

Andrew Y Koh

List of Publications by Year in descending order

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Version: 2024-02-01

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	Metagenomic Shotgun Sequencing and Unbiased Metabolomic Profiling Identify Specific Human Gut Microbiota and Metabolites Associated with Immune Checkpoint Therapy Efficacy in Melanoma Patients. <i>Neoplasia</i> , 2017, 19, 848-855.	5.3	475
2	Precision editing of the gut microbiota ameliorates colitis. <i>Nature</i> , 2018, 553, 208-211.	27.8	377
3	Activation of HIF-1 α and LL-37 by commensal bacteria inhibits <i>Candida albicans</i> colonization. <i>Nature Medicine</i> , 2015, 21, 808-814.	30.7	333
4	Mucosal Damage and Neutropenia Are Required for <i>Candida albicans</i> Dissemination. <i>PLoS Pathogens</i> , 2008, 4, e35.	4.7	299
5	Inactivation of the <i>rhlA</i> gene in <i>Pseudomonas aeruginosa</i> prevents rhamnolipid production, disabling the protection against polymorphonuclear leukocytes. <i>Apmis</i> , 2009, 117, 537-546.	2.0	177
6	The Cancer Microbiome: Distinguishing Direct and Indirect Effects Requires a Systemic View. <i>Trends in Cancer</i> , 2020, 6, 192-204.	7.4	162
7	Inescapable Need for Neutrophils as Mediators of Cellular Innate Immunity to Acute <i>Pseudomonas aeruginosa</i> Pneumonia. <i>Infection and Immunity</i> , 2009, 77, 5300-5310.	2.2	148
8	Antibiotic-Induced Depletion of Anti-inflammatory Clostridia Is Associated with the Development of Graft-versus-Host Disease in Pediatric Stem Cell Transplantation Patients. <i>Biology of Blood and Marrow Transplantation</i> , 2017, 23, 820-829.	2.0	130
9	<i>Candida albicans</i> Inhibits <i>Pseudomonas aeruginosa</i> Virulence through Suppression of Pyochelin and Pyoverdine Biosynthesis. <i>PLoS Pathogens</i> , 2015, 11, e1005129.	4.7	111
10	Murine Models of <i>Candida</i> Gastrointestinal Colonization and Dissemination. <i>Eukaryotic Cell</i> , 2013, 12, 1416-1422.	3.4	108
11	FMAP: Functional Mapping and Analysis Pipeline for metagenomics and metatranscriptomics studies. <i>BMC Bioinformatics</i> , 2016, 17, 420.	2.6	98
12	The Microbiome and Hematopoietic Cell Transplantation: Past, Present, and Future. <i>Biology of Blood and Marrow Transplantation</i> , 2018, 24, 1322-1340.	2.0	85
13	Reduced anti-inflammatory gut microbiota are associated with depression and anhedonia. <i>Journal of Affective Disorders</i> , 2020, 266, 394-401.	4.1	73
14	Virulence of <i>Pseudomonas aeruginosa</i> in a Murine Model of Gastrointestinal Colonization and Dissemination in Neutropenia. <i>Infection and Immunity</i> , 2005, 73, 2262-2272.	2.2	67
15	Severe Gut Microbiota Dysbiosis Is Associated With Poor Growth in Patients With Short Bowel Syndrome. <i>Journal of Parenteral and Enteral Nutrition</i> , 2017, 41, 1202-1212.	2.6	58
16	VAMPr: VARIant Mapping and Prediction of antibiotic resistance via explainable features and machine learning. <i>PLoS Computational Biology</i> , 2020, 16, e1007511.	3.2	50
17	Cancer Immune Checkpoint Inhibitor Therapy and the Gut Microbiota. <i>Integrative Cancer Therapies</i> , 2019, 18, 153473541984637.	2.0	48
18	The gut microbiome and thromboembolism. <i>Thrombosis Research</i> , 2020, 189, 77-87.	1.7	41

