Philip Rosenstiel

List of Publications by Year
in descending order

391 papers	60,153 citations	2091 103 h-index	1371 228 g-index
423 all docs	423 docs citations	423 times ranked	106488 citing authors

#	Article	IF	Citations
1	Epithelial X-Box Binding Protein 1 Coordinates Tumor Protein p53-Driven DNA Damage Responses and Suppression of Intestinal Carcinogenesis. Gastroenterology, 2022, 162, 223-237.e11.	0.6	15
2	PUFA-Induced Metabolic Enteritis as a Fuel for Crohnâ€™s Disease. Gastroenterology, 2022, 162, 1690-1704.	0.6	24
3	Detailed Transcriptional Landscape of Peripheral Blood Points to Increased Neutrophil Activation in Treatment-NaÃ¯ve Inflammatory Bowel Disease. Journal of Crohn's and Colitis, 2022, 16, 1097-1109.	0.6	5
4	A novel unconventional T cell population enriched in Crohnâ€™s disease. Gut, 2022, 71, 2194-2204.	6.1	22
5	Effects of Human RelA Transgene on Murine Macrophage Inflammatory Responses. Biomedicines, 2022, 10, 757.	1.4	0
6	Radiotherapy orchestrates natural killer cell dependent antitumor immune responses through CXCL8. Science Advances, 2022, 8, eabh4050.	4.7	55
7	Bacterial sensing via neuronal Nod2 regulates appetite and body temperature. Science, 2022, 376, eabj3986.	6.0	76
8	Longitudinal monitoring of <scp>STAT3</scp> phosphorylation and histologic outcome of tofacitinib therapy in patients with ulcerative colitis. Alimentary Pharmacology and Therapeutics, 2022, 56, 282-291.	1.9	5
9	The genomic and transcriptional landscape of primary central nervous system lymphoma. Nature Communications, 2022, 13, 2558.	5.8	52
10	p62 Promotes Survival and Hepatocarcinogenesis in Mice with Liver-Specific NEMO Ablation. Cancers, 2022, 14, 2436.	1.7	0
11	Cell-autonomous hepatocyte-specific GP130 signaling is sufficient to trigger a robust innate immune response in mice. Journal of Hepatology, 2021, 74, 407-418.	1.8	15
12	The Genomic Basis of Rapid Adaptation to Antibiotic Combination Therapy in Pseudomonas aeruginosa. Molecular Biology and Evolution, 2021, 38, 449-464.	3.5	21
13	The role of cGAS/STING in intestinal immunity. European Journal of Immunology, 2021, 51, 785-797.	1.6	22
14	Dietary conjugated linoleic acid links reduced intestinal inflammation to amelioration of CNS autoimmunity. Brain, 2021, 144, 1152-1166.	3.7	28
15	Swarm Learning for decentralized and confidential clinical machine learning. Nature, 2021, 594, 265-270.	13.7	375
16	Mutational mechanisms shaping the coding and noncoding genome of germinal center derived B-cell lymphomas. Leukemia, 2021, 35, 2002-2016.	3.3	34
17	IL-23 reshapes kidney resident cell metabolism and promotes local kidney inflammation. Journal of Clinical Investigation, 2021, 131, .	3.9	33
18	Lasp1 regulates adherens junction dynamics and fibroblast transformation in destructive arthritis. Nature Communications, 2021, 12, 3624.	5.8	16

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19	Therapeutic Interleukin-6 Trans-signaling Inhibition by Olamkicept (sgp130Fc) in Patients With Active Inflammatory Bowel Disease. Gastroenterology, 2021, 160, 2354-2366.e11.	0.6	120
20	Epigenomic and transcriptional profiling identifies impaired glyoxylate detoxification in NAFLD as a risk factor for hyperoxaluria. Cell Reports, 2021, 36, 109526.	2.9	22
21	IL23R on myeloid cells is involved in murine pulmonary granuloma formation. Experimental Lung Research, 2021, 47, 344-353.	0.5	1
22	Early IFN-Î± signatures and persistent dysfunction are distinguishing features of NK cells in severe COVID-19. Immunity, 2021, 54, 2650-2669.e14.	6.6	145
23	The effects of nested miRNAs and their host genes on immune defense against Bacillus thuringiensis infection in Caenorhabditis elegans. Developmental and Comparative Immunology, 2021, 123, 104144.	1.0	3
24	The gut microbiota instructs the hepatic endothelial cell transcriptome. IScience, 2021, 24, 103092.	1.9	16
