

Andre Franke

List of PR Articles by Year in descending order

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495

PR articles

48,517

PR citations

721

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PR h-index

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212

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documents

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doc citations

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132

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citing authors

#	ARTICLE	IF	PR CITATIONS
1	Functional host-specific adaptation of the intestinal microbiome in hominids. <i>Nature Communications</i> , 2024, 15, .	13.9	22
2	Metabolic model predictions enable targeted microbiome manipulation through precision prebiotics. <i>Microbiology Spectrum</i> , 2024, 12, .	3.7	13
3	Genome-wide meta-analyses of restless legs syndrome yield insights into genetic architecture, disease biology and risk prediction. <i>Nature Genetics</i> , 2024, 56, 1090-1099.	26.1	40
4	The microRNA Expression in Crypt-Top and Crypt-Bottom Colonic Epithelial Cell Populations Demonstrates Cell-Type Specificity and Correlates with Endoscopic Activity in Ulcerative Colitis. <i>Journal of Crohn's and Colitis</i> , 2024, 18, 2033-2044.	1.3	1
5	A genome-wide association study in autoimmune neurological syndromes with anti-GAD65 autoantibodies. <i>Brain</i> , 2023, 146, 977-990.	8.5	32
6	Protective and aggressive bacterial subsets and metabolites modify hepatobiliary inflammation and fibrosis in a murine model of PSC. <i>Gut</i> , 2023, 72, 671-685.	21.2	83
7	Long-Term Dietary Effects on Human Gut Microbiota Composition Employing Shotgun Metagenomics Data Analysis. <i>Molecular Nutrition and Food Research</i> , 2023, 67, .	4.1	12
8	Genetic variation in <i>TERT</i> modifies the risk of hepatocellular carcinoma in alcohol-related cirrhosis: results from a genome-wide case-control study. <i>Gut</i> , 2023, 72, 381-391.	21.2	39
9	Activated regulatory T-cells promote duodenal bacterial translocation into necrotic areas in severe acute pancreatitis. <i>Gut</i> , 2023, 72, 1355-1369.	21.2	81
10	Resistance to thyroid hormone induced tachycardia in RTH1 syndrome. <i>Nature Communications</i> , 2023, 14, .	13.9	18
11	Genome-wide association analyses define pathogenic signaling pathways and prioritize drug targets for IgA nephropathy. <i>Nature Genetics</i> , 2023, 55, 1091-1105.	26.1	143
12	Mechanisms by which the cystic fibrosis transmembrane conductance regulator may influence SARS-CoV-2 infection and COVID-19 disease severity. <i>FASEB Journal</i> , 2023, 37, .	0.7	5
13	A survey of functional dyspepsia in 361,360 individuals: Phenotypic and genetic cross-disease analyses. <i>Neurogastroenterology and Motility</i> , 2022, 34, .	2.7	17
14	Transethnic analysis of psoriasis susceptibility in South Asians and Europeans enhances fine mapping in the MHC and genome wide. <i>Human Genetics and Genomics Advances</i> , 2022, 3, 100069.	1.6	37
15	Occasional paternal inheritance of the germline-restricted chromosome in songbirds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.6	21
16	Detailed Transcriptional Landscape of Peripheral Blood Points to Increased Neutrophil Activation in Treatment-Naïve Inflammatory Bowel Disease. <i>Journal of Crohn's and Colitis</i> , 2022, 16, 1097-1109.	1.3	23
17	Cross-tissue transcriptome-wide association studies identify susceptibility genes shared between schizophrenia and inflammatory bowel disease. <i>Communications Biology</i> , 2022, 5, .	4.4	34
18	Linkage analysis identifies novel genetic modifiers of microbiome traits in families with inflammatory bowel disease. <i>Gut Microbes</i> , 2022, 14, .	10.4	13

