Alexandra L Klinger

List of Publications by Year
in descending order

24	523	759233 12	888059 17
papers	citations	h-index	g-index

24	24	24	485
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quantitative Hydroxyl Radical Footprinting Study Reveals Structural Details of the Disorder-to-Order Transition in Amyloid-Beta (1-42) Oligomerization. Biophysical Journal, 2018, 114, 430a.	0.5	0
2	Sequence Specific Quantitative Hydroxyl Radical Footprinting Reveals Structural Details of Amyloid-ÃŸ (1-42) Peptide Oligomerization. Biophysical Journal, 2017, 112, 363a.	0.5	0
3	Amyloid-Î²(1-42)Oligomer Models Developed using Combined Solid State NMR and Sequence Specific Hydroxyl Radical Footprinting Data. Biophysical Journal, 2016, 110, 555a.	0.5	0
4	Sequence Specific Radiolytic Footprinting Study of Monomer, Oligomeric and Fibrillar Amyloid Beta (1-42). Biophysical Journal, 2015, 108, 495a.	0.5	0
5	A Synchrotron-Based Hydroxyl Radical Footprinting Analysis of Amyloid Fibrils and Prefibrillar Intermediates with Residue-Specific Resolution. Biochemistry, 2014, 53, 7724-7734.	2.5	26
6	Pefluorocarbon inhibition of bubble induced Ca²⁺ transients in an inÂvitro model of vascular gas embolism. Experimental Biology and Medicine, 2014, 239, 116-122.	2.4	6
7	Oxidative Footprinting of Fibrillar and Prefibrillar Oligomeric Forms of Amyloid Beta. Biophysical Journal, 2013, 104, 399a.	0.5	1
8	Oxidative Footprinting of Fibrillar and Prefibrillar Oligomer Forms of Amyloid Beta. Biophysical Journal, 2012, 102, 242a.	0.5	0
9	Mechanotransductional basis of endothelial cell response to intravascular bubbles. Integrative Biology (United Kingdom), 2011, 3, 1033.	1.3	31
10	Air bubble contact with endothelial cells in vitro induces calcium influx and IP3-dependent release of calcium stores. American Journal of Physiology - Cell Physiology, 2011, 301, C679-C686.	4.6	39
11	Understanding the Mechanotransductional Basis of Intravascular Bubble Injury. Biophysical Journal, 2011, 100, 280a.	0.5	0
12	Cellular Potts Modeling of Matrix-Dependent Endothelial Cell Networking. Biophysical Journal, 2009, 96, 628a.	0.5	0
13	Structural determination of estrogen-related receptor Î³ in the presence of phenol derivative compounds. Journal of Steroid Biochemistry and Molecular Biology, 2008, 108, 44-54.	2.5	55
14	A MurF Inhibitor That Disrupts Cell Wall Biosynthesis in Escherichia coli. Antimicrobial Agents and Chemotherapy, 2007, 51, 4420-4426.	3.2	51
15	Inhibition of Carbonic Anhydrase-II by Sulfamate and Sulfamide Groups:Â An Investigation Involving Direct Thermodynamic Binding Measurements. Journal of Medicinal Chemistry, 2006, 49, 3496-3500.	6.4	33
16	Thermal stability landscape for Klenow DNA polymerase as a function of pH and salt concentration. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2006, 1764, 1546-1552.	2.3	21
17	Asymmetric Distribution of Cooperativity in the Binding Cascade of Normal Human Hemoglobin. 1. Cooperative and Noncooperative Oxygen Binding in Zn-Substituted Hemoglobin. Biochemistry, 2005, 44, 11925-11938.	2.5	11
18	Confirmation of a unique intra-dimer cooperativity in the human hemoglobin ?1?1half-oxygenated intermediate supports the symmetry rule model of allosteric regulation. Proteins: Structure, Function and Bioinformatics, 2000, 41, 23-43.	2.6	38

#	Article	IF	Citations
19	Thermodynamic Studies on the Equilibrium Properties of a Series of Recombinant Î²W37 Hemoglobin Mutantsâ€. Biochemistry, 1998, 37, 4336-4345.	2.5	33
20	[10] Analysis of spectra from multiwavelength oxygen-binding studies of mixed metal hybrid hemoglobins. Methods in Enzymology, 1998, 295, 190-207.	1.0	3
21	Expression and characterization of the fourth repeat ofXenopusinterphotoreceptor retinoid-binding protein inE. coli. Current Eye Research, 1994, 13, 391-400.	1.5	17
22	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. Biochemistry, 1993, 32, 1981-1990.	2.5	103
23	Structural comparison of metarhodopsin II, metarhodopsin III, and opsin based on kinetic analysis of Fourier transform infrared difference spectra. Biophysical Journal, 1992, 63, 1244-1255.	0.5	47
24	Fourier transform infrared spectroscopic analysis of altered reaction pathways in site-directed mutants: the D212N mutant of bacteriorhodopsin expressed in Halobacterium halobium. Biophysical Journal, 1992, 62, 56-58.	0.5	8