25	Multiscale heterogeneity in gastric adenocarcinoma evolution is an obstacle to precision medicine. Genome Medicine, 2021, 13, 177.	3.6	16
26	Microbial regulation of hexokinase 2 links mitochondrial metabolism and cell death in colitis. Cell Metabolism, 2021, 33, 2355-2366.e8.	7.2	40
27	Protein-coding variants contribute to the risk of atopic dermatitis and skin-specific gene expression. Journal of Allergy and Clinical Immunology, 2020, 145, 1208-1218.	1.5	29
28	Autophagy of Intestinal Epithelial Cells Inhibits Colorectal Carcinogenesis Induced by Colibactin-Producing Escherichia coli in Apc Mice. Gastroenterology, 2020, 158, 1373-1388.	0.6	53
29	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
30	Nutritional Targeting of the Microbiome as Potential Therapy for Malnutrition and Chronic Inflammation. Nutrients, 2020, 12, 3032.	1.7	10
31	Language of a Long-Term Relationship: Bacterial Inositols and the Intestinal Epithelium. Cell Metabolism, 2020, 32, 509-511.	7.2	0
32	The C. elegans GATA transcription factor elt-2 mediates distinct transcriptional responses and opposite infection outcomes towards different Bacillus thuringiensis strains. PLoS Pathogens, 2020, 16, e1008826.	2.1	22
33	Mitochondrial damage-associated inflammation highlights biomarkers in PRKN/PINK1 parkinsonism. Brain, 2020, 143, 3041-3051.	3.7	105
34	Circulating levels of soluble Dipeptidylpeptidase-4 are reduced in human subjects hospitalized for severe COVID-19 infections. International Journal of Obesity, 2020, 44, 2335-2338.	1.6	34
35	Activating Transcription Factor 6 Mediates Inflammatory Signals in Intestinal Epithelial Cells Upon Endoplasmic Reticulum Stress. Gastroenterology, 2020, 159, 1357-1374.e10.	0.6	73
36	Longitudinal Multi-omics Analyses Identify Responses of Megakaryocytes, Erythroid Cells, and Plasmablasts as Hallmarks of Severe COVID-19. Immunity, 2020, 53, 1296-1314.e9.	6.6	278

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37	Low-Avidity CD4+ T Cell Responses to SARS-CoV-2 in Unexposed Individuals and Humans with Severe COVID-19. Immunity, 2020, 53, 1258-1271.e5.	6.6	255
38	LifeTime and improving European healthcare through cell-based interceptive medicine. Nature, 2020, 587, 377-386.	13.7	108
39	Severe COVID-19 Is Marked by a Dysregulated Myeloid Cell Compartment. Cell, 2020, 182, 1419-1440.e23.	13.5	1,162
40	Stem Cells and Organoid Technology in Precision Medicine in Inflammation: Are We There Yet?. Frontiers in Immunology, 2020, 11, 573562.	2.2	13
41	A high-fat diet induces a microbiota-dependent increase in stem cell activity in the Drosophila intestine. PLoS Genetics, 2020, 16, e1008789.	1.5	26
42	Reply. Gastroenterology, 2020, 158, 1512-1513.	0.6	0
43	Stage IV Colorectal Cancer Patients with High Risk Mutation Profiles Survived 16 Months Longer with Individualized Therapies. Cancers, 2020, 12, 393.	1.7	3
44	FAMIN Is a Multifunctional Purine Enzyme Enabling the Purine Nucleotide Cycle. Cell, 2020, 180, 278-295.e23.	13.5	42
45	NOD2 Influences Trajectories of Intestinal Microbiota Recovery After Antibiotic Perturbation. Cellular and Molecular Gastroenterology and Hepatology, 2020, 10, 365-389.	2.3	19
46	Dietary lipids fuel GPX4-restricted enteritis resembling Crohnâ€™s disease. Nature Communications, 2020, 11, 1775.	5.8	143
47	Title is missing!. , 2020, 16, e1008826.		0
48	Title is missing!. , 2020, 16, e1008826.		0
49	Title is missing!. , 2020, 16, e1008826.		0
50	Title is missing!. , 2020, 16, e1008826.		0
51	Linear isoforms of the long noncoding RNA CDKN2B-AS1 regulate the c-myc-enhancer binding factor RBMS1. European Journal of Human Genetics, 2019, 27, 80-89.	1.4	35
52	Temperature and insulin signaling regulate body size in Hydra by the Wnt and TGF-beta pathways. Nature Communications, 2019, 10, 3257.	5.8	27