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19	Circulating microbiome in patients with portal hypertension. <i>Gut Microbes</i> , 2022, 14, .	10.4	58
20	miRNome Profiling and Functional Analysis Reveal Involvement of hsa-miR-1246 in Colon Adenoma-Carcinoma Transition by Targeting AXIN2 and CFTR. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2107.	4.5	8
21	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.	4.0	7
22	A novel unconventional T cell population enriched in Crohn's disease. <i>Gut</i> , 2022, 71, 2194-2204.	21.2	63
23	SARS-CoV-2 Nsp13 encodes for an HLA-E-stabilizing peptide that abrogates inhibition of NKG2A-expressing NK cells. <i>Cell Reports</i> , 2022, 38, 110503.	6.4	61
24	B-cell-depletion reverses dysbiosis of the microbiome in multiple sclerosis patients. <i>Scientific Reports</i> , 2022, 12, .	3.5	36
25	NMR Metabolomics Reveal Urine Markers of Microbiome Diversity and Identify Benzoate Metabolism as a Mediator between High Microbial Alpha Diversity and Metabolic Health. <i>Metabolites</i> , 2022, 12, 308.	3.5	17
26	Local genetic variation of inflammatory bowel disease in Basque population and its effect in risk prediction. <i>Scientific Reports</i> , 2022, 12, .	3.5	20
27	Genome-Wide Association Study of Alzheimer's Disease Brain Imaging Biomarkers and Neuropsychological Phenotypes in the European Medical Information Framework for Alzheimer's Disease Multimodal Biomarker Discovery Dataset. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, .	4.1	40
28	Heart Failure Severity Closely Correlates with Intestinal Dysbiosis and Subsequent Metabolomic Alterations. <i>Biomedicines</i> , 2022, 10, 809.	3.5	22
29	A dietary carbohydrate " gut Parasutterella " human fatty acid biosynthesis /i> metabolic axis in obesity and type 2 diabetes. <i>Gut Microbes</i> , 2022, 14, .	10.4	134
30	Genetic Associations and Differential mRNA Expression Levels of Host Genes Suggest a Viral Trigger for Endemic Pempigus Foliaceus. <i>Viruses</i> , 2022, 14, 879.	3.3	4
31	Dysbiosis in the Gut Microbiota in Patients with Inflammatory Bowel Disease during Remission. <i>Microbiology Spectrum</i> , 2022, 10, .	3.7	102
32	Differential Effects of Obesity, Hyperlipidaemia, Dietary Intake and Physical Inactivity on Type I versus Type IV Allergies. <i>Nutrients</i> , 2022, 14, 2351.	4.7	5
33	Genetic loci and prioritization of genes for kidney function decline derived from a meta-analysis of 62 longitudinal genome-wide association studies. <i>Kidney International</i> , 2022, 102, 624-639.	5.0	46
34	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. <i>Communications Biology</i> , 2022, 5, .	4.4	31
35	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, .	2.2	17
36	Host genetic factors related to innate immunity, environmental sensing and cellular functions are associated with human skin microbiota. <i>Nature Communications</i> , 2022, 13, .	13.9	79

