Terje Dokland

List of Publications by Year
in descending order

68 papers	3,165 citations	218677 26 h-index	161849 54 g-index
71 all docs	71 docs citations	71 times ranked	3702 citing authors

#	Article	IF	Citations
1	Pore-forming Esx proteins mediate toxin secretion by Mycobacterium tuberculosis. Nature Communications, 2021, 12, 394.	12.8	21
2	Consequences of Phosphorylation in a Mononegavirales Polymerase-Cofactor System. Journal of Virology, 2021, 95, .	3.4	3
3	Structure of the capsid size-determining scaffold of "satellite" bacteriophage P4. Microscopy and Microanalysis, 2021, 27, 1128-1129.	0.4	0
4	Shape shifter: redirection of prolate phage capsid assembly by staphylococcal pathogenicity islands. Nature Communications, 2021, 12, 6408.	12.8	12
5	Structure of the Capsid Size-Determining Scaffold of â€œSatelliteâ€•Bacteriophage P4. Viruses, 2020, 12, 953.	3.3	15
6	Structure of the host cell recognition and penetration machinery of a Staphylococcus aureus bacteriophage. PLoS Pathogens, 2020, 16, e1008314.	4.7	55
7	The gp44 Ejection Protein of Staphylococcus aureus Bacteriophage 80Î± Binds to the Ends of the Genome and Protects It from Degradation. Viruses, 2020, 12, 563.	3.3	7
8	The Host Cell Recognition and Penetration Apparatus of Staphylococcal Bacteriophages. Microscopy and Microanalysis, 2020, 26, 2000-2001.	0.4	0
9	Molecular Piracy: Redirection of Bacteriophage Capsid Assembly by Mobile Genetic Elements. Viruses, 2019, 11, 1003.	3.3	24
10	A novel ejection protein from bacteriophage 80Î± that promotes lytic growth. Virology, 2018, 525, 237-247.	2.4	8
11	Exosomal transfer of mitochondria from airway myeloid-derived regulatory cells to T cells. Redox Biology, 2018, 18, 54-64.	9.0	130
12	Derepression of SaPIbov1 Is Independent of Ï†NM1 Type 2 dUTPase Activity and Is Inhibited by dUTP and dUMP. Journal of Molecular Biology, 2017, 429, 1570-1580.	4.2	5
13	Staphylococcus aureus Pathogenicity Islands: Hijackers on the Bacteriophage Assembly Pathway.. Microscopy and Microanalysis, 2017, 23, 1230-1231.	0.4	0
14	Structure and Function of the Staphylococcus aureus Bacteriophage 80Î± Baseplate. Microscopy and Microanalysis, 2017, 23, 1262-1263.	0.4	0
15	Ï•X174 Procapsid Assembly: Effects of an Inhibitory External Scaffolding Protein and Resistant Coat Proteins In Vitro. Journal of Virology, 2017, 91, .	3.4	3
16	Cleavage and Structural Transitions during Maturation of Staphylococcus aureus Bacteriophage 80Î± and SaPI1 Capsids. Viruses, 2017, 9, 384.	3.3	13
17	Competing scaffolding proteins determine capsid size during mobilization of Staphylococcus aureus pathogenicity islands. ELife, 2017, 6, .	6.0	47
18	Phosphate induces formation of matrix vesicles during odontoblast-initiated mineralization in vitro. Matrix Biology, 2016, 52-54, 284-300.	3.6	52

