

Jörg H Kleinschmidt

List of Publications by Year in descending order

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48
papers

2,538
citations

186265

28
h-index

276875

41
g-index

50
all docs

50
docs citations

50
times ranked

1906
citing authors

#	ARTICLE	IF	CITATIONS
1	The Thermodynamic Stability of Membrane Proteins in Micelles and Lipid Bilayers Investigated with the Ferrichrom Receptor FhuA. <i>Journal of Membrane Biology</i> , 2022, 255, 485-502.	2.1	4
2	Kinetics of Insertion and Folding of Outer Membrane Proteins by Gel Electrophoresis. <i>Methods in Molecular Biology</i> , 2019, 2003, 145-162.	0.9	4
3	Folding of β^2 -Barrel Membrane Proteins into Lipid Membranes by Site-Directed Fluorescence Spectroscopy. <i>Methods in Molecular Biology</i> , 2019, 2003, 465-492.	0.9	4
4	Interactions of the Membrane Protein Chaperone Skp with BamD of the β^2 -Barrel Assembly Machinery Complex from <i>E. coli</i> . <i>Biophysical Journal</i> , 2018, 114, 243a-244a.	0.5	1
5	The Lipoprotein BamB Facilitates Folding and Insertion of Outer Membrane Protein A (OmpA) into Lipid Membranes Depending on Bilayer Thickness. <i>Biophysical Journal</i> , 2016, 110, 227a-228a.	0.5	0
6	Folding of β^2 -barrel membrane proteins in lipid bilayers – Unassisted and assisted folding and insertion. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 1927-1943.	2.6	73
7	Folding and stability of integral membrane proteins in amphipols. <i>Archives of Biochemistry and Biophysics</i> , 2014, 564, 327-343.	3.0	46
8	Folding and stability of outer membrane protein A (OmpA) from <i>Escherichia coli</i> in an amphipathic polymer, amphipol A8-35. <i>European Biophysics Journal</i> , 2013, 42, 103-118.	2.2	63
9	Periplasmic Chaperones and their Function in the Folding of Outer Membrane Protein A into Lipid Membranes. <i>Biophysical Journal</i> , 2013, 104, 195a.	0.5	0
10	The Lipid Bilayer-Inserted Membrane Protein BamA of <i>Escherichia coli</i> Facilitates Insertion and Folding of Outer Membrane Protein A from Its Complex with Skp. <i>Biochemistry</i> , 2013, 52, 3974-3986.	2.5	55
11	β^2 -Barrel scaffolds for the grafting of extracellular loops from G-protein-coupled receptors. <i>Biological Chemistry</i> , 2012, 393, 1341-1355.	2.5	9
12	Effects of the Periplasmic Domain of BamA, the Essential Transmembrane Protein of the Beta-Barrel Assembly Machinery (BAM), in Folding and Insertion of the Outer Membrane Protein A. <i>Biophysical Journal</i> , 2012, 102, 625a.	0.5	0
13	Binding Regions in the Skp Chaperone for Client Membrane Proteins. A Site-Directed Fluorescence Study. <i>Biophysical Journal</i> , 2012, 102, 60a.	0.5	0
14	Amphipols From A to Z. <i>Annual Review of Biophysics</i> , 2011, 40, 379-408.	10.0	226
15	Association of Neighboring β^2 -Strands of Outer Membrane Protein A in Lipid Bilayers Revealed by Site-Directed Fluorescence Quenching. <i>Journal of Molecular Biology</i> , 2011, 407, 316-332.	4.2	33
16	A Chimeric GPCR Model Mimicking the Ligand Binding Site of the Human Y1 Receptor Studied by NMR Spectroscopy. <i>ChemBioChem</i> , 2011, 12, 1690-1693.	2.6	5
17	Binding Regions of Outer Membrane Protein A in Complexes with the Periplasmic Chaperone Skp. A Site-Directed Fluorescence Study. <i>Biochemistry</i> , 2009, 48, 4926-4936.	2.5	40
18	The Periplasmic Chaperone Skp Facilitates Targeting, Insertion, and Folding of OmpA into Lipid Membranes with a Negative Membrane Surface Potential. <i>Biochemistry</i> , 2009, 48, 10235-10245.	2.5	58

