

Jun-Prof dr Leon N Schulte

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28
papers

1,191
citations

12
h-index

30
g-index

30
ext. papers

1,560
ext. citations

9.7
avg, IF

4.6
L-index

#	Paper	IF	Citations
28	Dual RNA-seq unveils noncoding RNA functions in host-pathogen interactions. <i>Nature</i> , 2016 , 529, 496-501	30.4	318
27	Analysis of the host microRNA response to Salmonella uncovers the control of major cytokines by the let-7 family. <i>EMBO Journal</i> , 2011 , 30, 1977-89	13	226
26	The mammalian microRNA response to bacterial infections. <i>RNA Biology</i> , 2012 , 9, 742-50	4.8	150
25	Differential activation and functional specialization of miR-146 and miR-155 in innate immune sensing. <i>Nucleic Acids Research</i> , 2013 , 41, 542-53	20.1	138
24	Single-cell RNA-seq ties macrophage polarization to growth rate of intracellular Salmonella. <i>Nature Microbiology</i> , 2016 , 2, 16206	26.6	96
23	TMPRSS2 Is the Major Activating Protease of Influenza A Virus in Primary Human Airway Cells and Influenza B Virus in Human Type II Pneumocytes. <i>Journal of Virology</i> , 2019 , 93,	6.6	69
22	Proviral MicroRNAs Detected in Extracellular Vesicles From Bronchoalveolar Lavage Fluid of Patients With Influenza Virus-Induced Acute Respiratory Distress Syndrome. <i>Journal of Infectious Diseases</i> , 2019 , 219, 540-543	7	25
21	An Advanced Human Intestinal Coculture Model Reveals Compartmentalized Host and Pathogen Strategies during Infection. <i>MBio</i> , 2020 , 11,	7.8	18
20	THP-1-derived macrophages render lung epithelial cells hypo-responsive to Legionella pneumophila - a systems biology study. <i>Scientific Reports</i> , 2017 , 7, 11988	4.9	16
19	Noncoding RNA is an integral component of the TLR4-TRIF pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 9042-9053	11.5	15
18	Cas9-mediated excision of proximal DNaseI/H3K4me3 signatures confers robust silencing of microRNA and long non-coding RNA genes. <i>PLoS ONE</i> , 2018 , 13, e0193066	3.7	13
17	ncRNAs in Inflammatory and Infectious Diseases. <i>Methods in Molecular Biology</i> , 2019 , 1912, 3-32	1.4	12
16	A Far-Red Fluorescent DNA Binder for Interaction Studies of Live Multidrug-Resistant Pathogens and Host Cells. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11564-11568	16.4	12
15	Disease-Causing Mutations and Rearrangements in Long Non-coding RNA Gene Loci. <i>Frontiers in Genetics</i> , 2020 , 11, 527484	4.5	11
14	Emerging Roles of Long Noncoding RNAs in the Cytoplasmic Milieu. <i>Non-coding RNA</i> , 2020 , 6,	7.1	11
13	Analysis of A to I editing of miRNA in macrophages exposed to Salmonella. <i>RNA Biology</i> , 2010 , 7, 621-7	4.8	10
12	Downregulation of MDR 1 gene contributes to tyrosine kinase inhibitor induce apoptosis and reduction in tumor metastasis: A gravity to space investigation. <i>International Journal of Pharmaceutics</i> , 2020 , 591, 119993	6.5	9

11	The role of lncRNAs in innate immunity and inflammation. <i>RNA Biology</i> , 2021 , 18, 587-603	4.8	8
10	Tumor stem cells fuse with monocytes to form highly invasive tumor-hybrid cells. <i>Oncotmunology</i> , 2020 , 9, 1773204	7.2	6
9	Pro- and Antitumorigenic Capacity of Immunoproteasomes in Shaping the Tumor Microenvironment. <i>Cancer Immunology Research</i> , 2021 , 9, 682-692	12.5	5
8	A MicroRNA Network Controls Replication in Human Macrophages via LGALS8 and MX1. <i>MBio</i> , 2020 , 11,	7.8	5
7	A Far-Red Fluorescent DNA Binder for Interaction Studies of Live Multidrug-Resistant Pathogens and Host Cells. <i>Angewandte Chemie</i> , 2018 , 130, 11738-11742	3.6	5
6	Influenza virus-mediated suppression of bronchial Chitinase-3-like 1 secretion promotes secondary pneumococcal infection. <i>FASEB Journal</i> , 2020 , 34, 16432-16448	0.9	4
5	Large expert-curated database for benchmarking document similarity detection in biomedical literature search. <i>Database: the Journal of Biological Databases and Curation</i> , 2019 , 2019,	5	4
4	A ribosomal RNA fragment with 2 β 3bcyclic phosphate and GTP-binding activity acts as RIG-I ligand. <i>Nucleic Acids Research</i> , 2020 , 48, 10397-10412	20.1	2
3	Long noncoding RNAs in bacterial infection. <i>Wiley Interdisciplinary Reviews RNA</i> , 2021 , 12, e1664	9.3	1
2	Non-coding RNA Networks in Infection 2021 , 565-572		1
1	Efficient antisense inhibition reveals microRNA-155 to restrain a late-myeloid inflammatory programme in primary human phagocytes. <i>RNA Biology</i> , 2021 , 18, 604-618	4.8	1