Tessa E F Quax

List of Publications by Year
in descending order

36	1,552	471061 17	377514 34
papers	citations	h-index	g-index

42	42	42	1798
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Codon Bias as a Means to Fine-Tune Gene Expression. Molecular Cell, 2015, 59, 149-161.	4.5	554
2	A unique virus release mechanism in the Archaea. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 11306-11311.	3.3	126
3	Massive Activation of Archaeal Defense Genes during Viral Infection. Journal of Virology, 2013, 87, 8419-8428.	1.5	84
4	First Insights into the Entry Process of Hyperthermophilic Archaeal Viruses. Journal of Virology, 2013, 87, 13379-13385.	1.5	66
5	Differential Translation Tunes Uneven Production of Operon-Encoded Proteins. Cell Reports, 2013, 4, 938-944.	2.9	64
6	Versatile cell surface structures of archaea. Molecular Microbiology, 2018, 107, 298-311.	1.2	50
7	Simple and elegant design of a virion egress structure in Archaea. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3354-3359.	3.3	49
8	Self-assembly of the general membrane-remodeling protein PVAP into sevenfold virus-associated pyramids. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3829-3834.	3.3	45
9	The Sulfolobus rod-shaped virus 2 encodes a prominent structural component of the unique virion release system in Archaea. Virology, 2010, 404, 1-4.	1.1	44
10	Structure and function of the archaeal response regulator CheY. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1259-E1268.	3.3	43
11	Positioning of the Motility Machinery in Halophilic Archaea. MBio, 2019, 10, .	1.8	42
12	Improving heterologous membrane protein production in Escherichia coli by combining transcriptional tuning and codon usage algorithms. PLoS ONE, 2017, 12, e0184355.	1.1	37
13	Architecture and modular assembly of Sulfolobus S-layers revealed by electron cryotomography. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25278-25286.	3.3	33
14	Cyclic nucleotides in archaea: Cyclic diâ€AMP in the archaeon Haloferax volcanii and its putative role. MicrobiologyOpen, 2019, 8, e00829.	1.2	32
15	Exceptional virion release mechanism: one more surprise from archaeal viruses. Current Opinion in Microbiology, 2011, 14, 315-320.	2.3	26
16	The biology of thermoacidophilic archaea from the order Sulfolobales. FEMS Microbiology Reviews, 2021, 45, .	3.9	24
17	Archaeal viruses at the cell envelope: entry and egress. Frontiers in Microbiology, 2015, 6, 552.	1.5	23
18	Insights into a Viral Lytic Pathway from an Archaeal Virus-Host System. Journal of Virology, 2013, 87, 2186-2192.	1.5	20

#	Article	IF	Citations
19	Insights into synthesis and function of KsgA/Dim1-dependent rRNA modifications in archaea. Nucleic Acids Research, 2021, 49, 1662-1687.	6.5	20
20	Taxis in archaea. Emerging Topics in Life Sciences, 2018, 2, 535-546.	1.1	19
21	An Oscillating MinD Protein Determines the Cellular Positioning of the Motility Machinery in Archaea. Current Biology, 2020, 30, 4956-4972.e4.	1.8	19
22	The switch complex ArlCDE connects the chemotaxis system and the archaellum. Molecular Microbiology, 2020, 114, 468-479.	1.2	19
23	Unique genome replication mechanism of the archaeal virus <scp>AFV</scp>1. Molecular Microbiology, 2014, 92, 1313-1325.	1.2	16
24	Saltâ€dependent regulation of archaellins in Haloarcula marismortui. MicrobiologyOpen, 2019, 8, e00718.	1.2	16
25	Viral Hijack of Filamentous Surface Structures in Archaea and Bacteria. Viruses, 2021, 13, 164.	1.5	15
26	DNA-Interacting Characteristics of the Archaeal Rudiviral Protein SIRV2_Gp1. Viruses, 2017, 9, 190.	1.5	10
27	Interaction of two strongly divergent archaellins stabilizes the structure of the Halorubrum archaellum. MicrobiologyOpen, 2020, 9, e1047.	1.2	10
28	Cellular and Genomic Properties of Haloferax gibbonsii LR2-5, the Host of Euryarchaeal Virus HFTV1. Frontiers in Microbiology, 2021, 12, 625599.	1.5	9
29	Structure and assembly mechanism of virus-associated pyramids. Biophysical Reviews, 2018, 10, 551-557.	1.5	8
30	Growth Phase Dependent Cell Shape of Haloarcula. Microorganisms, 2021, 9, 231.	1.6	7
31	Motile ghosts of the halophilic archaeon, Haloferax volcanii. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26766-26772.	3.3	6
32	Viruses of Microbes. Viruses, 2017, 9, 263.	1.5	5
33	The Viral Susceptibility of the Haloferax Species. Viruses, 2022, 14, 1344.	1.5	4
34	Structural insights into the mechanism of archaellar rotational switching. Nature Communications, 2022, 13, .	5.8	1
35	Viruses of Microbes 2020: The Latest Conquest on Viruses of Microbes. Viruses, 2021, 13, 802.	1.5	0
36	Archaeal Surface Structures and Their Role in Communication with the Extracellular Environment. , 2017, , 67-84.		0