

Alexandra L Klinger

List of Publications by Year in descending order

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24
papers

523
citations

759233

12
h-index

888059

17
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24
all docs

24
docs citations

24
times ranked

485
citing authors

#	ARTICLE	IF	CITATIONS
1	Proton transfer from Asp-96 to the bacteriorhodopsin Schiff base is caused by a decrease of the pKa of Asp-96 which follows a protein backbone conformational change. <i>Biochemistry</i> , 1993, 32, 1981-1990.	2.5	103
2	Structural determination of estrogen-related receptor $\hat{1}^3$ in the presence of phenol derivative compounds. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2008, 108, 44-54.	2.5	55
3	A MurF Inhibitor That Disrupts Cell Wall Biosynthesis in <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 4420-4426.	3.2	51
4	Structural comparison of metarhodopsin II, metarhodopsin III, and opsin based on kinetic analysis of Fourier transform infrared difference spectra. <i>Biophysical Journal</i> , 1992, 63, 1244-1255.	0.5	47
5	Air bubble contact with endothelial cells in vitro induces calcium influx and IP3-dependent release of calcium stores. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 301, C679-C686.	4.6	39
6	Confirmation of a unique intra-dimer cooperativity in the human hemoglobin $\hat{1}^1$ half-oxygenated intermediate supports the symmetry rule model of allosteric regulation. <i>Proteins: Structure, Function and Bioinformatics</i> , 2000, 41, 23-43.	2.6	38
7	Thermodynamic Studies on the Equilibrium Properties of a Series of Recombinant $\hat{1}^2$ W37 Hemoglobin Mutants. <i>Biochemistry</i> , 1998, 37, 4336-4345.	2.5	33
8	Inhibition of Carbonic Anhydrase-II by Sulfamate and Sulfamide Groups: An Investigation Involving Direct Thermodynamic Binding Measurements. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 3496-3500.	6.4	33
9	Mechanotransductional basis of endothelial cell response to intravascular bubbles. <i>Integrative Biology (United Kingdom)</i> , 2011, 3, 1033.	1.3	31
10	A Synchrotron-Based Hydroxyl Radical Footprinting Analysis of Amyloid Fibrils and Prefibrillar Intermediates with Residue-Specific Resolution. <i>Biochemistry</i> , 2014, 53, 7724-7734.	2.5	26
11	Thermal stability landscape for Klenow DNA polymerase as a function of pH and salt concentration. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2006, 1764, 1546-1552.	2.3	21
12	Expression and characterization of the fourth repeat of <i>Xenopus</i> interphotoreceptor retinoid-binding protein in <i>E. coli</i> . <i>Current Eye Research</i> , 1994, 13, 391-400.	1.5	17
13	Asymmetric Distribution of Cooperativity in the Binding Cascade of Normal Human Hemoglobin. 1. Cooperative and Noncooperative Oxygen Binding in Zn-Substituted Hemoglobin. <i>Biochemistry</i> , 2005, 44, 11925-11938.	2.5	11
14	Fourier transform infrared spectroscopic analysis of altered reaction pathways in site-directed mutants: the D212N mutant of bacteriorhodopsin expressed in <i>Halobacterium halobium</i> . <i>Biophysical Journal</i> , 1992, 62, 56-58.	0.5	8
15	Pefluorocarbon inhibition of bubble induced Ca^{2+} transients in an <i>in vitro</i> model of vascular gas embolism. <i>Experimental Biology and Medicine</i> , 2014, 239, 116-122.	2.4	6
16	[10] Analysis of spectra from multiwavelength oxygen-binding studies of mixed metal hybrid hemoglobins. <i>Methods in Enzymology</i> , 1998, 295, 190-207.	1.0	3
17	Oxidative Footprinting of Fibrillar and Prefibrillar Oligomeric Forms of Amyloid Beta. <i>Biophysical Journal</i> , 2013, 104, 399a.	0.5	1
18	Cellular Potts Modeling of Matrix-Dependent Endothelial Cell Networking. <i>Biophysical Journal</i> , 2009, 96, 628a.	0.5	0

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19	Understanding the Mechanotransductional Basis of Intravascular Bubble Injury. <i>Biophysical Journal</i> , 2011, 100, 280a.	0.5	0
20	Oxidative Footprinting of Fibrillar and Prefibrillar Oligomer Forms of Amyloid Beta. <i>Biophysical Journal</i> , 2012, 102, 242a.	0.5	0
21	Sequence Specific Radiolytic Footprinting Study of Monomer, Oligomeric and Fibrillar Amyloid Beta (1-42). <i>Biophysical Journal</i> , 2015, 108, 495a.	0.5	0
22	Amyloid- β (1-42) Oligomer Models Developed using Combined Solid State NMR and Sequence Specific Hydroxyl Radical Footprinting Data. <i>Biophysical Journal</i> , 2016, 110, 555a.	0.5	0
23	Sequence Specific Quantitative Hydroxyl Radical Footprinting Reveals Structural Details of Amyloid- β (1-42) Peptide Oligomerization. <i>Biophysical Journal</i> , 2017, 112, 363a.	0.5	0
24	Quantitative Hydroxyl Radical Footprinting Study Reveals Structural Details of the Disorder-to-Order Transition in Amyloid-Beta (1-42) Oligomerization. <i>Biophysical Journal</i> , 2018, 114, 430a.	0.5	0