Alexander Tischer

List of Publications by Citations

41 papers	588 citations	12 h-index	23 g-index
44 ext. papers	755 ext. citations	5.1 avg, IF	3.66 L-index

#	Paper	IF	Citations
41	The prognostic advantage of calreticulin mutations in myelofibrosis might be confined to type 1 or type 1-like CALR variants. *Blood*, **2014**, 124, 2465-6	2.2	105
40	Ionic liquids as refolding additives: variation of the anion. *Journal of Biotechnology*, **2010**, 150, 64-72	3.7	82
39	Ascorbic acid-induced TET activation mitigates adverse hydroxymethylcytosine loss in renal cell carcinoma. *Journal of Clinical Investigation*, **2019**, 129, 1612-1625	15.9	47
38	Kinetic control in protein folding for light chain amyloidosis and the differential effects of somatic mutations. *Journal of Molecular Biology*, **2014**, 426, 347-61	6.5	41
37	L-arginine hydrochloride increases the solubility of folded and unfolded recombinant plasminogen activator rPA. *Protein Science*, **2010**, 19, 1783-95	6.3	39
36	Thermodynamic and fibril formation studies of full length immunoglobulin light chain AL-09 and its germline protein using scan rate dependent thermal unfolding. *Biophysical Chemistry*, **2015**, 207, 13-20	3.5	34
35	Misfolding of vWF to pathologically disordered conformations impacts the severity of von Willebrand disease. *Biophysical Journal*, **2014**, 107, 1185-1195	2.9	27
34	The linker between the D3 and A1 domains of vWF suppresses A1-GPIb catch bonds by site-specific binding to the A1 domain. *Protein Science*, **2013**, 22, 1049-59	6.3	26
33	Mutational Constraints on Local Unfolding Inhibit the Rheological Adaptation of von Willebrand Factor. *Journal of Biological Chemistry*, **2016**, 291, 3848-59	5.4	18
32	A molten globule intermediate of the von Willebrand factor A1 domain firmly tethers platelets under shear flow. *Proteins: Structure, Function and Bioinformatics*, **2014**, 82, 867-78	4.2	16
31	The von Willebrand factor Tyr2561 allele is a gain-of-function variant and a risk factor for early myocardial infarction. *Blood*, **2019**, 133, 356-365	2.2	15
30	Urea-temperature phase diagrams capture the thermodynamics of denatured state expansion that accompany protein unfolding. *Protein Science*, **2013**, 22, 1147-60	6.3	13
29	Alanine and proline content modulate global sensitivity to discrete perturbations in disordered proteins. *Proteins: Structure, Function and Bioinformatics*, **2014**, 82, 3373-84	4.2	12
28	A Novel Kleefstra Syndrome-associated Variant That Affects the Conserved TPL Motif within the Ankyrin Repeat of EHMT1 Leads to Abnormal Protein Folding. *Journal of Biological Chemistry*, **2017**, 292, 3866-3876	5.4	11
27	Enhanced Local Disorder in a Clinically Elusive von Willebrand Factor Provokes High-Affinity Platelet Clumping. *Journal of Molecular Biology*, **2017**, 429, 2161-2177	6.5	11
26	Mayo CALR mutation type classification guide using alpha helix propensity. *American Journal of Hematology*, **2018**, 93, E128-E129	7.1	11
25	Structural origins of misfolding propensity in the platelet adhesive von Willebrand factor A1 domain. *Biophysical Journal*, **2015**, 109, 398-406	2.9	10