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37	DNA methyltransferase 3A controls intestinal epithelial barrier function and regeneration in the colon. <i>Nature Communications</i> , 2022, 13, .	13.9	36
38	SETDB1 is required for intestinal epithelial differentiation and the prevention of intestinal inflammation. <i>Gut</i> , 2021, 70, 485-498.	21.2	72
39	Long-term instability of the intestinal microbiome is associated with metabolic liver disease, low microbiota diversity, diabetes mellitus and impaired exocrine pancreatic function. <i>Gut</i> , 2021, 70, 522-530.	21.2	152
40	Circulating sDPP-4 is Increased in Obesity and Insulin Resistance but Is Not Related to Systemic Metabolic Inflammation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e592-e601.	4.2	22
41	Shared Genetics of Multiple System Atrophy and Inflammatory Bowel Disease. <i>Movement Disorders</i> , 2021, 36, 449-459.	4.6	21
42	Population connectivity of fan-shaped sponge holobionts in the deep Cantabrian Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2021, 167, 103427.	1.7	19
43	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. <i>Kidney International</i> , 2021, 99, 926-939.	5.0	86
44	Genetic variability of immune-related lncRNAs: polymorphisms in <i>LINC01012</i> and <i>LY861AS1</i> are associated with pemphigus foliaceus susceptibility. <i>Experimental Dermatology</i> , 2021, 30, 831-840.	2.8	15
45	Genome-wide study of a Neolithic Wartberg grave community reveals distinct HLA variation and hunter-gatherer ancestry. <i>Communications Biology</i> , 2021, 4, .	4.4	31
46	Exome-Wide Association Study Identifies <i>FN3KRP</i> and <i>PGP</i> as New Candidate Longevity Genes. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 786-795.	3.5	19
47	Current Developments of Clinical Sequencing and the Clinical Utility of Polygenic Risk Scores in Inflammatory Diseases. <i>Frontiers in Immunology</i> , 2021, 11, .	5.1	5
48	Large-scale association analyses identify host factors influencing human gut microbiome composition. <i>Nature Genetics</i> , 2021, 53, 156-165.	26.1	1,507
49	Clinical correlates of anti-SARS-CoV-2 antibody profiles in Spanish COVID-19 patients from a high incidence region. <i>Scientific Reports</i> , 2021, 11, .	3.5	10
50	Single- and Multimarker Genome-Wide Scans Evidence Novel Genetic Risk Modifiers for Venous Thromboembolism. <i>Thrombosis and Haemostasis</i> , 2021, 121, 1169-1180.	4.2	18
51	Human β -Defensin 2 Mutations Are Associated With Asthma and Atopy in Children and Its Application Prevents Atopic Asthma in a Mouse Model. <i>Frontiers in Immunology</i> , 2021, 12, .	5.1	21
52	A heterozygous germline CD100 mutation in a family with primary sclerosing cholangitis. <i>Science Translational Medicine</i> , 2021, 13, .	12.7	16
53	Transethnic analysis of the human leukocyte antigen region for ulcerative colitis reveals not only shared but also ethnicity-specific disease associations. <i>Human Molecular Genetics</i> , 2021, 30, 356-369.	3.0	39
54	Carrying asymptomatic gallstones is not associated with changes in intestinal microbiota composition and diversity but cholecystectomy with significant dysbiosis. <i>Scientific Reports</i> , 2021, 11, .	3.5	40

