Louise M Judd

List of Publications by Year
in descending order

78 papers	12,546 citations	87723 38 h-index	74018 75 g-index
109 all docs	109 docs citations	109 times ranked	15395 citing authors

#	Article	IF	Citations
1	Broadening our Understanding of the Immune Landscape in Lynch Syndrome. Gastroenterology, 2022, 162, 1024-1025.	0.6	3
2	Species interactions constrain adaptation and preserve ecological stability in an experimental microbial community. ISME Journal, 2022, 16, 1442-1452.	4.4	23
3	A curated collection of Klebsiella metabolic models reveals variable substrate usage and gene essentiality. Genome Research, 2022, , .	2.4	10
4	Kaptive 2.0: updated capsule and lipopolysaccharide locus typing for the Klebsiella pneumoniae species complex. Microbial Genomics, 2022, 8, .	1.0	52
5	Whole genome sequence analysis of Salmonella Typhi in Papua New Guinea reveals an established population of genotype 2.1.7 sensitive to antimicrobials. PLoS Neglected Tropical Diseases, 2022, 16, e0010306.	1.3	6
6	Linear plasmids in Klebsiella and other Enterobacteriaceae. Microbial Genomics, 2022, 8, .	1.0	3
7	Transmission of Klebsiella strains and plasmids within and between greyâ€headed flying fox colonies. Environmental Microbiology, 2022, 24, 4425-4436.	1.8	3
8	Genomic dissection of Klebsiella pneumoniae infections in hospital patients reveals insights into an opportunistic pathogen. Nature Communications, 2022, 13, .	5.8	51
9	Developmental patterns in the nasopharyngeal microbiome during infancy are associated with asthma risk. Journal of Allergy and Clinical Immunology, 2021, 147, 1683-1691.	1.5	61
10	Silent spread of mobile colistin resistance gene mcr-9.1 on IncHI2 â€˜superplasmidsâ€™ in clinical carbapenem-resistant Enterobacterales. Clinical Microbiology and Infection, 2021, 27, 1856.e7-1856.e13.	2.8	37
11	Klebsiella MALDI TypeR: a web-based tool for Klebsiella identification based on MALDI-TOF mass spectrometry. Research in Microbiology, 2021, 172, 103835.	1.0	9
12	Block, Blood or Both? Outcomes, Opportunities, and Barriers in Colorectal Cancer Universal Testing. Clinical Gastroenterology and Hepatology, 2021, , .	2.4	0
13	Genomic surveillance of antimicrobial resistant bacterial colonisation and infection in intensive care patients. BMC Infectious Diseases, 2021, 21, 683.	1.3	18
14	Genomic Diversity and Antimicrobial Resistance of Haemophilus Colonizing the Airways of Young Children with Cystic Fibrosis. MSystems, 2021, 6, e0017821.	1.7	4
15	Recovery of small plasmid sequences via Oxford Nanopore sequencing. Microbial Genomics, 2021, 7, .	1.0	44
16	wMel Wolbachia genome remains stable after 7 years in Australian Aedes aegypti field populations. Microbial Genomics, 2021, 7, .	1.0	9
17	Trycycler: consensus long-read assemblies for bacterial genomes. Genome Biology, 2021, 22, 266.	3.8	175
18	Novel strains of Klebsiella africana and Klebsiella pneumoniae in Australian fruit bats (Pteropus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.0	8

