

Doryen Bubeck

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1553057/publications.pdf>

Version: 2024-02-01

27
papers

2,105
citations

361413

20
h-index

552781

26
g-index

42
all docs

42
docs citations

42
times ranked

3081
citing authors

#	ARTICLE	IF	CITATIONS
1	Capturing pore-forming intermediates of MACPF and binary toxin assemblies by cryoEM. <i>Current Opinion in Structural Biology</i> , 2022, 75, 102401.	5.7	1
2	Structural basis of soluble membrane attack complex packaging for clearance. <i>Nature Communications</i> , 2021, 12, 6086.	12.8	18
3	How Structures of Complement Complexes Guide Therapeutic Design. <i>Sub-Cellular Biochemistry</i> , 2021, 96, 273-295.	2.4	0
4	Structural basis for tuning activity and membrane specificity of bacterial cytolysins. <i>Nature Communications</i> , 2020, 11, 5818.	12.8	13
5	Soluble Membrane Attack Complex: Biochemistry and Immunobiology. <i>Frontiers in Immunology</i> , 2020, 11, 585108.	4.8	34
6	Structural basis of light-induced redox regulation in the Calvin-Benson cycle in cyanobacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20984-20990.	7.1	71
7	Single-molecule kinetics of pore assembly by the membrane attack complex. <i>Nature Communications</i> , 2019, 10, 2066.	12.8	74
8	CryoEM reveals how the complement membrane attack complex ruptures lipid bilayers. <i>Nature Communications</i> , 2018, 9, 5316.	12.8	83
9	Advances in cryoEM and its impact on β -pore forming proteins. <i>Current Opinion in Structural Biology</i> , 2018, 52, 41-49.	5.7	17
10	The mystery behind membrane insertion: a review of the complement membrane attack complex. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160221.	4.0	132
11	Molecular cell biology of complement membrane attack. <i>Seminars in Cell and Developmental Biology</i> , 2017, 72, 124-132.	5.0	85
12	Disentangling the roles of cholesterol and CD59 in intermedilysin pore formation. <i>Scientific Reports</i> , 2016, 6, 38446.	3.3	20
13	Electrostatically-guided inhibition of Curli amyloid nucleation by the CsgC-like family of chaperones. <i>Scientific Reports</i> , 2016, 6, 24656.	3.3	51
14	Structural basis of complement membrane attack complex formation. <i>Nature Communications</i> , 2016, 7, 10587.	12.8	213
15	Terminal complexes of the complement system: new structural insights and their relevance to function. <i>Immunological Reviews</i> , 2016, 274, 141-151.	6.0	57
16	Defective removal of ribonucleotides from DNA promotes systemic autoimmunity. <i>Journal of Clinical Investigation</i> , 2015, 125, 413-424.	8.2	190
17	Unraveling Structural Polymorphism of Amyloid Fibers. <i>Structure</i> , 2015, 23, 10-11.	3.3	2
18	The Making of a Macromolecular Machine: Assembly of the Membrane Attack Complex. <i>Biochemistry</i> , 2014, 53, 1908-1915.	2.5	58

#	ARTICLE	IF	CITATIONS
19	Structural Basis for Recognition of the Pore-Forming Toxin Intermedilysin by Human Complement Receptor CD59. <i>Cell Reports</i> , 2013, 3, 1369-1377.	6.4	60
20	Assembly and Regulation of the Membrane Attack Complex Based on Structures of C5b6 and sC5b9. <i>Cell Reports</i> , 2012, 1, 200-207.	6.4	161
21	Structural and Functional Studies of LRP6 Ectodomain Reveal a Platform for Wnt Signaling. <i>Developmental Cell</i> , 2011, 21, 848-861.	7.0	109
22	PCNA directs type 2 RNase H activity on DNA replication and repair substrates. <i>Nucleic Acids Research</i> , 2011, 39, 3652-3666.	14.5	112
23	The Structure of the Human RNase H2 Complex Defines Key Interaction Interfaces Relevant to Enzyme Function and Human Disease. <i>Journal of Biological Chemistry</i> , 2011, 286, 10530-10539.	3.4	94
24	Structure of the Bacteriophage ϕ 6 Nucleocapsid Suggests a Mechanism for Sequential RNA Packaging. <i>Structure</i> , 2006, 14, 1039-1048.	3.3	108
25	Characterization of Early Steps in the Poliovirus Infection Process: Receptor-Decorated Liposomes Induce Conversion of the Virus to Membrane-Anchored Entry-Intermediate Particles. <i>Journal of Virology</i> , 2006, 80, 172-180.	3.4	94
26	Cryo-electron microscopy reconstruction of a poliovirus-receptor-membrane complex. <i>Nature Structural and Molecular Biology</i> , 2005, 12, 615-618.	8.2	84
27	The Structure of the Poliovirus 135S Cell Entry Intermediate at 10-Angstrom Resolution Reveals the Location of an Externalized Polypeptide That Binds to Membranes. <i>Journal of Virology</i> , 2005, 79, 7745-7755.	3.4	160