Michael Forster

List of Publications by Year
in descending order

28 papers	1,845 citations	687363 13 h-index	501196 28 g-index
29 all docs	29 docs citations	29 times ranked	5357 citing authors

#	Article	IF	Citations
1	Phylogenetic network analysis of SARS-CoV-2 genomes. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9241-9243.	7.1	840
2	Longitudinal Multi-omics Analyses Identify Responses of Megakaryocytes, Erythroid Cells, and Plasmablasts as Hallmarks of Severe COVID-19. Immunity, 2020, 53, 1296-1314.e9.	14.3	278
3	Genomics and drug profiling of fatal TCF3-HLFâ˚positive acute lymphoblastic leukemia identifies recurrent mutation patterns and therapeutic options. Nature Genetics, 2015, 47, 1020-1029.	21.4	190
4	Early-onset Crohnâ€™s disease and autoimmunity associated with a variant in CTLA-4. Gut, 2015, 64, 1889-1897.	12.1	106
5	Development of a high-resolution NGS-based HLA-typing and analysis pipeline. Nucleic Acids Research, 2015, 43, e70-e70.	14.5	77
6	Identification and characterization of two functional variants in the human longevity gene FOXO3. Nature Communications, 2017, 8, 2063.	12.8	69
7	Vy-PER: eliminating false positive detection of virus integration events in next generation sequencing data. Scientific Reports, 2015, 5, 11534.	3.3	42
8	Quantifying cell free DNA in urine: comparison between commercial kits, impact of gender and inter-individual variation. BioTechniques, 2018, 64, 225-230.	1.8	31
9	Leptin induces TNFÎ±-dependent inflammation in acquired generalized lipodystrophy and combined Crohnâ€™s disease. Nature Communications, 2019, 10, 5629.	12.8	27
10	Grow With the Challenge â€“ Microbial Effects on Epithelial Proliferation, Carcinogenesis, and Cancer Therapy. Frontiers in Microbiology, 2018, 9, 2020.	3.5	26
11	From next-generation sequencing alignments to accurate comparison and validation of single-nucleotide variants: the pibase software. Nucleic Acids Research, 2013, 41, e16-e16.	14.5	21
12	Genome-wide analysis of 944 133 individuals provides insights into the etiology of haemorrhoidal disease. Gut, 2021, 70, 1538-1549.	12.1	21
13	Reply to SÃ¡nchez-Pacheco et al., Chookajorn, and Mavian et al.: Explaining phylogenetic network analysis of SARS-CoV-2 genomes. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12524-12525.	7.1	19
14	Deficiency in X-linked inhibitor of apoptosis protein promotes susceptibility to microbial triggers of intestinal inflammation. Science Immunology, 2021, 6, eabf7473.	11.9	15
15	Metastatic triple-negative breast cancer patient with TP53 tumor mutation experienced 11 months progression-free survival on bortezomib monotherapy without adverse events after ending standard treatments with grade 3 adverse events. Journal of Physical Education and Sports Management, 2017, 3, a001677.	1.2	14
16	Effects of Quantification Methods, Isolation Kits, Plasma Biobanking, and Hemolysis on Cell-Free DNA Analysis in Plasma. Biopreservation and Biobanking, 2019, 17, 553-561.	1.0	11
17	NGS-based methylation profiling differentiates TCF3-HLF and TCF3-PBX1 positive B-cell acute lymphoblastic leukemia. Epigenomics, 2018, 10, 133-147.	2.1	10
18	Two Prevalent â˚¼100-kb <i>GYPB</i> Deletions Causative of the GPB-Deficient Blood Group MNS Phenotype Sâ€“sâ€“Uâ€“ in Black Africans. Transfusion Medicine and Hemotherapy, 2020, 47, 326-336.	1.6	8

#	Article	IF	Citations
19	Liquid Biopsy in Gastric Cancer: Analysis of Somatic Cancer Tissue Mutations in Plasma Cell-Free DNA for Predicting Disease State and Patient Survival. Clinical and Translational Gastroenterology, 2021, 12, e00403.	2.5	8
20	High-throughput method for the hybridisation-based targeted enrichment of long genomic fragments for PacBio third-generation sequencing. NAR Genomics and Bioinformatics, 2022, 4, .	3.2	7
21	Rapid response of stage IV colorectal cancer with APC/TP53/KRAS mutations to FOLFIRI and Bevacizumab combination chemotherapy: a case report of use of liquid biopsy. BMC Medical Genetics, 2020, 21, 3.	2.1	5
22	Clinical responses to PD-1 inhibition and their molecular characterization in six patients with mismatch repair-deficient metastatic cancer of the digestive system. Journal of Cancer Research and Clinical Oncology, 2021, 147, 263-273.	2.5	5
23	Quantifying sequencing error and effective sequencing depth of liquid biopsy NGS with UMI error correction. BioTechniques, 2021, 70, 226-232.	1.8	5
24	Stage IV Colorectal Cancer Patients with High Risk Mutation Profiles Survived 16 Months Longer with Individualized Therapies. Cancers, 2020, 12, 393.	3.7	3
25	Genetic Variation in ABCC4 and CFTR and Acute Pancreatitis during Treatment of Pediatric Acute Lymphoblastic Leukemia. Journal of Clinical Medicine, 2021, 10, 4815.	2.4	2
26	Detection of Cancer Mutations by Urine Liquid Biopsy as a Potential Tool in the Clinical Management of Bladder Cancer Patients. Cancers, 2022, 14, 969.	3.7	2
27	RNA based individualized drug selection in breast cancer patients without patient-matched normal tissue. Oncotarget, 2018, 9, 32362-32372.	1.8	1
28	Abstract 3617: Very low coverage whole genome sequencing improves clinically relevant copy number variation calling compared to targeted sequencing. , 2020, , .		0