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19	Microbiome profiling reveals gut dysbiosis in a transgenic mouse model of Huntington's disease. Neurobiology of Disease, 2020, 135, 104268.	2.1	118
20	Genomic surveillance for hypervirulence and multi-drug resistance in invasive Klebsiella pneumoniae from South and Southeast Asia. Genome Medicine, 2020, 12, 11.	3.6	178
21	The inflated mitochondrial genomes of siphonous green algae reflect processes driving expansion of noncoding DNA and proliferation of introns. PeerJ, 2020, 8, e8273.	0.9	21
22	Z/I1 Hybrid Virulence Plasmids Carrying Antimicrobial Resistance genes in S. Typhimurium from Australian Food Animal Production. Microorganisms, 2019, 7, 299.	1.6	7
23	Performance of neural network basecalling tools for Oxford Nanopore sequencing. Genome Biology, 2019, 20, 129.	3.8	1,971
24	Distinct evolutionary dynamics of horizontal gene transfer in drug resistant and virulent clones of Klebsiella pneumoniae. PLoS Genetics, 2019, 15, e1008114.	1.5	228
25	Convergence of virulence and MDR in a single plasmid vector in MDR Klebsiella pneumoniae ST15. Journal of Antimicrobial Chemotherapy, 2019, 74, 1218-1222.	1.3	93
26	Complete Genome Sequence of A388, an Antibiotic-Resistant Acinetobacter baumannii Global Clone 1 Isolate from Greece. Microbiology Resource Announcements, 2019, 8, .	0.3	16
27	Emergence and rapid global dissemination of CTX-M-15-associatedKlebsiella pneumoniaestrain ST307. Journal of Antimicrobial Chemotherapy, 2019, 74, 577-581.	1.3	137
28	Small IncQ1 and Col-Like Plasmids Harboring bla _{KPC-2} and Non-Tn 4401 Elements (NTE _{KPC} -IId) in High-Risk Lineages of Klebsiella pneumoniae CG258. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	27
29	Overexpression of IL-11 promotes premalignant gastric epithelial hyperplasia in isolation from germline gp130-JAK-STAT driver mutations. American Journal of Physiology - Renal Physiology, 2019, 316, G251-G262.	1.6	11
30	Insights from the revised complete genome sequences of Acinetobacter baumannii strains AB307-0294 and ACICU belonging to global clones 1 and 2. Microbial Genomics, 2019, 5, .	1.0	12
31	Antimicrobial-Resistant Klebsiella pneumoniae Carriage and Infection in Specialized Geriatric Care Wards Linked to Acquisition in the Referring Hospital. Clinical Infectious Diseases, 2018, 67, 161-170.	2.9	108
32	Genetic diversity, mobilisation and spread of the yersiniabactin-encoding mobile element ICEKp in Klebsiella pneumoniae populations. Microbial Genomics, 2018, 4, .	1.0	197
33	Deepbinner: Demultiplexing barcoded Oxford Nanopore reads with deep convolutional neural networks. PLoS Computational Biology, 2018, 14, e1006583.	1.5	171
34	Tracking key virulence loci encoding aerobactin and salmochelin siderophore synthesis in Klebsiella pneumoniae. Genome Medicine, 2018, 10, 77.	3.6	153
35	Airway Microbiota Dynamics Uncover a Critical Window for Interplay of Pathogenic Bacteria and Allergy in Childhood Respiratory Disease. Cell Host and Microbe, 2018, 24, 341-352.e5.	5.1	146
36	Population genomics of hypervirulent Klebsiella pneumoniae clonal-group 23 reveals early emergence and rapid global dissemination. Nature Communications, 2018, 9, 2703.	5.8	205

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37	Evolution of carbapenem resistance in Acinetobacter baumannii during a prolonged infection. Microbial Genomics, 2018, 4, .	1.0	49
38	Protease-activated Receptor 1 Plays a Proinflammatory Role in Colitis by Promoting Th17-related Immunity. Inflammatory Bowel Diseases, 2017, 23, 593-602.	0.9	27
39	Completing bacterial genome assemblies with multiplex MinION sequencing. Microbial Genomics, 2017, 3, e000132.	1.0	559
40	Unicycler: Resolving bacterial genome assemblies from short and long sequencing reads. PLoS Computational Biology, 2017, 13, e1005595.	1.5	5,135
41	Altered gp130 signalling ameliorates experimental colitis via myeloid cell-specific STAT3 activation and myeloid-derived suppressor cells. Scientific Reports, 2016, 6, 20584.	1.6	23
42	The MUC1 mucin protects againstHelicobacter pyloripathogenesis in mice by regulation of the NLRP3 inflammasome. Gut, 2016, 65, 1087-1099.	6.1	95
43	Loss of gastrokine-2 drives premalignant gastric inflammation and tumor progression. Journal of Clinical Investigation, 2016, 126, 1383-1400.	3.9	40
44	STAT3: a critical component in the response toHelicobacter pyloriinfection. Cellular Microbiology, 2015, 17, 1570-1582.	1.1	27
45	TFF2 deficiency exacerbates weight loss and alters immune cell and cytokine profiles in DSS colitis, and this cannot be rescued by wild-type bone marrow. American Journal of Physiology - Renal Physiology, 2015, 308, G12-G24.	1.6	18
46	IL33 Is a Stomach Alarmin That Initiates a Skewed Th2 Response to Injury and Infection. Cellular and Molecular Gastroenterology and Hepatology, 2015, 1, 203-221.e3.	2.3	67
47	IL-1RT1 signaling antagonizes IL-11 induced STAT3 dependent cardiac and antral stomach tumor development through myeloid cell enrichment. Oncotarget, 2015, 6, 679-695.	0.8	5
48	RUNX3 methylation and anti-tumor immunity. Oncoscience, 2015, 2, 789-790.	0.9	2
49	Inhibition of the JAK2/STAT3 Pathway Reduces Gastric Cancer Growth In Vitro and In Vivo. PLoS ONE, 2014, 9, e95993.	1.1	77
50	IL-11 is a parietal cell cytokine that induces atrophic gastritis. Gut, 2012, 61, 1398-1409.	6.1	42
51	Targeting STAT3 in gastric cancer. Expert Opinion on Therapeutic Targets, 2012, 16, 889-901.	1.5	82
52	Helicobacter pylori CagA Triggers Expression of the Bactericidal Lectin REG3Î³ via Gastric STAT3 Activation. PLoS ONE, 2012, 7, e30786.	1.1	58
53	Inactivation of IL11 Signaling Causes Craniosynostosis, Delayed Tooth Eruption, and Supernumerary Teeth. American Journal of Human Genetics, 2011, 89, 67-81.	2.6	164
54	Random mutagenesis of the mouse genome: a strategy for discovering gene function and the molecular basis of disease. American Journal of Physiology - Renal Physiology, 2011, 300, G1-G11.	1.6	20

