

Am Lenhoff

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11768127/publications.pdf>

Version: 2024-02-01

20
papers

1,627
citations

471509

17
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1272
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein Interactions in Solution Characterized by Light and Neutron Scattering: Comparison of Lysozyme and Chymotrypsinogen. <i>Biophysical Journal</i> , 1998, 75, 2682-2697.	0.5	319
2	Molecular Origins of Osmotic Second Virial Coefficients of Proteins. <i>Biophysical Journal</i> , 1998, 75, 2469-2477.	0.5	254
3	Why is the osmotic second virial coefficient related to protein crystallization?. <i>Journal of Crystal Growth</i> , 1999, 196, 377-387.	1.5	179
4	Van der Waals interactions involving proteins. <i>Biophysical Journal</i> , 1996, 70, 977-987.	0.5	177
5	Correlation between the Osmotic Second Virial Coefficient and the Solubility of Proteins. <i>Biotechnology Progress</i> , 2001, 17, 182-187.	2.6	95
6	Effects of ionic strength on lysozyme uptake rates in cation exchangers. I: Uptake in SP Sepharose FF. <i>Biotechnology and Bioengineering</i> , 2005, 91, 139-153.	3.3	82
7	Sorption processes in ion-exchange chromatography of viruses. <i>Journal of Chromatography A</i> , 2007, 1142, 2-12.	3.7	77
8	Size does matter: electrostatically determined surface coverage trends in protein and colloid adsorption. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2000, 165, 125-141.	4.7	64
9	Analysis of ordered arrays of adsorbed lysozyme by scanning tunneling microscopy. <i>Biophysical Journal</i> , 1993, 64, 886-895.	0.5	53
10	Protein crystallization by design: chymotrypsinogen without precipitants 1 Edited by I. A. Wilson. <i>Journal of Molecular Biology</i> , 2000, 300, 235-239.	4.2	53
11	Light-Scattering Studies of Protein Solutions: Role of Hydration in Weak Protein-Protein Interactions. <i>Biophysical Journal</i> , 2005, 89, 1564-1573.	0.5	50
12	A Consistent Experimental and Modeling Approach to Light-Scattering Studies of Protein-Protein Interactions in Solution. <i>Biophysical Journal</i> , 2005, 88, 3300-3309.	0.5	48
13	Calculation of short-range interactions between proteins. <i>Biophysical Chemistry</i> , 1999, 78, 219-231.	2.8	46
14	A patchâ€“antipatch representation of specific protein interactions. <i>Journal of Crystal Growth</i> , 2001, 232, 195-203.	1.5	33
15	Use of moments to characterize mass transport in steady flows of arbitrary complexity. <i>Chemical Engineering Science</i> , 1982, 37, 954-956.	3.8	22
16	The effects of axial diffusion and permeability barriers on the transient response of tissue cylinders. I. Solution in transform space. <i>Journal of Theoretical Biology</i> , 1982, 97, 663-677.	1.7	20
17	The effects of axial diffusion and permeability barriers on the transient response of tissue cylinders. II. Solution in time domain. <i>Journal of Theoretical Biology</i> , 1984, 106, 207-238.	1.7	18
18	Ultracentrifugal crystallization of proteins: transport-kinetic modelling, and experimental behavior of catalase. <i>Journal of Crystal Growth</i> , 1997, 180, 113-126.	1.5	17

#	ARTICLE	IF	CITATIONS
19	Role of competitive interactions in growth rate trends of subtilisin s88 crystals. Journal of Crystal Growth, 2000, 212, 543-554.	1.5	11
20	Convective dispersion and interphase mass transfer. Chemical Engineering Science, 1986, 41, 2795-2810.	3.8	9