24	The effects of N-ethyl-N'-methyl imidazolium chloride on the solubility, stability and aggregation of tc-rPA. *FEBS Journal*, **2014**, 281, 1738-49	5.7	7
23	The Von Willebrand Factor A1-Collagen III Interaction Is Independent of Conformation and Type 2 Von Willebrand Disease Phenotype. *Journal of Molecular Biology*, **2017**, 429, 32-47	6.5	7
22	Glycosylation sterically inhibits platelet adhesion to von Willebrand factor without altering intrinsic conformational dynamics. *Journal of Thrombosis and Haemostasis*, **2020**, 18, 79-90	15.4	6
21	Data on the purification and crystallization of the loss-of-function von Willebrand disease variant (p.Gly1324Ser) of the von Willebrand factor A1 domain. *Data in Brief*, **2016**, 7, 1700-1706	1.2	6
20	Modulating the rate of fibrin formation and clot structure attenuates microvascular thrombosis in systemic inflammation. *Blood Advances*, **2020**, 4, 1340-1349	7.8	6
19	The Chaperonin GroEL: A Versatile Tool for Applied Biotechnology Platforms. *Frontiers in Molecular Biosciences*, **2018**, 5, 46	5.6	6
18	Sequence Reversal Prevents Chain Collapse and Yields Heat-Sensitive Intrinsic Disorder. *Biophysical Journal*, **2018**, 115, 328-340	2.9	5
17	Chaperonin-Based Biolayer Interferometry To Assess the Kinetic Stability of Metastable, Aggregation-Prone Proteins. *Biochemistry*, **2016**, 55, 4885-908	3.2	5
16	MeV-Stealth: A CD46-specific oncolytic measles virus resistant to neutralization by measles-immune human serum. *PLoS Pathogens*, **2021**, 17, e1009283	7.6	5
15	Evidence for the Misfolding of the A1 Domain within Multimeric von Willebrand Factor in Type 2 von Willebrand Disease. *Journal of Molecular Biology*, **2020**, 432, 305-323	6.5	4
14	Measuring Lipid Transfer Protein Activity Using Bicelle-Dilution Model Membranes. *Analytical Chemistry*, **2020**, 92, 3417-3425	7.8	3
13	Arabinose Alters Both Local and Distal H-D Exchange Rates in the Escherichia coli AraC Transcriptional Regulator. *Biochemistry*, **2019**, 58, 2875-2882	3.2	2
12	"Cooperative collapse" of the denatured state revealed through Clausius-Clapeyron analysis of protein denaturation phase diagrams. *Biopolymers*, **2018**, 109, e23106	2.2	2
11	Functional succinate dehydrogenase deficiency and loss of ascorbic acid transporter SLC23A1 are pathognomonic adverse features of clear cell renal cancer		2
10	Accessibilities of N-terminal myristoyl chain and cysteines in guanylyl cyclase-activating protein-2 (GCAP-2) studied by covalent labeling and mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2014**, 28, 835-8	2.2	1
9	Oxidative refolding of rPA in l-ArgHCl and in ionic liquids: A correlation between hydrophobicity, salt effects, and refolding yield. *Biopolymers*, **2014**, 101, 1129-40	2.2	1
8	The Von Willebrand Factor Tyr2561 Allele Is a Gain-of-Function Variant and a Potential Risk Factor for Early Myocardial Infarction. *Blood*, **2018**, 132, 2459-2459	2.2	1
7	Functional succinate dehydrogenase deficiency is a common adverse feature of clear cell renal cancer. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	1

6	Platelet-type von Willebrand disease: Local disorder of the platelet GPIbβ switch drives high-affinity binding to von Willebrand factor. *Journal of Thrombosis and Haemostasis*, **2019**, 17, 2022-2034	15.4	0
5	Quantification of von Willebrand factor and ADAMTS-13 after traumatic injury: a pilot study. *Trauma Surgery and Acute Care Open*, **2021**, 6, e000703	2.4	0
4	Functional Interrogation of Variants of Undetermined Significance of the Isocitrate Dehydrogenase 1 and 2 Genes in Myeloid Neoplasms. *Blood*, **2019**, 134, 1697-1697	2.2	
3	Misfolding Induced By the Mutations V1314D and F1369I Affects the Function and the Structure of the Von Willebrand A1-Domain. *Blood*, **2014**, 124, 1521-1521	2.2	
2	The Prognostic Advantage of Calreticulin Mutations in Myelofibrosis Might be Confined to Type 1 or Type 1-like Calreticulin Variants. *Blood*, **2014**, 124, 3166-3166	2.2	
1	Functional evaluation of isocitrate dehydrogenase 1 and 2 variants of unclear significance in chronic myeloid neoplasms. *Leukemia Research*, **2019**, 87, 106264	2.7	