53	Pseudomonas aeruginosa populations in the cystic fibrosis lung lose susceptibility to newly applied Î²-lactams within 3 days. Journal of Antimicrobial Chemotherapy, 2019, 74, 2916-2925.	1.3	17
54	Dietary tryptophan links encephalogenicity of autoreactive T cells with gut microbial ecology. Nature Communications, 2019, 10, 4877.	5.8	69

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55	Prdx4 limits caspaseâ€1 activation and restricts inflammasomeâ€mediated signaling by extracellular vesicles. EMBO Journal, 2019, 38, e101266.	3.5	27
56	The Inducible Response of the Nematode Caenorhabditis elegans to Members of Its Natural Microbiota Across Development and Adult Life. Frontiers in Microbiology, 2019, 10, 1793.	1.5	26
57	Interferon Lambda Promotes Paneth Cell Death Via STAT1 Signaling in Mice and Is Increased in Inflamed Ileal Tissues of Patients With Crohnâ€™s Disease. Gastroenterology, 2019, 157, 1310-1322.e13.	0.6	63
58	Comparative analysis of amplicon and metagenomic sequencing methods reveals key features in the evolution of animal metaorganisms. Microbiome, 2019, 7, 133.	4.9	141
59	A Phage Protein Aids Bacterial Symbionts in Eukaryote Immune Evasion. Cell Host and Microbe, 2019, 26, 542-550.e5.	5.1	94
60	Metabolic Functions of Gut Microbes Associate With Efficacy ofÂTumor Necrosis Factor Antagonists in Patients With Inflammatory Bowel Diseases. Gastroenterology, 2019, 157, 1279-1292.e11.	0.6	180
61	Missense variants in NOX1 and p22phox in a case of very-early-onset inflammatory bowel disease are functionally linked to NOD2. Journal of Physical Education and Sports Management, 2019, 5, a002428.	0.5	13
62	Fate-Mapping of GM-CSF Expression Identifies a Discrete Subset of Inflammation-Driving T Helper Cells Regulated by Cytokines IL-23 and IL-1Î². Immunity, 2019, 50, 1289-1304.e6.	6.6	163
63	aFold â€“ using polynomial uncertainty modelling for differential gene expression estimation from RNA sequencing data. BMC Genomics, 2019, 20, 364.	1.2	9
64	Epithelial endoplasmic reticulum stress orchestrates a protective IgA response. Science, 2019, 363, 993-998.	6.0	51
65	Tethering soluble meprin Î± in an enzyme complex to the cell surface affects IBDâ€associated genes. FASEB Journal, 2019, 33, 7490-7504.	0.2	20
66	The metabolic network coherence of human transcriptomes is associated with genetic variation at the cadherin 18 locus. Human Genetics, 2019, 138, 375-388.	1.8	6
67	A multi-parent recombinant inbred line population of C. elegans allows identification of novel QTLs for complex life history traits. BMC Biology, 2019, 17, 24.	1.7	40
68	Genomic and transcriptomic changes complement each other in the pathogenesis of sporadic Burkitt lymphoma. Nature Communications, 2019, 10, 1459.	5.8	99
69	Experimental evolution of immunological specificity. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 20598-20604.	3.3	49
70	Host-Microbe Interactions in the Chemosynthetic Riftia pachyptila Symbiosis. MBio, 2019, 10, .	1.8	38
71	The Microbiota Promotes Arterial Thrombosis in Low-Density Lipoprotein Receptor-Deficient Mice. MBio, 2019, 10, .	1.8	50
72	Epithelial RNase H2 Maintains Genome Integrity and Prevents Intestinal Tumorigenesis in Mice. Gastroenterology, 2019, 156, 145-159.e19.	0.6	46

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73	The genomic basis of Red Queen dynamics during rapid reciprocal hostâ€“pathogen coevolution. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 923-928.	3.3	102
74	Segregational Drift and the Interplay between Plasmid Copy Number and Evolvability. Molecular Biology and Evolution, 2019, 36, 472-486.	3.5	46
75	DNA methylation defines regional identity of human intestinal epithelial organoids and undergoes dynamic changes during development. Gut, 2019, 68, 49-61.	6.1	116
76	Vedolizumab is associated with changes in innate rather than adaptive immunity in patients with inflammatory bowel disease. Gut, 2019, 68, 25-39.	6.1	160
