

# Michael Forster

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Detection of Cancer Mutations by Urine Liquid Biopsy as a Potential Tool in the Clinical Management of Bladder Cancer Patients. <i>Cancers</i> , 2022, 14, 969.	3.7	2
2	High-throughput method for the hybridisation-based targeted enrichment of long genomic fragments for PacBio third-generation sequencing. <i>NAR Genomics and Bioinformatics</i> , 2022, 4, .	3.2	7
3	Clinical responses to PD-1 inhibition and their molecular characterization in six patients with mismatch repair-deficient metastatic cancer of the digestive system. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 263-273.	2.5	5
4	Quantifying sequencing error and effective sequencing depth of liquid biopsy NGS with UMI error correction. <i>BioTechniques</i> , 2021, 70, 226-232.	1.8	5
5	Genome-wide analysis of 944 133 individuals provides insights into the etiology of haemorrhoidal disease. <i>Gut</i> , 2021, 70, 1538-1549.	12.1	21
6	Liquid Biopsy in Gastric Cancer: Analysis of Somatic Cancer Tissue Mutations in Plasma Cell-Free DNA for Predicting Disease State and Patient Survival. <i>Clinical and Translational Gastroenterology</i> , 2021, 12, e00403.	2.5	8
7	Genetic Variation in ABCC4 and CFTR and Acute Pancreatitis during Treatment of Pediatric Acute Lymphoblastic Leukemia. <i>Journal of Clinical Medicine</i> , 2021, 10, 4815.	2.4	2
8	Deficiency in X-linked inhibitor of apoptosis protein promotes susceptibility to microbial triggers of intestinal inflammation. <i>Science Immunology</i> , 2021, 6, eabf7473.	11.9	15
9	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. <i>BMC Medical Genetics</i> , 2020, 21, 3.	2.1	5
10	Two Prevalent $\sim 100$ -kb $\Delta$ GYPB Deletions Causative of the GPB-Deficient Blood Group MNS Phenotype “Ua” in Black Africans. <i>Transfusion Medicine and Hemotherapy</i> , 2020, 47, 326-336.	1.6	8
11	Longitudinal Multi-omics Analyses Identify Responses of Megakaryocytes, Erythroid Cells, and Plasmablasts as Hallmarks of Severe COVID-19. <i>Immunity</i> , 2020, 53, 1296-1314.e9.	14.3	278
12	Stage IV Colorectal Cancer Patients with High Risk Mutation Profiles Survived 16 Months Longer with Individualized Therapies. <i>Cancers</i> , 2020, 12, 393.	3.7	3
13	Phylogenetic network analysis of SARS-CoV-2 genomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9241-9243.	7.1	840
14	Reply to Sánchez-Pacheco et al., Chookajorn, and Mavian et al.: Explaining phylogenetic network analysis of SARS-CoV-2 genomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12524-12525.	7.1	19
15	Abstract 3617: Very low coverage whole genome sequencing improves clinically relevant copy number variation calling compared to targeted sequencing. , 2020, , .		0
16	Effects of Quantification Methods, Isolation Kits, Plasma Biobanking, and Hemolysis on Cell-Free DNA Analysis in Plasma. <i>Biopreservation and Biobanking</i> , 2019, 17, 553-561.	1.0	11
17	Leptin induces TNF $\alpha$ -dependent inflammation in acquired generalized lipodystrophy and combined Crohn's disease. <i>Nature Communications</i> , 2019, 10, 5629.	12.8	27
18	NGS-based methylation profiling differentiates TCF3-HLF and TCF3-PBX1 positive B-cell acute lymphoblastic leukemia. <i>Epigenomics</i> , 2018, 10, 133-147.	2.1	10

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19	Grow With the Challenge – Microbial Effects on Epithelial Proliferation, Carcinogenesis, and Cancer Therapy. <i>Frontiers in Microbiology</i> , 2018, 9, 2020.	3.5	26
20	RNA based individualized drug selection in breast cancer patients without patient-matched normal tissue. <i>Oncotarget</i> , 2018, 9, 32362-32372.	1.8	1
21	Quantifying cell free DNA in urine: comparison between commercial kits, impact of gender and inter-individual variation. <i>BioTechniques</i> , 2018, 64, 225-230.	1.8	31
22	Metastatic triple-negative breast cancer patient with <i>TP53</i> tumor mutation experienced 11 months progression-free survival on bortezomib monotherapy without adverse events after ending standard treatments with grade 3 adverse events. <i>Journal of Physical Education and Sports Management</i> , 2017, 3, a001677.	1.2	14
23	Identification and characterization of two functional variants in the human longevity gene FOXO3. <i>Nature Communications</i> , 2017, 8, 2063.	12.8	69
24	Development of a high-resolution NGS-based HLA-typing and analysis pipeline. <i>Nucleic Acids Research</i> , 2015, 43, e70-e70.	14.5	77
25	Genomics and drug profiling of fatal TCF3-HLF <sup>+</sup> positive acute lymphoblastic leukemia identifies recurrent mutation patterns and therapeutic options. <i>Nature Genetics</i> , 2015, 47, 1020-1029.	21.4	190
26	Vy-PER: eliminating false positive detection of virus integration events in next generation sequencing data. <i>Scientific Reports</i> , 2015, 5, 11534.	3.3	42
27	Early-onset Crohn's disease and autoimmunity associated with a variant in CTLA-4. <i>Gut</i> , 2015, 64, 1889-1897.	12.1	106
28	From next-generation sequencing alignments to accurate comparison and validation of single-nucleotide variants: the pibase software. <i>Nucleic Acids Research</i> , 2013, 41, e16-e16.	14.5	21