Claus Czeslik

List of Publications by Year in descending order

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26	450	933447 10	713466 21
papers	citations	h-index	g-index

27	27	27	541
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adsorption mechanism, secondary structure and local distribution of proteins at polyelectrolyte brushes. Colloid and Polymer Science, 2020, 298, 775-789.	2.1	5
2	High-pressure study of magnetic nanoparticles with a polyelectrolyte brush as carrier particles for enzymes. Colloids and Surfaces B: Biointerfaces, 2019, 182, 110344.	5.0	1
3	Analyzing protein-ligand and protein-interface interactions using high pressure. Biophysical Chemistry, 2019, 252, 106194.	2.8	8
4	A high pressure study of calmodulinâ€“ligand interactions using small-angle X-ray and elastic incoherent neutron scattering. Physical Chemistry Chemical Physics, 2018, 20, 3514-3522.	2.8	8
5	Inhibitor and peptide binding to calmodulin characterized by high pressure Fourier transform infrared spectroscopy and FÃ¶rster resonance energy transfer. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2018, 1866, 617-623.	2.3	9
6	Interaction of calmodulin with poly(acrylic acid) brushes: Effects of high pressure, pH-value and ligand binding. Colloids and Surfaces B: Biointerfaces, 2018, 171, 478-484.	5.0	4
7	Building Polyelectrolyte Multilayers with Calmodulin: A Neutron and X-ray Reflectivity Study. Langmuir, 2017, 33, 3982-3990.	3.5	6
8	Enzymatic activity under pressure. MRS Bulletin, 2017, 42, 738-742.	3.5	22
9	Lipid Phase Control and Secondary Structure of Viral Fusion Peptides Anchored in Monoolein Membranes. Journal of Physical Chemistry B, 2017, 121, 8492-8502.	2.6	4
10	Bioresponsive interfaces composed of calmodulin and poly(ethylene glycol): Toggling the interfacial film thickness by protein-ligand binding. Colloids and Surfaces B: Biointerfaces, 2017, 158, 9-15.	5.0	3
11	Volume profile of Î±-chymotrypsin during adsorption and enzymatic reaction on a poly(acrylic acid) brush. Physical Chemistry Chemical Physics, 2016, 18, 9070-9078.	2.8	8
12	Improved activity of Î±-chymotrypsin on silica particles â€“ A high-pressure stopped-flow study. Biophysical Chemistry, 2016, 218, 1-6.	2.8	8
13	Effect of interfacial properties on the activation volume of adsorbed enzymes. Colloids and Surfaces B: Biointerfaces, 2016, 140, 497-504.	5.0	8
14	Secondary structure and folding stability of proteins adsorbed on silica particles â€“ Pressure versus temperature denaturation. Colloids and Surfaces B: Biointerfaces, 2015, 129, 161-168.	5.0	15
15	Packing Effects of N-Ras Binding to a DOPC Membrane â€“ a Neutron Reflectivity and TIRF Spectroscopy High-Pressure Study. Zeitschrift Fur Physikalische Chemie, 2014, 228, 969-986.	2.8	1
16	Probing aggregation and fibril formation of insulin in polyelectrolyte multilayers. Colloids and Surfaces B: Biointerfaces, 2012, 94, 80-88.	5.0	5
17	Methoden der Biophysikalischen Chemie. , 2011, , .		8
18	A quantitative study of the enzymatic activity of horseradish peroxidase at a planar poly(acrylic acid) brush. Colloids and Surfaces B: Biointerfaces, 2010, 75, 612-616.	5.0	17

#	Article	IF	Citations
19	Probing adsorption and aggregation of insulin at a poly(acrylic acid) brush. Physical Chemistry Chemical Physics, 2010, 12, 4375.	2.8	31
20	Native-like Structure of Proteins at a Planar Poly(acrylic acid) Brush. Langmuir, 2009, 25, 1047-1053.	3.5	47
21	Interaction of IAPP and Insulin with Model Interfaces Studied Using Neutron Reflectometry. Biophysical Journal, 2009, 96, 1115-1123.	0.5	33
22	An access to buried interfaces: the X-ray reflectivity set-up of BL9 at DELTA. Journal of Synchrotron Radiation, 2008, 15, 600-605.	2.4	27
23	Structure and dynamics of Î±-lactalbumin adsorbed at a charged brush interface. Physical Chemistry Chemical Physics, 2008, 10, 1448.	2.8	50
24	Characterization of a Planar Poly(acrylic acid) Brush as a Materials Coating for Controlled Protein Immobilization. Langmuir, 2006, 22, 3300-3305.	3.5	87
25	Spatial distribution of protein molecules adsorbed at a polyelectrolyte multilayer. Physical Review E, 2005, 71, 041912.	2.1	19
26	Structure of water confined in bicontinuous cubic lipidâ€“water mesophases. Physical Chemistry Chemical Physics, 2000, 2, 1621-1625.	2.8	7