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19	Convergent evolution of pathogenicity islands in helper cos phage interference. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150505.	4.0	29
20	The Type 2 dUTPase of Bacteriophage Ï•NM1 Initiates Mobilization of Staphylococcus aureus Bovine Pathogenicity Island 1. Journal of Molecular Biology, 2016, 428, 142-152.	4.2	18
21	Structure and Assembly of the Bacillus anthracis Exosporium. Microscopy and Microanalysis, 2015, 21, 897-898.	0.4	1
22	Specific <scp>N</scp>â€terminal cleavage of ribosomal protein <scp>L</scp>27 in <scp>S</scp>taphylococcus aureus and related bacteria. Molecular Microbiology, 2015, 95, 258-269.	2.5	20
23	Structural studies on the authentic mumps virus nucleocapsid showing uncoiling by the phosphoprotein. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15208-15213.	7.1	54
24	Cryo-EM analysis of the organization of BclA and BxpB in the Bacillus anthracis exosporium. Journal of Structural Biology, 2014, 186, 181-187.	2.8	22
25	Grape Exosome-like Nanoparticles Induce Intestinal Stem Cells and Protect Mice From DSS-Induced Colitis. Molecular Therapy, 2013, 21, 1345-1357.	8.2	495
26	Direct Observation of Membrane Insertion by Enveloped Virus Matrix Proteins by Phosphate Displacement. PLoS ONE, 2013, 8, e57916.	2.5	5
27	gpO Peptidase (Enterobacteria phage P2). , 2013, , 3557-3560.		1
28	Mobilization of pathogenicity islands by Staphylococcus aureus strain Newman bacteriophages. Bacteriophage, 2012, 2, 70-78.	1.9	24
29	Assembly of bacteriophage 80Î± capsids in a Staphylococcus aureus expression system. Virology, 2012, 434, 242-250.	2.4	24
30	Pirates of the Caudovirales. Virology, 2012, 434, 210-221.	2.4	103
31	The roles of SaPI1 proteins gp7 (CpmA) and gp6 (CpmB) in capsid size determination and helper phage interference. Virology, 2012, 432, 277-282.	2.4	49
32	Structure and size determination of bacteriophage P2 and P4 procapsids: Function of size responsiveness mutations. Journal of Structural Biology, 2012, 178, 215-224.	2.8	26
33	Bacteriophage Proteinâ€“Protein Interactions. Advances in Virus Research, 2012, 83, 219-298.	2.1	61
34	A Conformational Switch Involved in Maturation of Staphylococcus aureus Bacteriophage 80Î± Capsids. Journal of Molecular Biology, 2011, 405, 863-876.	4.2	31
35	The Staphylococcus aureus Pathogenicity Island 1 Protein gp6 Functions as an Internal Scaffold during Capsid Size Determination. Journal of Molecular Biology, 2011, 412, 710-722.	4.2	23
36	Assembly of bacteriophage P2 capsids from capsid protein fused to internal scaffolding protein. Virus Genes, 2010, 40, 298-306.	1.6	3