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55	Intestinal protozoan infections shape fecal bacterial microbiota in children from Guinea-Bissau. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009232.	3.1	22
56	Altered Gut Microbial Metabolism of Essential Nutrients in Primary Sclerosing Cholangitis. <i>Gastroenterology</i> , 2021, 160, 1784-1798.e0.	1.0	114
57	Primate phageomes are structured by superhost phylogeny and environment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.6	23
58	Genome-wide analysis of 944 133 individuals provides insights into the etiology of haemorrhoidal disease. <i>Gut</i> , 2021, 70, 1538-1549.	21.2	35
59	Identification of two novel bullous pemphigoid- associated alleles, HLA-DQA1*05:05 and -DRB1*07:01, in Germans. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, .	3.2	21
60	Mass burial genomics reveals outbreak of enteric paratyphoid fever in the Late Medieval trade city Lüneburg. <i>iScience</i> , 2021, 24, 102419.	3.6	17
61	Effect of various weight loss interventions on serum NT-proBNP concentration in severe obese subjects without clinical manifest heart failure. <i>Scientific Reports</i> , 2021, 11, .	3.5	16
62	TMEM106B and CPOX are genetic determinants of cerebrospinal fluid Alzheimer's disease biomarker levels. <i>Alzheimer's and Dementia</i> , 2021, 17, 1628-1640.	0.4	36
63	Identifying genetic modifiers of age-associated penetrance in X-linked dystonia-parkinsonism. <i>Nature Communications</i> , 2021, 12, .	13.9	58
64	Unsuspected Associations of Variants within the Genes NOTCH4 and STEAP2-AS1 Uncovered by a GWAS in Endemic <i>Pemphigus Foliaceus</i> . <i>Journal of Investigative Dermatology</i> , 2021, 141, 2741-2744.	2.3	4
65	Short-term physical exercise impacts on the human holobiont obtained by a randomised intervention study. <i>BMC Microbiology</i> , 2021, 21, .	3.9	37
66	Large-Scale Imputation of KIR Copy Number and HLA Alleles in North American and European Psoriasis Case-Control Cohorts Reveals Association of Inhibitory KIR2DL2 With Psoriasis. <i>Frontiers in Immunology</i> , 2021, 12, .	5.1	11
67	Association Between Collagenous and Lymphocytic Colitis and Risk of Severe Coronavirus Disease 2019. <i>Gastroenterology</i> , 2021, 160, 2585-2587.e3.	1.0	5
68	The alternative serotonin transporter promoter P2 impacts gene function in females with irritable bowel syndrome. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 8047-8061.	4.1	5
69	MRI-Based Iron Phenotyping and Patient Selection for Next-Generation Sequencing of Non-Homeostatic Iron Regulator Hemochromatosis Genes. <i>Hepatology</i> , 2021, 74, 2424-2435.	10.6	12
70	Single-cell atlas of hepatic T cells reveals expansion of liver-resident naive-like CD4+ T cells in primary sclerosing cholangitis. <i>Journal of Hepatology</i> , 2021, 75, 414-423.	3.6	104
71	Sex-specific genetic factors affect the risk of early-onset periodontitis in Europeans. <i>Journal of Clinical Periodontology</i> , 2021, 48, 1404-1413.	6.6	22
72	Genome-wide Association Study Identifies 2 New Loci Associated With Anti-NMDAR Encephalitis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021, 8, .	6.9	26

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73	Genetic association and differential expression of HLA Complex Group lncRNAs in pemphigus. <i>Journal of Autoimmunity</i> , 2021, 123, 102705.	6.7	12
74	Rare genetic coding variants associated with human longevity and protection against age-related diseases. <i>Nature Aging</i> , 2021, 1, 783-794.	16.0	41
75	Analysis of SARS-CoV-2 reverse transcription-quantitative polymerase chain reaction cycle threshold values vis-à-vis anti-SARS-CoV-2 antibodies from a high incidence region. <i>International Journal of Infectious Diseases</i> , 2021, 110, 114-122.	2.2	6
76	Microbial Diversity and Abundance of <i>Parabacteroides</i> Mediate the Associations Between Higher Intake of Flavonoid-Rich Foods and Lower Blood Pressure. <i>Hypertension</i> , 2021, 78, 1016-1026.	6.9	25
77	Age-dependent impact of the major common genetic risk factor for COVID-19 on severity and mortality. <i>Journal of Clinical Investigation</i> , 2021, 131, .	10.7	103
78	Anti-glycoprotein 2 (anti-GP2) IgA and anti-neutrophil cytoplasmic antibodies to serine proteinase 3 (PR3-ANCA): antibodies to predict severe disease, poor survival and cholangiocarcinoma in primary sclerosing cholangitis. <i>Alimentary Pharmacology and Therapeutics</i> , 2021, 53, 302-313.	3.9	36
79	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.	2.9	14
80	BMI, Alcohol Consumption and Gut Microbiome Species Richness Are Related to Structural and Functional Neurological Abnormalities. <i>Nutrients</i> , 2021, 13, 3743.	4.7	6
81	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.	2.6	4
82	Artificial intelligence enables comprehensive genome interpretation and nomination of candidate diagnoses for rare genetic diseases. <i>Genome Medicine</i> , 2021, 13, .	9.7	121
83	Ecology impacts the decrease of <i>Spirochaetes</i> and <i>Prevotella</i> in the fecal gut microbiota of urban humans. <i>BMC Microbiology</i> , 2021, 21, .	3.9	27
84	Genome-wide analysis of 53,400 people with irritable bowel syndrome highlights shared genetic pathways with mood and anxiety disorders. <i>Nature Genetics</i> , 2021, 53, 1543-1552.	26.1	226
85	Epigenetic adaptations of the masticatory mucosa to periodontal inflammation. <i>Clinical Epigenetics</i> , 2021, 13, .	4.0	12
86	Deficiency in X-linked inhibitor of apoptosis protein promotes susceptibility to microbial triggers of intestinal inflammation. <i>Science Immunology</i> , 2021, 6, .	13.5	24
87	Using common genetic variants to find drugs for common epilepsies. <i>Brain Communications</i> , 2021, 3, .	3.6	16
88	A Multi-Factorial Observational Study on Sequential Fecal Microbiota Transplant in Patients with Medically Refractory <i>Clostridioides difficile</i> Infection. <i>Cells</i> , 2021, 10, 3234.	4.8	22
89	Methotrexate Treatment of Newly Diagnosed RA Patients Is Associated With DNA Methylation Differences at Genes Relevant for Disease Pathogenesis and Pharmacological Action. <i>Frontiers in Immunology</i> , 2021, 12, .	5.1	16
90	Validity and Prognostic Value of a Polygenic Risk Score for Parkinson's Disease. <i>Genes</i> , 2021, 12, 1859.	2.6	32

