

# Jens Thostrup Bukrinsky

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

860  
citations

516215

16  
h-index

525886

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1282  
citing authors

#	ARTICLE	IF	CITATIONS
1	Binding mode of Thioflavin T in insulin amyloid fibrils. <i>Journal of Structural Biology</i> , 2007, 159, 483-497.	1.3	193
2	Interfacial adsorption of insulin. <i>European Journal of Pharmaceutical Sciences</i> , 2006, 27, 194-204.	1.9	77
3	Aggregate Formation during Hydrolysis of $\beta$ -Lactoglobulin with a Glu and Asp Specific Protease from <i>Bacillus licheniformis</i> . <i>Journal of Agricultural and Food Chemistry</i> , 1997, 45, 4889-4896.	2.4	62
4	Native Carboxypeptidase A in a New Crystal Environment Reveals a Different Conformation of the Important Tyrosine 248. <i>Biochemistry</i> , 1998, 37, 16555-16564.	1.2	59
5	Adsorption of human insulin and AspB28 insulin on a PTFE-like surface. <i>Journal of Colloid and Interface Science</i> , 2005, 286, 28-35.	5.0	49
6	Identification and analysis of 21 novel disease-causing amino acid substitutions in the conserved part of ATP7A. <i>Human Mutation</i> , 2005, 26, 84-93.	1.1	49
7	Displacement of Adsorbed Insulin by Tween 80 Monitored Using Total Internal Reflection Fluorescence and Ellipsometry. <i>Pharmaceutical Research</i> , 2005, 22, 1931-1941.	1.7	48
8	Oligomerization of a Glucagon-like Peptide 1 Analog: Bridging Experiment and Simulations. <i>Biophysical Journal</i> , 2015, 109, 1202-1213.	0.2	35
9	A putative proton binding site of plasma membrane H <sup>+</sup> -ATPase identified through homology modelling. <i>FEBS Letters</i> , 2001, 494, 6-10.	1.3	30
10	Influence of PEGylation with linear and branched PEG chains on the adsorption of glucagon to hydrophobic surfaces. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 77, 139-147.	2.0	30
11	Adsorption of insulin with varying self-association profiles to a solid Teflon surface—Influence on protein structure, fibrillation tendency and thermal stability. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 42, 509-516.	1.9	26
12	Self-Interaction of Human Serum Albumin: A Formulation Perspective. <i>ACS Omega</i> , 2018, 3, 16105-16117.	1.6	24
13	Protein repellent hydrophilic grafts prepared by surface-initiated atom transfer radical polymerization from polypropylene. <i>Polymer Chemistry</i> , 2012, 3, 198-203.	1.9	22
14	Influence of glycosylation on the adsorption of <i>Thermomyces lanuginosus</i> lipase to hydrophobic and hydrophilic surfaces. <i>European Journal of Pharmaceutical Sciences</i> , 2010, 40, 273-281.	1.9	19
15	Glucagon-like Peptide 1 Conjugated to Recombinant Human Serum Albumin Variants with Modified Neonatal Fc Receptor Binding Properties. Impact on Molecular Structure and Half-Life. <i>Biochemistry</i> , 2017, 56, 4860-4870.	1.2	18
16	Complex of sialoadhesin with a glycopeptide ligand. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2004, 1702, 173-179.	1.1	16
17	Influence of Acylation on the Adsorption of Insulin to Hydrophobic Surfaces. <i>Pharmaceutical Research</i> , 2011, 28, 1031-1040.	1.7	16
18	Influence of acylation on the adsorption of GLP-2 to hydrophobic surfaces. <i>International Journal of Pharmaceutics</i> , 2013, 440, 63-71.	2.6	14

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19	Three high-resolution crystal structures of cadmium-substituted carboxypeptidase A provide insight into the enzymatic function. <i>Journal of Biological Inorganic Chemistry</i> , 2002, 7, 490-499.	1.1	11
20	Extensive Small-Angle X-ray Scattering Studies of Blood Coagulation Factor VIIa Reveal Interdomain Flexibility. <i>Biochemistry</i> , 2010, 49, 9739-9745.	1.2	11
21	The Stability of Insulin in Solid Formulations Containing Melezitose and Starch. Effects of Processing and Excipients. <i>Drug Development and Industrial Pharmacy</i> , 2006, 32, 765-778.	0.9	10
22	Solution structures of long-acting insulin analogues and their complexes with albumin. <i>Acta Crystallographica Section D: Structural Biology</i> , 2019, 75, 272-282.	1.1	10
23	Effects of the nuclear transformation $^{111}\text{Ag(I)}$ to $^{111}\text{Cd(II)}$ in a single crystal of $\text{Ag}[\text{im}(\text{imidazole})_2\text{NO}_3$ . <i>Physical Review B</i> , 1999, 59, 14182-14190.	1.1	9
24	pH, conductivity and long-term stability in the Crystal Screen solutions. <i>Journal of Applied Crystallography</i> , 2001, 34, 533-534.	1.9	8
25	Investigations of Albumin-Insulin Detemir Complexes Using Molecular Dynamics Simulations and Free Energy Calculations. <i>Molecular Pharmaceutics</i> , 2020, 17, 132-144.	2.3	8
26	Screening of formulation parameters for stabilizing recombinant human serum albumin (rHSA) in liquid formulations. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 34, 1-9.	1.4	3
27	Concentrated protein solutions investigated using acoustic levitation and small-angle X-ray scattering. <i>Journal of Synchrotron Radiation</i> , 2020, 27, 396-404.	1.0	3