Melissa Ann Graewert

List of Publications by Year
in descending order

24 papers	1,386 citations	687363 13 h-index	839539 18 g-index
26 all docs	26 docs citations	26 times ranked	2621 citing authors

#	Article	IF	Citations
1	<scp>EFAMIX</scp>, a tool to decompose inline chromatography <scp>SAXS</scp> data from partially overlapping components. Protein Science, 2022, 31, 269-282.	7.6	16
2	The allosteric modulation of complement C5 by knob domain peptides. ELife, 2021, 10, .	6.0	21
3	Molecular basis of F-actin regulation and sarcomere assembly via myotilin. PLoS Biology, 2021, 19, e3001148.	5.6	9
4	The USR domain of USF1 mediates NF-Y interactions and cooperative DNA binding. International Journal of Biological Macromolecules, 2021, 193, 401-413.	7.5	0
5	Molecular mechanism of leukocidin GHâ€“integrin CD11b/CD18 recognition and species specificity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 317-327.	7.1	17
6	Selection, biophysical and structural analysis of synthetic nanobodies that effectively neutralize SARS-CoV-2. Nature Communications, 2020, 11, 5588.	12.8	132
7	Structures of three MORN repeat proteins and a re-evaluation of the proposed lipid-binding properties of MORN repeats. PLoS ONE, 2020, 15, e0242677.	2.5	18
8	Title is missing!. , 2020, 15, e0242677.		0
9	Title is missing!. , 2020, 15, e0242677.		0
10	Title is missing!. , 2020, 15, e0242677.		0
11	Title is missing!. , 2020, 15, e0242677.		0
12	Title is missing!. , 2020, 15, e0242677.		0
13	The quaternary structure of insulin glargine and glulisine under formulation conditions. Biophysical Chemistry, 2019, 253, 106226.	2.8	9
14	Conformational characterization of full-length X-chromosome-linked inhibitor of apoptosis protein (XIAP) through an integrated approach. IUCrJ, 2019, 6, 948-957.	2.2	5
15	Sample and Buffer Preparation for SAXS. Advances in Experimental Medicine and Biology, 2017, 1009, 11-30.	1.6	13
16	Characterization of mAb dimers reveals predominant dimer forms common in therapeutic mAbs. MAbs, 2016, 8, 928-940.	5.2	42
17	Preparing monodisperse macromolecular samples for successful biological small-angle X-ray and neutron-scattering experiments. Nature Protocols, 2016, 11, 2122-2153.	12.0	142
18	Structural characterization of a Vatairea macrocarpa lectin in complex with a tumor-associated antigen: A new tool for cancer research. International Journal of Biochemistry and Cell Biology, 2016, 72, 27-39.	2.8	12

#	Article	IF	Citations
19	LabDisk for SAXS: a centrifugal microfluidic sample preparation platform for small-angle X-ray scattering. Lab on A Chip, 2016, 16, 1161-1170.	6.0	44
20	Limiting radiation damage for high-brilliance biological solution scattering: practical experience at the EMBL P12 beamline PETRAIII. Journal of Synchrotron Radiation, 2015, 22, 273-279.	2.4	112
21	Automated Pipeline for Purification, Biophysical and X-Ray Analysis of Biomacromolecular Solutions. Scientific Reports, 2015, 5, 10734.	3.3	99
22	Versatile sample environments and automation for biological solution X-ray scattering experiments at the P12 beamline (PETRA III, DESY). Journal of Applied Crystallography, 2015, 48, 431-443.	4.5	508
23	Structural Basis for Antigen Recognition by Transglutaminase 2-specific Autoantibodies in Celiac Disease. Journal of Biological Chemistry, 2015, 290, 21365-21375.	3.4	27
24	Impact and progress in small and wide angle X-ray scattering (SAXS and WAXS). Current Opinion in Structural Biology, 2013, 23, 748-754.	5.7	160