# Julie Varley

List of Publications by Year
in descending order



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