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19	A trimethoprim derivative impedes antibiotic resistance evolution. <i>Nature Communications</i> , 2021, 12, 2949.	12.8	41
20	Dosing a synbiotic of human milk oligosaccharides and <i>B.Ânfantis</i> leads to reversible engraftment in healthy adult microbiomes without antibiotics. <i>Cell Host and Microbe</i> , 2022, 30, 712-725.e7.	11.0	32
21	Intravenous Pentamidine Is Safe and Effective as Primary <i>Pneumocystis Pneumonia</i> Prophylaxis in Children and Adolescents Undergoing Hematopoietic Stem Cell Transplantation. <i>Pediatric Infectious Disease Journal</i> , 2013, 32, 933-936.	2.0	27
22	The gut microbiota in transplant patients. <i>Blood Reviews</i> , 2020, 39, 100614.	5.7	24
23	Transient neonatal antibiotic exposure increases susceptibility to late-onset sepsis driven by microbiota-dependent suppression of type 3 innate lymphoid cells. <i>Scientific Reports</i> , 2020, 10, 12974.	3.3	23
24	Collaboration Between Macrophages and Vaccine-Induced CD4+ T Cells Confers Protection Against Lethal <i>Pseudomonas aeruginosa</i> Pneumonia During Neutropenia. <i>Journal of Infectious Diseases</i> , 2013, 207, 39-49.	4.0	21
25	<i>Candida albicans</i> Isolates 529L and CHN1 Exhibit Stable Colonization of the Murine Gastrointestinal Tract. <i>MBio</i> , 2021, 12, e0287821.	4.1	21
26	Utility of In Vivo Transcription Profiling for Identifying <i>Pseudomonas aeruginosa</i> Genes Needed for Gastrointestinal Colonization and Dissemination. <i>PLoS ONE</i> , 2010, 5, e15131.	2.5	19
27	Adaptation of <i>Candida albicans</i> During Gastrointestinal Tract Colonization. <i>Current Clinical Microbiology Reports</i> , 2018, 5, 165-172.	3.4	18
28	The Impact of <i>Lactobacillus</i> Probiotics on the Gut Microbiota in Children With Short Bowel Syndrome. <i>Journal of Surgical Research</i> , 2020, 251, 112-118.	1.6	18
29	Analysis of Acquisition of <i>Pseudomonas aeruginosa</i> Gastrointestinal Mucosal Colonization and Horizontal Transmission in a Murine Model. <i>Journal of Infectious Diseases</i> , 2010, 201, 71-80.	4.0	17
30	MAdCAM-1-Mediated Intestinal Lymphocyte Homing Is Critical for the Development of Active Experimental Autoimmune Encephalomyelitis. <i>Frontiers in Immunology</i> , 2019, 10, 903.	4.8	17
31	Rapid ultrasensitive detection platform for antimicrobial susceptibility testing. <i>PLoS Biology</i> , 2019, 17, e3000291.	5.6	17
32	A Bayesian zero-inflated negative binomial regression model for the integrative analysis of microbiome data. <i>Biostatistics</i> , 2021, 22, 522-540.	1.5	17
33	Empirical Oral Antibiotic Therapy for Low Risk Febrile Cancer Patients with Neutropenia. <i>Cancer Investigation</i> , 2002, 20, 420-433.	1.3	15
34	Transcriptional profiling identifies caspase-1 as a T cellâ€intrinsic regulator of Th17 differentiation. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	15
35	Gastrointestinal Colonization of Fungi. <i>Current Fungal Infection Reports</i> , 2013, 7, 144-151.	2.6	14
36	The microbiome in hematopoietic stem cell transplant recipients and cancer patients: Opportunities for clinical advances that reduce infection. <i>PLoS Pathogens</i> , 2017, 13, e1006342.	4.7	13

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37	Non-antibiotic Small-Molecule Regulation of DHFR-Based Destabilizing Domains In Vivo. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019, 15, 27-39.	4.1	13
38	The Antibiotic Efflux Protein TolC Is a Highly Evolvable Target under Colicin E1 or TLS Phage Selection. <i>Molecular Biology and Evolution</i> , 2021, 38, 4493-4504.	8.9	13
39	HARMONIES: A Hybrid Approach for Microbiome Networks Inference via Exploiting Sparsity. <i>Frontiers in Genetics</i> , 2020, 11, 445.	2.3	12
40	Association between Antibiotic Exposure and Systemic Immune Parameters in Cancer Patients Receiving Checkpoint Inhibitor Therapy. <i>Cancers</i> , 2022, 14, 1327.	3.7	9
41	The microbial and host factors that govern <i>Candida</i> gastrointestinal colonization and dissemination. <i>Current Opinion in Microbiology</i> , 2021, 63, 29-35.	5.1	8
42	RNA Isolation of <i>Pseudomonas aeruginosa</i> Colonizing the Murine Gastrointestinal Tract. <i>Journal of Visualized Experiments</i> , 2011, , .	0.3	7
43	Potential for Monitoring Gut Microbiota for Diagnosing Infections and Graft-versus-Host Disease in Cancer and Stem Cell Transplant Patients. <i>Clinical Chemistry</i> , 2017, 63, 1685-1694.	3.2	7
44	A comparison of small bowel and fecal microbiota in children with short bowel syndrome. <i>Journal of Pediatric Surgery</i> , 2020, 55, 878-882.	1.6	6
45	The complexities of bacterial-fungal interactions in the mammalian gastrointestinal tract. <i>Microbial Cell</i> , 2016, 3, 191-195.	3.2	5
46	Identifying host immune effectors critical for protection against <i>Candida albicans</i> infections. <i>Virulence</i> , 2016, 7, 745-747.	4.4	4
47	Unbiased Microbiome and Metabolomic Profiling of Fecal Samples from Patients with Melanoma. <i>Methods in Molecular Biology</i> , 2021, 2265, 461-474.	0.9	4
48	Neonatal jaundice, Animal-induced injuries, and Immunizations. <i>Current Opinion in Pediatrics</i> , 2000, 12, 413-425.	2.0	3
49	Food for Gut: Microbiota Fuels Immune Reconstitution after BMT. <i>Cell Host and Microbe</i> , 2018, 23, 423-424.	11.0	2
50	MetaPrism: A versatile toolkit for joint taxa/gene analysis of metagenomic sequencing data. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	1
51	2571. Norovirus Infection and Gut Microbiota in Transplant Recipients. <i>Open Forum Infectious Diseases</i> , 2019, 6, S893-S893.	0.9	0
52	Fever and Granulocytopenia. , 2012, , 567-573.e4.		0
53	Infections in Children with Cancer. , 2012, , 573-579.e3.		0