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37	The structural biology of PRRSV. Virus Research, 2010, 154, 86-97.	2.2	241
38	Functional domains of the bacteriophage P2 scaffolding protein: Identification of residues involved in assembly and protease activity. Virology, 2009, 384, 144-150.	2.4	28
39	Structural heterogeneity and protein composition of exosomeâ€like vesicles (prostasomes) in human semen. Prostate, 2009, 69, 159-167.	2.3	271
40	Cryo-electron tomography of porcine reproductive and respiratory syndrome virus: organization of the nucleocapsid. Journal of General Virology, 2009, 90, 527-535.	2.9	68
41	Incorporation of scaffolding protein gpO in bacteriophages P2 and P4. Virology, 2008, 370, 352-361.	2.4	22
42	Capsid Size Determination by Staphylococcus aureus Pathogenicity Island SaPI1 Involves Specific Incorporation of SaPI1 Proteins into Procapsids. Journal of Molecular Biology, 2008, 380, 465-475.	4.2	50
43	The gpQ portal protein of bacteriophage P2 forms dodecameric connectors in crystals. Journal of Structural Biology, 2007, 157, 432-436.	2.8	18
44	Structure of the equine arteritis virus nucleocapsid protein reveals a dimerâ€“dimer arrangement. Acta Crystallographica Section D: Biological Crystallography, 2007, 63, 581-586.	2.5	7
45	Assembly of bacteriophage P2 and P4 procapsids with internal scaffolding protein. Virology, 2006, 348, 133-140.	2.4	30
46	Transmission Electron Microscopy of Biological Specimens. Manuals in Biomedical Research, 2006, , 153-211.	0.0	4
47	Bio-scaffolds for ordered nanostructures and metallodielectric nanoparticles. , 2005, , .		2
48	West Nile Virus Core Protein. Structure, 2004, 12, 1157-1163.	3.3	159
49	Structure, crystal packing and molecular dynamics of the calponin-homology domain ofSchizosaccharomyces pombeRng2. Acta Crystallographica Section D: Biological Crystallography, 2004, 60, 1396-1403.	2.5	12
50	Structure of the Nucleocapsid Protein of Porcine Reproductive and Respiratory Syndrome Virus. Structure, 2003, 11, 1445-1451.	3.3	68
51	Cleavage leads to expansion of bacteriophage P4 procapsids in vitro. Virology, 2003, 314, 1-8.	2.4	8
52	Purification, crystallization and X-ray analysis of Hibiscus chlorotic ringspot virus. Acta Crystallographica Section D: Biological Crystallography, 2003, 59, 1481-1483.	2.5	8
53	Cloning, expression, purification, crystallization and preliminary X-ray diffraction analysis of the structural domain of the nucleocapsid N protein from porcine reproductive and respiratory syndrome virus (PRRSV). Acta Crystallographica Section D: Biological Crystallography, 2003, 59, 1504-1506.	2.5	7
54	Expression, purification, crystallization and preliminary crystallographic analysis of the calponin-homology domain of Rng2. Acta Crystallographica Section D: Biological Crystallography, 2003, 59, 1809-1812.	2.5	3

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55	Three-dimensional reconstruction of hibiscus chlorotic ringspot virus. Journal of Structural Biology, 2003, 144, 253-261.	2.8	23
56	The Structure of P4 Procapsids Produced by Coexpression of Capsid and External Scaffolding Proteins. Virology, 2002, 298, 224-231.	2.4	22
57	Freedom and restraint: themes in virus capsid assembly. Structure, 2000, 8, R157-R162.	3.3	59
58	In Vitro Assembly of Bacteriophage P4 Procapsids from Purified Capsid and Scaffolding Proteins. Virology, 2000, 275, 133-144.	2.4	27
59	The role of scaffolding proteins in the assembly of the small, single-stranded DNA virus Ï†X174 1 1Edited by I. A. Wilson. Journal of Molecular Biology, 1999, 288, 595-608.	4.2	82
60	Structure of a viral procapsid with molecular scaffolding. Nature, 1997, 389, 308-313.	27.8	152
61	DNA packaging intermediates of bacteriophage Ï†X174. Structure, 1995, 3, 353-363.	3.3	57
62	The Capsid Size-determining Protein Sid Forms an External Scaffold on Phage P4 Procapsids. Journal of Molecular Biology, 1995, 251, 59-75.	4.2	68
63	Bacteriophage P2 and P4 Assembly: Alternative Scaffolding Proteins Regulate Capsid Size. Virology, 1994, 200, 702-714.	2.4	29
64	Bacteriophage P2 and P4 Morphogenesis: Assembly Precedes Proteolytic Processing of the Capsid Proteins. Virology, 1994, 205, 51-65.	2.4	18
65	Characterization of the Capsid Associating Activity of Bacteriophage P4's Psu Protein. Virology, 1993, 194, 674-681.	2.4	17
66	Capsid Localization of the Bacteriophage P4 Psu Protein. Virology, 1993, 194, 682-687.	2.4	31
67	Structural Transitions During Maturation of Bacteriophage Lambda Capsids. Journal of Molecular Biology, 1993, 233, 682-694.	4.2	166
68	Three-dimensional structure of the surface layer of Wolinella recta. Oral Microbiology and Immunology, 1990, 5, 162-165.	2.8	14