

Rolf Hilker

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

3,268
citations

516710

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888059

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docs citations

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times ranked

6834
citing authors

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