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91	Rare variant analysis in eczema identifies exonic variants in DUSP1, NOTCH4 and SLC9A4. <i>Nature Communications</i> , 2021, 12, .	13.9	36
92	MEDTEC Students against Coronavirus: Investigating the Role of Hemostatic Genes in the Predisposition to COVID-19 Severity. <i>Journal of Personalized Medicine</i> , 2021, 11, 1166.	2.6	11
93	Reporting guidelines for human microbiome research: the STORMS checklist. <i>Nature Medicine</i> , 2021, 27, 1885-1892.	39.5	375
94	Targeting the cytoplasmic polyadenylation element-binding protein CPEB4 protects against diet-induced obesity and microbiome dysbiosis. <i>Molecular Metabolism</i> , 2021, 54, 101388.	6.0	16
95	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	38.7	845
96	Common and rare variant association analyses in amyotrophic lateral sclerosis identify 15 risk loci with distinct genetic architectures and neuron-specific biology. <i>Nature Genetics</i> , 2021, 53, 1636-1648.	26.1	472
97	Interplay between Genome, Metabolome and Microbiome in Colorectal Cancer. <i>Cancers</i> , 2021, 13, 6216.	4.0	23
98	GWAS of stool frequency provides insights into gastrointestinal motility and irritable bowel syndrome. <i>Cell Genomics</i> , 2021, 1, 100069.	6.9	30
99	Genetic background of high blood pressure is associated with reduced mortality in premature neonates. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2020, 105, 184-189.	3.1	8
100	Genetic Variation in HSD17B13 Reduces the Risk of Developing Cirrhosis and Hepatocellular Carcinoma in Alcohol Misusers. <i>Hepatology</i> , 2020, 72, 88-102.	10.6	91
101	Protein-coding variants contribute to the risk of atopic dermatitis and skin-specific gene expression. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1208-1218.	6.2	39
102	Identification of Disease-associated Traits and Clonotypes in the T Cell Receptor Repertoire of Monozygotic Twins Affected by Inflammatory Bowel Diseases. <i>Journal of Crohn's and Colitis</i> , 2020, 14, 778-790.	1.3	23
103	Genomic Characterization of Cholangiocarcinoma in Primary Sclerosing Cholangitis Reveals Therapeutic Opportunities. <i>Hepatology</i> , 2020, 72, 1253-1266.	10.6	60
104	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, .	2.0	6
105	The role of the gut microbiome in the association between habitual anthocyanin intake and visceral abdominal fat in population-level analysis. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 340-350.	4.9	26
106	Chloroflexi Dominate the Deep-Sea Golf Ball Sponges <i>Craniella zetlandica</i> and <i>Craniella infrequens</i> Throughout Different Life Stages. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	18
107	Elucidating the Influence of Chromosomal Architecture on Transcriptional Regulation in Prokaryotes – Observing Strong Local Effects of Nucleoid Structure on Gene Regulation. <i>Frontiers in Microbiology</i> , 2020, 11, .	3.9	5
108	Genetic risk for Alzheimer disease predicts hippocampal volume through the human lifespan. <i>Neurology: Genetics</i> , 2020, 6, .	2.9	53