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55	A33 antigen-deficient mice have defective colonic mucosal repair. Inflammatory Bowel Diseases, 2010, 16, 604-612.	0.9	26
56	Helicobacter pylori Infection Promotes Methylation and Silencing of Trefoil Factor 2, Leading to Gastric Tumor Development in Mice and Humans. Gastroenterology, 2010, 139, 2005-2017.	0.6	133
57	Loss of RegI in conjunction with gastrin deficiency in mice facilitates efficient gastric ulcer healing but is dispensable for hyperplasia and tumourigenesis. Regulatory Peptides, 2010, 160, 9-18.	1.9	5
58	Cytokine signalling by gp130 regulates gastric mucosal healing after ulceration and, indirectly, antral tumour progression. Journal of Pathology, 2009, 217, 552-562.	2.1	12
59	The Interleukin-6 Family Cytokine Interleukin-11 Regulates Homeostatic Epithelial Cell Turnover and Promotes Gastric Tumor Development. Gastroenterology, 2009, 136, 967-977.e3.	0.6	79
60	Genetic Models of Gastric Cancer in the Mouse. , 2009, , 483-512.		1
61	STAT3 Activation Regulates Growth, Inflammation, and Vascularization in a Mouse Model of Gastric Tumorigenesis. Gastroenterology, 2006, 131, 1073-1085.	0.6	117
62	Gastric achlorhydria in H/K-ATPase-deficient (Atp4a(-/-)) mice causes severe hyperplasia, mucocystic metaplasia and upregulation of growth factors. Journal of Gastroenterology and Hepatology (Australia), 2005, 20, 1266-1278.	1.4	54
63	Hyperactivation of Stat3 in gp130 mutant mice promotes gastric hyperproliferation and desensitizes TGF-Î² signaling. Nature Medicine, 2005, 11, 845-852.	15.2	284
64	Differential Regulation of Gastric Tumor Growth by Cytokines That Signal Exclusively Through the Coreceptor gp130. Gastroenterology, 2005, 129, 1005-1018.	0.6	57
65	Growth factors associated with gastric mucosal hypertrophy in autoimmune gastritis. American Journal of Physiology - Renal Physiology, 2004, 287, G910-G918.	1.6	15
66	Mice with a Targeted Disruption of the AE2 Clâ^'/HCO3â^' Exchanger Are Achlorhydric. Journal of Biological Chemistry, 2004, 279, 30531-30539.	1.6	129
67	Abnormal Paneth cell granule dissolution and compromised resistance to bacterial colonization in the intestine of CF mice. American Journal of Physiology - Renal Physiology, 2004, 286, G1050-G1058.	1.6	57
68	Gastric cancer development in mice lacking the SHP2 binding site on the IL-6 family co-receptor gp130. Gastroenterology, 2004, 126, 196-207.	0.6	163
69	TFF-2 inhibits iNOS/NO in monocytes, and nitrated protein in healing colon after colitis. Peptides, 2004, 25, 803-809.	1.2	27
70	Insights into the Mechanisms of Gastric Adaptation to Aspirin-Induced Injury: A Role for Regenerating Protein but Not Trefoil Peptides. Laboratory Investigation, 2003, 83, 1415-1425.	1.7	14
71	Impaired Renal NaCl Absorption in Mice Lacking the ROMK Potassium Channel, a Model for Type II Bartter's Syndrome. Journal of Biological Chemistry, 2002, 277, 37871-37880.	1.6	160
72	Immunopathogenesis, loss of T cell tolerance and genetics of autoimmune gastritis. Autoimmunity Reviews, 2002, 1, 290-297.	2.5	36

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73	The unique ultrastructure of secretory membranes in gastric parietal cells depends upon the presence of H + , K + -ATPase. Cell and Tissue Research, 2002, 309, 369-380.	1.5	20
74	Insights Into the Cell Biology, Development and Pathology of the Gastric Mucosa Revealed in Gastric H/K ATPase and Gastrin-Deficient Mice. , 2002, , 147-157.		0
75	Regulation of gastric epithelial cell development revealed in H+/K+-ATPase Î²-subunit- and gastrin-deficient mice. American Journal of Physiology - Renal Physiology, 2001, 281, G1502-G1511.	1.6	57
76	Requirements for autoimmune responses to mouse gastric autoantigens. Immunology, 2001, 104, 392-401.	2.0	1
77	Autoimmune gastritis results in disruption of gastric epithelial cell development. American Journal of Physiology - Renal Physiology, 1999, 277, G209-G218.	1.6	42
78	Gastric H+, K+-adenosine triphosphatase Î² subunit is required for normal function, development, and membrane structure of mouse parietal cells. Gastroenterology, 1999, 117, 605-618.	0.6	136