Andrew Y Koh

List of Publications by Year
in descending order

53 papers	3,305 citations	331670 21 h-index	189892 50 g-index
58 all docs	58 docs citations	58 times ranked	5586 citing authors

#	Article	IF	Citations
1	Association between Antibiotic Exposure and Systemic Immune Parameters in Cancer Patients Receiving Checkpoint Inhibitor Therapy. Cancers, 2022, 14, 1327.	3.7	9
2	Dosing a synbiotic of human milk oligosaccharides and B.Âinfantis leads to reversible engraftment in healthy adult microbiomes without antibiotics. Cell Host and Microbe, 2022, 30, 712-725.e7.	11.0	32
3	A Bayesian zero-inflated negative binomial regression model for the integrative analysis of microbiome data. Biostatistics, 2021, 22, 522-540.	1.5	17
4	Unbiased Microbiome and Metabolomic Profiling of Fecal Samples from Patients with Melanoma. Methods in Molecular Biology, 2021, 2265, 461-474.	0.9	4
5	MetaPrism: A versatile toolkit for joint taxa/gene analysis of metagenomic sequencing data. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	1
6	A trimethoprim derivative impedes antibiotic resistance evolution. Nature Communications, 2021, 12, 2949.	12.8	41
7	The Antibiotic Efflux Protein TolC Is a Highly Evolvable Target under Colicin E1 or TLS Phage Selection. Molecular Biology and Evolution, 2021, 38, 4493-4504.	8.9	13
8	The microbial and host factors that govern Candida gastrointestinal colonization and dissemination. Current Opinion in Microbiology, 2021, 63, 29-35.	5.1	8
9	Candida albicans Isolates 529L and CHN1 Exhibit Stable Colonization of the Murine Gastrointestinal Tract. MBio, 2021, 12, e0287821.	4.1	21
10	The gut microbiota in transplant patients. Blood Reviews, 2020, 39, 100614.	5.7	24
11	Reduced anti-inflammatory gut microbiota are associated with depression and anhedonia. Journal of Affective Disorders, 2020, 266, 394-401.	4.1	73
12	Transient neonatal antibiotic exposure increases susceptibility to late-onset sepsis driven by microbiota-dependent suppression of type 3 innate lymphoid cells. Scientific Reports, 2020, 10, 12974.	3.3	23
13	Transcriptional profiling identifies caspase-1 as a T cellâ€“intrinsic regulator of Th17 differentiation. Journal of Experimental Medicine, 2020, 217, .	8.5	15
14	HARMONIES: A Hybrid Approach for Microbiome Networks Inference via Exploiting Sparsity. Frontiers in Genetics, 2020, 11, 445.	2.3	12
15	The gut microbiome and thromboembolism. Thrombosis Research, 2020, 189, 77-87.	1.7	41
16	A comparison of small bowel and fecal microbiota in children with short bowel syndrome. Journal of Pediatric Surgery, 2020, 55, 878-882.	1.6	6
17	The Impact of Lactobacillus Probiotics on the Gut Microbiota in Children With Short Bowel Syndrome. Journal of Surgical Research, 2020, 251, 112-118.	1.6	18
18	The Cancer Microbiome: Distinguishing Direct and Indirect Effects Requires a Systemic View. Trends in Cancer, 2020, 6, 192-204.	7.4	162