77	Autophagy: A Novel Mechanism Involved in the Anti-Inflammatory Abilities of Probiotics. Cellular Physiology and Biochemistry, 2019, 53, 774-793.	1.1	14
78	Evolutionary stability of collateral sensitivity to antibiotics in the model pathogen Pseudomonas aeruginosa. ELife, 2019, 8, .	2.8	59
79	Inflammatory Bowel Disease and Epigenetics. , 2019, , 183-201.		1
80	ADAM17 is required for EGF-Râ€“induced intestinal tumors via IL-6 trans-signaling. Journal of Experimental Medicine, 2018, 215, 1205-1225.	4.2	63
81	Systems Medicine in Chronic Inflammatory Diseases. Immunity, 2018, 48, 608-613.	6.6	26
82	Exposure to the gut microbiota drives distinct methylome and transcriptome changes in intestinal epithelial cells during postnatal development. Genome Medicine, 2018, 10, 27.	3.6	117
83	The antibiotic resistome and microbiota landscape of refugees from Syria, Iraq and Afghanistan in Germany. Microbiome, 2018, 6, 37.	4.9	21
84	Differences between BCL2-break positive and negative follicular lymphoma unraveled by whole-exome sequencing. Leukemia, 2018, 32, 685-693.	3.3	29
85	DNA Methylation and Transcription Patterns in Intestinal Epithelial Cells From Pediatric Patients With Inflammatory BowelÂDiseases Differentiate Disease Subtypes and Associate With Outcome. Gastroenterology, 2018, 154, 585-598.	0.6	226
86	Targeted Microbiome Intervention by Microencapsulated Delayed-Release Niacin Beneficially Affects Insulin Sensitivity in Humans. Diabetes Care, 2018, 41, 398-405.	4.3	69
87	A dietary flavone confers communicable protection against colitis through NLRP6 signaling independently of inflammasome activation. Mucosal Immunology, 2018, 11, 811-819.	2.7	55
88	Impact of red and processed meat and fibre intake on treatment outcomes among patients with chronic inflammatory diseases: protocol for a prospective cohort study of prognostic factors and personalised medicine. BMJ Open, 2018, 8, e018166.	0.8	15
89	A Drosophila model of cigarette smoke induced COPD identifies Nrf2 signaling as an expedient target for intervention. Aging, 2018, 10, 2122-2135.	1.4	22
90	Integrative analysis of single-cell expression data reveals distinct regulatory states in bidirectional promoters. Epigenetics and Chromatin, 2018, 11, 66.	1.8	6

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91	Fecal SCFAs and SCFAâ€producing bacteria in gut microbiome of human NAFLD as a putative link to systemic Tâ€cell activation and advanced disease. United European Gastroenterology Journal, 2018, 6, 1496-1507.	1.6	190
92	ATG16L1 orchestrates interleukin-22 signaling in the intestinal epithelium via cGASâ€“STING. Journal of Experimental Medicine, 2018, 215, 2868-2886.	4.2	122
93	Grow With the Challenge â€“ Microbial Effects on Epithelial Proliferation, Carcinogenesis, and Cancer Therapy. Frontiers in Microbiology, 2018, 9, 2020.	1.5	26
94	RNA based individualized drug selection in breast cancer patients without patient-matched normal tissue. Oncotarget, 2018, 9, 32362-32372.	0.8	1
95	Cellular hysteresis as a principle to maximize the efficacy of antibiotic therapy. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9767-9772.	3.3	81
96	A Novel Eukaryotic Denitrification Pathway in Foraminifera. Current Biology, 2018, 28, 2536-2543.e5.	1.8	75
97	Reply. Gastroenterology, 2018, 154, 2275-2276.	0.6	1
98	Evaluation of interleukin-6 and its soluble receptor components sIL-6R and sgp130 as markers of inflammation in inflammatory bowel diseases. International Journal of Colorectal Disease, 2018, 33, 927-936.	1.0	34
99	Neonatal selection by Toll-like receptor 5 influences long-term gut microbiota composition. Nature, 2018, 560, 489-493.	13.7	153
100	The enhanced susceptibility of ADAM-17 hypomorphic mice to DSS-induced colitis is not ameliorated by loss of RIPK3, revealing an unexpected function of ADAM-17 in necroptosis. Oncotarget, 2018, 9, 12941-12958.	0.8	9
