 cell line. <i>Biotechnology and Applied Biochemistry</i> , 2004, 40, 41.	3.1	33
9	Development and Analysis of a Mathematical Model for Antibody-Producing GS-NS0 Cells Under Normal and Hyperosmotic Culture Conditions. <i>Biotechnology Progress</i> , 2006, 22, 1560-1569.	2.6	27
10	Sound measurement as a means of gas-bubble sizing in aerated agitated tanks. <i>AIChE Journal</i> , 1998, 44, 1731-1739.	3.6	26
11	ζ potential measurement for air bubbles in protein solutions. <i>Journal of Colloid and Interface Science</i> , 2003, 260, 332-338.	9.4	22
12	Partition of protein from binary mixtures by a batch foaming process. <i>Biotechnology Letters</i> , 1996, 10, 133-140.	0.5	15
13	Acoustic emission measurement of low velocity plunging jets to monitor bubble size. <i>Chemical Engineering Journal</i> , 2004, 97, 11-25.	12.7	13
14	An investigation of the physico-chemical basis of foaming in fungal fermentations. <i>Biotechnology and Bioengineering</i> , 1994, 44, 801-807.	3.3	12