#	Article	IF	Citations
19	VAMPr: VAriant Mapping and Prediction of antibiotic resistance via explainable features and machine learning. PLoS Computational Biology, 2020, 16, e1007511.	3.2	50
20	Non-antibiotic Small-Molecule Regulation of DHFR-Based Destabilizing Domains InÂVivo. Molecular Therapy - Methods and Clinical Development, 2019, 15, 27-39.	4.1	13
21	MAdCAM-1-Mediated Intestinal Lymphocyte Homing Is Critical for the Development of Active Experimental Autoimmune Encephalomyelitis. Frontiers in Immunology, 2019, 10, 903.	4.8	17
22	Rapid ultrasensitive detection platform for antimicrobial susceptibility testing. PLoS Biology, 2019, 17, e3000291.	5.6	17
23	Cancer Immune Checkpoint Inhibitor Therapy and the Gut Microbiota. Integrative Cancer Therapies, 2019, 18, 153473541984637.	2.0	48
24	2571. Norovirus Infection and Gut Microbiota in Transplant Recipients. Open Forum Infectious Diseases, 2019, 6, S893-S893.	0.9	0
25	The Microbiome and Hematopoietic Cell Transplantation: Past, Present, and Future. Biology of Blood and Marrow Transplantation, 2018, 24, 1322-1340.	2.0	85
26	Food for Gut: Microbiota Fuels Immune Reconstitution after BMT. Cell Host and Microbe, 2018, 23, 423-424.	11.0	2
27	Precision editing of the gut microbiota ameliorates colitis. Nature, 2018, 553, 208-211.	27.8	377
28	Adaptation of Candida albicans During Gastrointestinal Tract Colonization. Current Clinical Microbiology Reports, 2018, 5, 165-172.	3.4	18
29	Antibiotic-Induced Depletion of Anti-inflammatory Clostridia Is Associated with the Development of Graft-versus-Host Disease in Pediatric Stem Cell Transplantation Patients. Biology of Blood and Marrow Transplantation, 2017, 23, 820-829.	2.0	130
30	Metagenomic Shotgun Sequencing and Unbiased Metabolomic Profiling Identify Specific Human Gut Microbiota and Metabolites Associated with Immune Checkpoint Therapy Efficacy in Melanoma Patients. Neoplasia, 2017, 19, 848-855.	5.3	475
31	Potential for Monitoring Gut Microbiota for Diagnosing Infections and Graft-versus-Host Disease in Cancer and Stem Cell Transplant Patients. Clinical Chemistry, 2017, 63, 1685-1694.	3.2	7
32	Severe Gut Microbiota Dysbiosis Is Associated With Poor Growth in Patients With Short Bowel Syndrome. Journal of Parenteral and Enteral Nutrition, 2017, 41, 1202-1212.	2.6	58
33	The microbiome in hematopoietic stem cell transplant recipients and cancer patients: Opportunities for clinical advances that reduce infection. PLoS Pathogens, 2017, 13, e1006342.	4.7	13
34	The complexities of bacterial-fungal interactions in the mammalian gastrointestinal tract. Microbial Cell, 2016, 3, 191-195.	3.2	5
35	FMAP: Functional Mapping and Analysis Pipeline for metagenomics and metatranscriptomics studies. BMC Bioinformatics, 2016, 17, 420.	2.6	98
36	Identifying host immune effectors critical for protection againstCandida albicansinfections. Virulence, 2016, 7, 745-747.	4.4	4

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37	Activation of HIF-1Î± and LL-37 by commensal bacteria inhibits Candida albicans colonization. Nature Medicine, 2015, 21, 808-814.	30.7	333
38	Candida albicans Inhibits Pseudomonas aeruginosa Virulence through Suppression of Pyochelin and Pyoverdine Biosynthesis. PLoS Pathogens, 2015, 11, e1005129.	4.7	111
39	Gastrointestinal Colonization of Fungi. Current Fungal Infection Reports, 2013, 7, 144-151.	2.6	14
40	Murine Models of Candida Gastrointestinal Colonization and Dissemination. Eukaryotic Cell, 2013, 12, 1416-1422.	3.4	108
41	Collaboration Between Macrophages and Vaccine-Induced CD4+ T Cells Confers Protection Against Lethal Pseudomonas aeruginosa Pneumonia During Neutropenia. Journal of Infectious Diseases, 2013, 207, 39-49.	4.0	21
42	Intravenous Pentamidine Is Safe and Effective as Primary Pneumocystis Pneumonia Prophylaxis in Children and Adolescents Undergoing Hematopoietic Stem Cell Transplantation. Pediatric Infectious Disease Journal, 2013, 32, 933-936.	2.0	27
43	Fever and Granulocytopenia. , 2012, , 567-573.e4.		0
44	Infections in Children with Cancer. , 2012, , 573-579.e3.		0
45	RNA Isolation of Pseudomonas aeruginosa Colonizing the Murine Gastrointestinal Tract. Journal of Visualized Experiments, 2011, , .	0.3	7
46	Utility of In Vivo Transcription Profiling for Identifying Pseudomonas aeruginosa Genes Needed for Gastrointestinal Colonization and Dissemination. PLoS ONE, 2010, 5, e15131.	2.5	19
47	Analysis of Acquisition ofPseudomonas aeruginosaGastrointestinal Mucosal Colonization and Horizontal Transmission in a Murine Model. Journal of Infectious Diseases, 2010, 201, 71-80.	4.0	17
48	Inescapable Need for Neutrophils as Mediators of Cellular Innate Immunity to Acute Pseudomonas aeruginosa Pneumonia. Infection and Immunity, 2009, 77, 5300-5310.	2.2	148
49	Inactivation of the rhlA gene in Pseudomonas aeruginosa prevents rhamnolipid production, disabling the protection against polymorphonuclear leukocytes. Apmis, 2009, 117, 537-546.	2.0	177
50	Mucosal Damage and Neutropenia Are Required for Candida albicans Dissemination. PLoS Pathogens, 2008, 4, e35.	4.7	299
51	Virulence of Pseudomonas aeruginosa in a Murine Model of Gastrointestinal Colonization and Dissemination in Neutropenia. Infection and Immunity, 2005, 73, 2262-2272.	2.2	67
52	Empirical Oral Antibiotic Therapy for Low Risk Febrile Cancer Patients with Neutropenia. Cancer Investigation, 2002, 20, 420-433.	1.3	15
53	Neonatal jaundice, Animal-induced injuries, and Immunizations. Current Opinion in Pediatrics, 2000, 12, 413-425.	2.0	3