101	Defective ATG16L1-mediated removal of IRE1Î± drives Crohnâ€™s diseaseâ€“like ileitis. Journal of Experimental Medicine, 2017, 214, 401-422.	4.2	141
102	Uncoupling of mucosal gene regulation, mRNA splicing and adherent microbiota signatures in inflammatory bowel disease. Gut, 2017, 66, 2087-2097.	6.1	81
103	The Dark Age(ing) of the Inflammasome. Immunity, 2017, 46, 173-175.	6.6	5
104	Role of CCL20 mediated immune cell recruitment in NF-Î²B mediated TRAIL resistance of pancreatic cancer. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 782-796.	1.9	32
105	Genome-wide association analysis for chronic venous disease identifies EFEMP1 and KCNH8 as susceptibility loci. Scientific Reports, 2017, 7, 45652.	1.6	48
106	Muramyl Dipeptide-Based Postbiotics Mitigate Obesity-Induced Insulin Resistance via IRF4. Cell Metabolism, 2017, 25, 1063-1074.e3.	7.2	149
107	Genetic interplay between human longevity and metabolic pathways â€” a largeâ€scale <scp>eQTL</scp> study. Aging Cell, 2017, 16, 716-725.	3.0	14
108	Efficacy of Sterile Fecal Filtrate Transfer for Treating Patients With Clostridium difficile Infection. Gastroenterology, 2017, 152, 799-811.e7.	0.6	498

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109	The resilience of the intestinal microbiota influences health and disease. Nature Reviews Microbiology, 2017, 15, 630-638.	13.6	696
110	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.	0.5	14
111	Hypothalamic Inflammation in Human Obesity Is Mediated by Environmental and Genetic Factors. Diabetes, 2017, 66, 2407-2415.	0.3	117
112	Alternative Evolutionary Paths to Bacterial Antibiotic Resistance Cause Distinct Collateral Effects. Molecular Biology and Evolution, 2017, 34, 2229-2244.	3.5	133
113	Oral immune priming with Bacillus thuringiensis induces a shift in the gene expression of Tribolium castaneum larvae. BMC Genomics, 2017, 18, 329.	1.2	61
114	Highly potent host external immunity acts as a strong selective force enhancing rapid parasite virulence evolution. Environmental Microbiology, 2017, 19, 2090-2100.	1.8	11
115	Increased Tryptophan Metabolism Is Associated With Activity of Inflammatory Bowel Diseases. Gastroenterology, 2017, 153, 1504-1516.e2.	0.6	338
116	Complete genome sequence of the nematicidal Bacillus thuringiensis MYBT18247. Journal of Biotechnology, 2017, 260, 48-52.	1.9	8
117	Microbiomarkers in inflammatory bowel diseases: caveats come with caviar. Gut, 2017, 66, 1734-1738.	6.1	47
118	Regulated proteolysis as an element of ER stress and autophagy: Implications for intestinal inflammation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 2183-2190.	1.9	11
119	A comprehensive, cell specific microRNA catalogue of human peripheral blood. Nucleic Acids Research, 2017, 45, 9290-9301.	6.5	159
120	Identification and characterization of two functional variants in the human longevity gene FOXO3. Nature Communications, 2017, 8, 2063.	5.8	69
121	Mucus Detachment by Host Metalloprotease Meprin Î² Requires Shedding of Its Inactive Pro-form, which Is Abrogated by the Pathogenic Protease RgpB. Cell Reports, 2017, 21, 2090-2103.	2.9	31
122	Anti-Tnf Therapy Systematically Influences Intestinal Microbial Community Structure in Chronic Inflammatory Diseases. Gastroenterology, 2017, 152, S993-S994.	0.6	0
123	Combining transcription factor binding affinities with open-chromatin data for accurate gene expression prediction. Nucleic Acids Research, 2017, 45, 54-66.	6.5	112
124	Interpreting whole genome and exome sequencing data of individual gastric cancer samples. BMC Genomics, 2017, 18, 517.	1.2	11
125	A Proposal for a Study on Treatment Selection and Lifestyle Recommendations in Chronic Inflammatory Diseases: A Danish Multidisciplinary Collaboration on Prognostic Factors and Personalised Medicine. Nutrients, 2017, 9, 499.	1.7	24