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109	Comparative Studies of the Gut Microbiota in the Offspring of Mothers With and Without Gestational Diabetes. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, .	4.3	43
110	Genome-wide association study of Alzheimer's disease CSF biomarkers in the EMIF-AD Multimodal Biomarker Discovery dataset. <i>Translational Psychiatry</i> , 2020, 10, .	5.5	58
111	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.	23.3	355
112	Low-Avidity CD4+ T Cell Responses to SARS-CoV-2 in Unexposed Individuals and Humans with Severe COVID-19. <i>Immunity</i> , 2020, 53, 1258-1271.e5.	23.3	317
113	Dense sampling of bird diversity increases power of comparative genomics. <i>Nature</i> , 2020, 587, 252-257.	38.7	385
114	Concentration and chemical form of dietary zinc shape the porcine colon microbiome, its functional capacity and antibiotic resistance gene repertoire. <i>ISME Journal</i> , 2020, 14, 2783-2793.	9.1	53
115	The Impact of Oral Sodium Chloride Supplementation on Thrive and the Intestinal Microbiome in Neonates With Small Bowel Ostomies: A Prospective Cohort Study. <i>Frontiers in Immunology</i> , 2020, 11, .	5.1	20
116	Dickkopf-1 Overexpression in vitro Nominates Candidate Blood Biomarkers Relating to Alzheimer's Disease Pathology. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 1353-1368.	2.6	7
117	Genetic risk factors predict disease progression in Crohn's disease patients of the Swiss inflammatory bowel disease cohort. <i>Therapeutic Advances in Gastroenterology</i> , 2020, 13, .	3.5	16
118	Targeted analysis of polymorphic loci from low-coverage shotgun sequence data allows accurate genotyping of HLA genes in historical human populations. <i>Scientific Reports</i> , 2020, 10, .	3.5	13
119	Exome sequencing in 38 patients with intracranial aneurysms and subarachnoid hemorrhage. <i>Journal of Neurology</i> , 2020, 267, 2533-2545.	3.5	21
120	RE: Oral Leukoplakia and Risk of Progression to Oral Cancer: A Population-Based Cohort Study. <i>Journal of the National Cancer Institute</i> , 2020, 112, 968-969.	4.7	5
121	A disease-specific decline of the relative abundance of <i>Bifidobacterium</i> in patients with autoimmune hepatitis. <i>Alimentary Pharmacology and Therapeutics</i> , 2020, 51, 1417-1428.	3.9	74
122	The mutational constraint spectrum quantified from variation in 141,456 humans. <i>Nature</i> , 2020, 581, 434-443.	38.7	8,804
123	Amino acid encoding for deep learning applications. <i>BMC Bioinformatics</i> , 2020, 21, .	3.0	90
124	Genomewide Association Study of Severe Covid-19 with Respiratory Failure. <i>New England Journal of Medicine</i> , 2020, 383, 1522-1534.	43.7	1,799
125	IL-22 Paucity in APECED Is Associated With Mucosal and Microbial Alterations in Oral Cavity. <i>Frontiers in Immunology</i> , 2020, 11, .	5.1	21
126	Translation of mouse model to human gives insights into periodontitis etiology. <i>Scientific Reports</i> , 2020, 10, .	3.5	15

