Rolf Hilker

List of Publications by Year
in descending order

16 papers	3,268 citations	516710 16 h-index	888059 17 g-index
18 all docs	18 docs citations	18 times ranked	6834 citing authors

#	Article	IF	Citations
1	BNT162b2 vaccine induces neutralizing antibodies and poly-specific T cells in humans. Nature, 2021, 595, 572-577.	27.8	583
2	COVID-19 vaccine BNT162b1 elicits human antibody and TH1 T cell responses. Nature, 2020, 586, 594-599.	27.8	1,520
3	Key Parameters of Tumor Epitope Immunogenicity Revealed Through a Consortium Approach Improve Neoantigen Prediction. Cell, 2020, 183, 818-834.e13.	28.9	287
4	Genome Analysis of the Carbapenem- and Colistin-Resistant Escherichia coli Isolate NRZ14408 Reveals Horizontal Gene Transfer Pathways towards Panresistance and Enhanced Virulence. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	9
5	Sinorhizobium meliloti YbeY is an endoribonuclease with unprecedented catalytic features, acting as silencing enzyme in riboregulation. Nucleic Acids Research, 2017, 45, 1371-1391.	14.5	29
6	Genome-wide identification of transcriptional start sites in the haloarchaeon Haloferax volcanii based on differential RNA-Seq (dRNA-Seq). BMC Genomics, 2016, 17, 629.	2.8	125
7	Intraclonal genome diversity of the major *Pseudomonas aeruginosa* clones C and PA14. Environmental Microbiology Reports, 2016, 8, 227-234.	2.4	41
8	ReadXplorer 2â€"detailed read mapping analysis and visualization from one single source. Bioinformatics, 2016, 32, 3702-3708.	4.1	96
9	Presence of a widely disseminated *Listeria monocytogenes* serotype 4b clone in India. Emerging Microbes and Infections, 2016, 5, 1-4.	6.5	17
10	Cyclic Di-GMP Regulates Multiple Cellular Functions in the Symbiotic Alphaproteobacterium Sinorhizobium meliloti. Journal of Bacteriology, 2016, 198, 521-535.	2.2	56
11	A detailed view of the intracellular transcriptome of Listeria monocytogenes in murine macrophages using RNA-seq. Frontiers in Microbiology, 2015, 6, 1199.	3.5	36
12	Interclonal gradient of virulence in the *P*seudomonas aeruginosa* pangenome from disease and environment. Environmental Microbiology, 2015, 17, 29-46.	3.8	113
13	Deletion of the Sm1 encoding motif in the lsm gene results in distinct changes in the transcriptome and enhanced swarming activity of Haloferax cells. Biochimie, 2015, 117, 129-137.	2.6	27
14	Serotype 1 and 8 Pneumococci Evade Sensing by Inflammasomes in Human Lung Tissue. PLoS ONE, 2015, 10, e0137108.	2.5	31
15	ReadXplorerâ€"visualization and analysis of mapped sequences. Bioinformatics, 2014, 30, 2247-2254.	4.1	127
16	UniMoGâ€"a unifying framework for genomic distance calculation and sorting based on DCJ. Bioinformatics, 2012, 28, 2509-2511.	4.1	38