126	Multigenerational Influences of the Fut2 Gene on the Dynamics of the Gut Microbiota in Mice. Frontiers in Microbiology, 2017, 8, 991.	1.5	20

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127	An improved filtering algorithm for big read datasets and its application to single-cell assembly. BMC Bioinformatics, 2017, 18, 324.	1.2	14
128	Cancer-associated mutations in the canonical cleavage site do not influence CD99 shedding by the metalloprotease meprin Î² but alter cell migration in vitro. Oncotarget, 2017, 8, 54873-54888.	0.8	13
129	ABSSeq: a new RNA-Seq analysis method based on modelling absolute expression differences. BMC Genomics, 2016, 17, 541.	1.2	31
130	GATA transcription factor as a likely key regulator of the Caenorhabditis elegans innate immune response against gut pathogens. Zoology, 2016, 119, 244-253.	0.6	34
131	NLRC3 is an inhibitory sensor of PI3Kâ€“mTOR pathways in cancer. Nature, 2016, 540, 583-587.	13.7	160
132	Distinct metabolic network states manifest in the gene expression profiles of pediatric inflammatory bowel disease patients and controls. Scientific Reports, 2016, 6, 32584.	1.6	17
133	Alterations of microRNA and microRNA-regulated messenger RNA expression in germinal center B-cell lymphomas determined by integrative sequencing analysis. Haematologica, 2016, 101, 1380-1389.	1.7	43
134	Sa2004 Biological Therapy Modulates Gut Microbiota - A Longitudinal Study Across Chronic Inflammatory Diseases. Gastroenterology, 2016, 150, S429-S430.	0.6	0
135	Contrasting invertebrate immune defense behaviors caused by a single gene, the Caenorhabditis elegans neuropeptide receptor gene npr-1. BMC Genomics, 2016, 17, 280.	1.2	52
136	A shell regeneration assay to identify biomineralization candidate genes in mytilid mussels. Marine Genomics, 2016, 27, 57-67.	0.4	46
137	Nod2-mediated recognition of the microbiota is critical for mucosal adjuvant activity of cholera toxin. Nature Medicine, 2016, 22, 524-530.	15.2	94
138	432 ATG16L1 and XBP1 Coordinate Interleukin 22 Dependent Signals in Intestinal Epithelium. Gastroenterology, 2016, 150, S90.	0.6	0
139	Enterococcus hirae and Barnesiella intestinihominis Facilitate Cyclophosphamide-Induced Therapeutic Immunomodulatory Effects. Immunity, 2016, 45, 931-943.	6.6	645
140	Genome-wide association analysis identifies variation in vitamin D receptor and other host factors influencing the gut microbiota. Nature Genetics, 2016, 48, 1396-1406.	9.4	533
141	Biophysical and Population Genetic Models Predict the Presence of â€œPhantomâ€•Stepping Stones Connecting Mid-Atlantic Ridge Vent Ecosystems. Current Biology, 2016, 26, 2257-2267.	1.8	69
142	IL-23 induced in keratinocytes by endogenous TLR4 ligands polarizes dendritic cells to drive IL-22 responses to skin immunization. Journal of Experimental Medicine, 2016, 213, 2147-2166.	4.2	79
143	Epithelial IL-23R Signaling Licenses Protective IL-22 Responses in Intestinal Inflammation. Cell Reports, 2016, 16, 2208-2218.	2.9	89
144	Epigenetic dynamics of monocyte-to-macrophage differentiation. Epigenetics and Chromatin, 2016, 9, 33.	1.8	73

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145	Classic IL-6R signalling is dispensable for intestinal epithelial proliferation and repair. Oncogenesis, 2016, 5, e270-e270.	2.1	27
146	Epigenomic Profiling of Human CD4+ T Cells Supports a Linear Differentiation Model and Highlights Molecular Regulators of Memory Development. Immunity, 2016, 45, 1148-1161.	6.6	174
147	The International Human Epigenome Consortium: A Blueprint for Scientific Collaboration and Discovery. Cell, 2016, 167, 1145-1149.	13.5	404
148	Sequence variation between 462 human individuals fine-tunes functional sites of RNA processing. Scientific Reports, 2016, 6, 32406.	1.6	28
149	IL-27 Induced by SelectCandidaspp. via TLR7/NOD2 Signaling and IFN-Î² Production Inhibits Fungal Clearance. Journal of Immunology, 2016, 197, 208-221.	0.4	33