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127	Sugar-Induced Obesity and Insulin Resistance Are Uncoupled from Shortened Survival in <i>Drosophila</i> . <i>Cell Metabolism</i> , 2020, 31, 710-725.e7.	26.2	126
128	DNA methylation QTL analysis identifies new regulators of human longevity. <i>Human Molecular Genetics</i> , 2020, 29, 1154-1167.	3.0	16
129	Arrhythmic Gut Microbiome Signatures Predict Risk of Type 2 Diabetes. <i>Cell Host and Microbe</i> , 2020, 28, 258-272.e6.	15.3	248
130	Rheumatoid Arthritis Patients, Both Newly Diagnosed and Methotrexate Treated, Show More DNA Methylation Differences in CD4+ Memory Than in CD4+ Naïve T Cells. <i>Frontiers in Immunology</i> , 2020, 11, .	5.1	25
131	Quantitative comparison of within-sample heterogeneity scores for DNA methylation data. <i>Nucleic Acids Research</i> , 2020, 48, e46-e46.	15.7	66
132	A cross-disease meta-GWAS identifies four new susceptibility loci shared between systemic sclerosis and Crohn's disease. <i>Scientific Reports</i> , 2020, 10, .	3.5	21
133	In Silico Guided Discovery of Novel Class I and II <i>Trypanosoma cruzi</i> Epitopes Recognized by T Cells from Chagas' Disease Patients. <i>Journal of Immunology</i> , 2020, 204, 1571-1581.	0.6	15
134	Depletion of erythropoietic miR-486-5p and miR-451a improves detectability of rare microRNAs in peripheral blood-derived small RNA sequencing libraries. <i>NAR Genomics and Bioinformatics</i> , 2020, 2, .	2.2	15
135	Stage IV Colorectal Cancer Patients with High Risk Mutation Profiles Survived 16 Months Longer with Individualized Therapies. <i>Cancers</i> , 2020, 12, 393.	4.0	3
136	Monocytes as Potential Mediators of Pathogen-Induced T Helper 17 Differentiation in Patients With Primary Sclerosing Cholangitis (PSC). <i>Hepatology</i> , 2020, 72, 1310-1326.	10.6	83
137	A benchmark of hemoglobin blocking during library preparation for mRNA-Sequencing of human blood samples. <i>Scientific Reports</i> , 2020, 10, .	3.5	13
138	A fungal pathogen induces systemic susceptibility and systemic shifts in wheat metabolome and microbiome composition. <i>Nature Communications</i> , 2020, 11, .	13.9	145
139	Role of prothrombin 19911 A>G polymorphism, blood group and male gender in patients with venous thromboembolism: Results of a German cohort study. <i>Journal of Thrombosis and Thrombolysis</i> , 2020, 51, 494-501.	2.0	11
140	The Gut Microbiome in Patients With Chronic Pancreatitis Is Characterized by Significant Dysbiosis and Overgrowth by Opportunistic Pathogens. <i>Clinical and Translational Gastroenterology</i> , 2020, 11, e00232.	2.9	78
141	On giant shoulders: how a seamount affects the microbial community composition of seawater and sponges. <i>Biogeosciences</i> , 2020, 17, 3471-3486.	3.1	27
142	Molecular Subtypes with Distinct Clinical Phenotypes and Actionable Targets in Adult B Cell Precursor ALL Treatment According to GMALL Protocols. <i>Blood</i> , 2020, 136, 11-12.	4.2	2
143	Obese Individuals with and without Type 2 Diabetes Show Different Gut Microbial Functional Capacity and Composition. <i>Cell Host and Microbe</i> , 2019, 26, 252-264.e10.	15.3	398
144	A structured weight loss program increases gut microbiota phylogenetic diversity and reduces levels of <i>Collinsella</i> in obese type 2 diabetics: A pilot study. <i>PLoS ONE</i> , 2019, 14, e0219489.	2.4	108

#	ARTICLE	IF	PR CITATIONS
145	Consistent alterations in faecal microbiomes of patients with primary sclerosing cholangitis independent of associated colitis. <i>Alimentary Pharmacology and Therapeutics</i> , 2019, 50, 580-589.	3.9	93
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