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19	Binding Sites of Outer Membrane Protein A (OmpA) in the Complex with the Periplasmic Chaperone Skp from <i>E. Coli</i> . A site-directed fluorescence study. <i>Biophysical Journal</i> , 2009, 96, 449a-450a.	0.5	2
20	Comparison of Insertion and Folding of Chaperone-bound Outer Membrane Protein A (OmpA) of <i>E. coli</i> into Phospholipid Bilayers of Various Composition. <i>Biophysical Journal</i> , 2009, 96, 449a.	0.5	0
21	Incorporation of Outer Membrane Protein OmpG in Lipid Membranes: Protein~lipid Interactions and β -Barrel Orientation. <i>Biochemistry</i> , 2008, 47, 6189-6198.	2.5	28
22	Protein~Lipid Interactions with <i>Fusobacterium nucleatum</i> Major Outer Membrane Protein FomA: Spin-Label EPR and Polarized Infrared Spectroscopy. <i>Biochemistry</i> , 2008, 47, 8414-8423.	2.5	27
23	Omp85 _{Tt} from <i>Thermus thermophilus</i> HB27: an Ancestral Type of the Omp85 Protein Family. <i>Journal of Bacteriology</i> , 2008, 190, 4568-4575.	2.2	29
24	Correct Folding of the β -Barrel of the Human Membrane Protein VDAC Requires a Lipid Bilayer. <i>Journal of Molecular Biology</i> , 2007, 368, 66-78.	4.2	76
25	The Trimeric Periplasmic Chaperone Skp of <i>Escherichia coli</i> Forms 1:1 Complexes with Outer Membrane Proteins via Hydrophobic and Electrostatic Interactions. <i>Journal of Molecular Biology</i> , 2007, 374, 91-105.	4.2	101
26	Amphipathic Polymers: Tools To Fold Integral Membrane Proteins to Their Active Form. <i>Biochemistry</i> , 2006, 45, 13954-13961.	2.5	95
27	Membrane Elastic Fluctuations and the Insertion and Tilt of β -Barrel Proteins. <i>Biophysical Journal</i> , 2006, 91, 227-232.	0.5	44
28	Curvature Elasticity and Refolding of OmpA in Large Unilamellar Vesicles. <i>Biophysical Journal</i> , 2006, 91, L75-L77.	0.5	52
29	The Major Outer Membrane Protein of <i>Fusobacterium nucleatum</i> (FomA) Folds and Inserts into Lipid Bilayers via Parallel Folding Pathways. <i>Journal of Molecular Biology</i> , 2006, 355, 548-561.	4.2	67
30	Folding and Stability of Monomeric β -Barrel Membrane Proteins. , 2006, , 27-56.		3
31	Folding kinetics of the outer membrane proteins OmpA and FomA into phospholipid bilayers. <i>Chemistry and Physics of Lipids</i> , 2006, 141, 30-47.	3.2	78
32	Misfolding of a bacterial autotransporter. <i>Protein Science</i> , 2005, 14, 2814-2827.	7.6	26
33	Orientation of β -Barrel Proteins OmpA and FhuA in Lipid Membranes. Chain Length Dependence from Infrared Dichroism. <i>Biochemistry</i> , 2005, 44, 3515-3523.	2.5	46
34	Association of Spin-Labeled Lipids with β -Barrel Proteins from the Outer Membrane of <i>Escherichia coli</i> . <i>Biochemistry</i> , 2004, 43, 11630-11636.	2.5	28
35	Membrane Proteins ? Introduction. <i>Cellular and Molecular Life Sciences</i> , 2003, 60, 1527-1528.	5.4	8
36	Membrane protein folding on the example of outer membrane protein A of <i>Escherichia coli</i> . <i>Cellular and Molecular Life Sciences</i> , 2003, 60, 1547-1558.	5.4	72

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37	Folding and Insertion of the Outer Membrane Protein OmpA Is Assisted by the Chaperone Skp and by Lipopolysaccharide. <i>Journal of Biological Chemistry</i> , 2003, 278, 9092-9099.	3.4	144
38	Secondary and Tertiary Structure Formation of the β -Barrel Membrane Protein OmpA is Synchronized and Depends on Membrane Thickness. <i>Journal of Molecular Biology</i> , 2002, 324, 319-330.	4.2	159
39	Structural Transitions in Short-Chain Lipid Assemblies Studied by ^{31}P -NMR Spectroscopy. <i>Biophysical Journal</i> , 2002, 83, 994-1003.	0.5	69
40	Structure and Assembly of β -Barrel Membrane Proteins. <i>Journal of Biological Chemistry</i> , 2001, 276, 32399-32402.	3.4	122
41	Nonlinear Electron Paramagnetic Resonance Studies of the Interaction of Cytochrome c Oxidase with Spin-Labeled Lipids in Gel-Phase Membranes. <i>Biochemistry</i> , 2000, 39, 2355-2361.	2.5	6
42	Outer membrane protein A of <i>E. coli</i> folds into detergent micelles, but not in the presence of monomeric detergent. <i>Protein Science</i> , 1999, 8, 2065-2071.	7.6	130
43	Time-Resolved Distance Determination by Tryptophan Fluorescence Quenching: Probing Intermediates in Membrane Protein Folding. <i>Biochemistry</i> , 1999, 38, 4996-5005.	2.5	106
44	Outer Membrane Protein A of <i>Escherichia coli</i> Inserts and Folds into Lipid Bilayers by a Concerted Mechanism. <i>Biochemistry</i> , 1999, 38, 5006-5016.	2.5	139
45	Cytochrome c-Induced Increase of Motionally Restricted Lipid in Reconstituted Cytochrome c Oxidase Membranes, Revealed by Spin-Label ESR Spectroscopy. <i>Biochemistry</i> , 1998, 37, 11579-11585.	2.5	20
46	Interaction of Bee Venom Melittin with Zwitterionic and Negatively Charged Phospholipid Bilayers. <i>Biophysical Journal</i> , 1997, 72, 767-778.	0.5	75
47	Folding Intermediates of a β -Barrel Membrane Protein. Kinetic Evidence for a Multi-Step Membrane Insertion Mechanism. <i>Biochemistry</i> , 1996, 35, 12993-13000.	2.5	163
48	Assembly of Integral Membrane Proteins from the Periplasm into the Outer Membrane. , 0, , 30-66.		2