150	Association between clinical antibiotic resistance and susceptibility ofPseudomonasin the cystic fibrosis lung. Evolution, Medicine and Public Health, 2016, 2016, 182-194.	1.1	34
151	Tu1483 Role of CCL20 in TRAIL Resistance of Pancreatic Cancer. Gastroenterology, 2016, 150, S913-S914.	0.6	0
152	Tu2068 The Ribonuclease RNaseH2b Controls Intestinal Stem Cell Integrity. Gastroenterology, 2016, 150, S1015.	0.6	0
153	Genome-wide rare copy number variation screening in ulcerative colitis identifies potential susceptibility loci. BMC Medical Genetics, 2016, 17, 26.	2.1	14
154	The native microbiome of the nematode Caenorhabditis elegans: gateway to a new host-microbiome model. BMC Biology, 2016, 14, 38.	1.7	330
155	Geographical patterns of the standing and active human gut microbiome in health and IBD. Gut, 2016, 65, 238-248.	6.1	143
156	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
157	Concentration of circulating miRNA-containing particles in serum enhances miRNA detection and reflects CRC tissue-related deregulations. Oncotarget, 2016, 7, 75353-75365.	0.8	15
158	The PCBP1 gene encoding poly(rc) binding protein i is recurrently mutated in <scp>B</scp>urkitt lymphoma. Genes Chromosomes and Cancer, 2015, 54, 555-564.	1.5	29
159	Abundant toxin-related genes in the genomes of beneficial symbionts from deep-sea hydrothermal vent mussels. ELife, 2015, 4, e07966.	2.8	50
160	Widespread disruption of host transcription termination in HSV-1 infection. Nature Communications, 2015, 6, 7126.	5.8	245
161	Evolutionary Transition from Pathogenicity to Commensalism: Global Regulator Mutations Mediate Fitness Gains through Virulence Attenuation. Molecular Biology and Evolution, 2015, 32, 2883-2896.	3.5	52
162	Overlapping and unique signatures in the proteomic and transcriptomic responses of the nematode Caenorhabditis elegans toward pathogenic Bacillus thuringiensis. Developmental and Comparative Immunology, 2015, 51, 1-9.	1.0	49

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163	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.	9.4	190
164	Diversification of memory B cells drives the continuous adaptation of secretory antibodies to gut microbiota. Nature Immunology, 2015, 16, 880-888.	7.0	192
165	Dynamic changes of the luminal and mucosa-associated gut microbiota during and after antibiotic therapy with paromomycin. Gut Microbes, 2015, 6, 243-254.	4.3	82
166	Genetic Evidence for PLASMINOGEN as a Shared Genetic Risk Factor of Coronary Artery Disease and Periodontitis. Circulation: Cardiovascular Genetics, 2015, 8, 159-167.	5.1	74
167	Effect of predicted protein-truncating genetic variants on the human transcriptome. Science, 2015, 348, 666-669.	6.0	252
168	DNA methylome analysis in Burkitt and follicular lymphomas identifies differentially methylated regions linked to somatic mutation and transcriptional control. Nature Genetics, 2015, 47, 1316-1325.	9.4	119
169	MINCR is a MYC-induced lncRNA able to modulate MYCâ€™s transcriptional network in Burkitt lymphoma cells. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5261-70.	3.3	91
170	XIAP variants in male Crohn's disease. Gut, 2015, 64, 66-76.	6.1	133
171	Characteristic changes in microbial community composition and expression of innate immune genes in acute appendicitis. Innate Immunity, 2015, 21, 30-41.	1.1	21
172	Hostâ€“Pathogen Coevolution: The Selective Advantage of Bacillus thuringiensis Virulence and Its Cry Toxin Genes. PLoS Biology, 2015, 13, e1002169.	2.6	69
173	Abstract B114: c-Rel is a critical mediator of NF-Î²B dependent TRAIL resistance of pancreatic cancer cells. , 2015, , .		0
174	Identification of Blut, a Novel Long-Noncoding RNA Differentially Expressed in Burkitt Lymphoma. Blood, 2015, 126, 3875-3875.	0.6	0
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