

# Melissa Ann Graewert

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1219767/publications.pdf>

Version: 2024-02-01

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	Versatile sample environments and automation for biological solution X-ray scattering experiments at the P12 beamline (PETRA III, DESY). <i>Journal of Applied Crystallography</i> , 2015, 48, 431-443.	4.5	508
2	Impact and progress in small and wide angle X-ray scattering (SAXS and WAXS). <i>Current Opinion in Structural Biology</i> , 2013, 23, 748-754.	5.7	160
3	Preparing monodisperse macromolecular samples for successful biological small-angle X-ray and neutron-scattering experiments. <i>Nature Protocols</i> , 2016, 11, 2122-2153.	12.0	142
4	Selection, biophysical and structural analysis of synthetic nanobodies that effectively neutralize SARS-CoV-2. <i>Nature Communications</i> , 2020, 11, 5588.	12.8	132
5	Limiting radiation damage for high-brilliance biological solution scattering: practical experience at the EMBL P12 beamline PETRAIII. <i>Journal of Synchrotron Radiation</i> , 2015, 22, 273-279.	2.4	112
6	Automated Pipeline for Purification, Biophysical and X-Ray Analysis of Biomacromolecular Solutions. <i>Scientific Reports</i> , 2015, 5, 10734.	3.3	99
7	LabDisk for SAXS: a centrifugal microfluidic sample preparation platform for small-angle X-ray scattering. <i>Lab on A Chip</i> , 2016, 16, 1161-1170.	6.0	44
8	Characterization of mAb dimers reveals predominant dimer forms common in therapeutic mAbs. <i>MAbs</i> , 2016, 8, 928-940.	5.2	42
9	Structural Basis for Antigen Recognition by Transglutaminase 2-specific Autoantibodies in Celiac Disease. <i>Journal of Biological Chemistry</i> , 2015, 290, 21365-21375.	3.4	27
10	The allosteric modulation of complement C5 by knob domain peptides. <i>ELife</i> , 2021, 10, .	6.0	21
11	Structures of three MORN repeat proteins and a re-evaluation of the proposed lipid-binding properties of MORN repeats. <i>PLoS ONE</i> , 2020, 15, e0242677.	2.5	18
12	Molecular mechanism of leukocidin GH $\alpha$ integrin CD11b/CD18 recognition and species specificity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 317-327.	7.1	17
13	<sc>EFAMIX</sc>, a tool to decompose inline chromatography <sc>SAXS</sc> data from partially overlapping components. <i>Protein Science</i> , 2022, 31, 269-282.	7.6	16
14	Sample and Buffer Preparation for SAXS. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1009, 11-30.	1.6	13
15	Structural characterization of a <i>Vatairea macrocarpa</i> lectin in complex with a tumor-associated antigen: A new tool for cancer research. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 72, 27-39.	2.8	12
16	The quaternary structure of insulin glargine and glulisine under formulation conditions. <i>Biophysical Chemistry</i> , 2019, 253, 106226.	2.8	9
17	Molecular basis of F-actin regulation and sarcomere assembly via myotilin. <i>PLoS Biology</i> , 2021, 19, e3001148.	5.6	9
18	Conformational characterization of full-length X-chromosome-linked inhibitor of apoptosis protein (XIAP) through an integrated approach. <i>IUCr</i> , 2019, 6, 948-957.	2.2	5

#	ARTICLE	IF	CITATIONS
19	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
20	Title is missing!. , 2020, 15, e0242677.		0
21	Title is missing!. , 2020, 15, e0242677.		0
22	Title is missing!. , 2020, 15, e0242677.		0
23	Title is missing!. , 2020, 15, e0242677.		0
24	Title is missing!. , 2020, 15, e0242677.		0