David Skurnik

List of Publications by Year
in descending order

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54 papers	5,648 citations	126858 33 h-index	168321 53 g-index
57 all docs	57 docs citations	57 times ranked	9255 citing authors

#	Article	IF	Citations
1	The population genetics of commensal Escherichia coli. Nature Reviews Microbiology, 2010, 8, 207-217.	13.6	1,104
2	Fungal microbiota dysbiosis in IBD. Gut, 2017, 66, 1039-1048.	6.1	939
3	Parallel bacterial evolution within multiple patients identifies candidate pathogenicity genes. Nature Genetics, 2011, 43, 1275-1280.	9.4	356
4	Coronavirus Disease 2019 Pandemic: Impact Caused by School Closure and National Lockdown on Pediatric Visits and Admissions for Viral and Nonviral Infectionsâ€"a Time Series Analysis. Clinical Infectious Diseases, 2021, 72, 319-322.	2.9	237
5	Identification of forces shaping the commensal Escherichia coli genetic structure by comparing animal and human isolates. Environmental Microbiology, 2006, 8, 1975-1984.	1.8	201
6	Effect of human vicinity on antimicrobial resistance and integrons in animal faecal Escherichia coli. Journal of Antimicrobial Chemotherapy, 2006, 57, 1215-1219.	1.3	189
7	A Comprehensive Analysis of In Vitro and In Vivo Genetic Fitness of Pseudomonas aeruginosa Using High-Throughput Sequencing of Transposon Libraries. PLoS Pathogens, 2013, 9, e1003582.	2.1	178
8	NADPH Oxidase 1 Modulates WNT and NOTCH1 Signaling To Control the Fate of Proliferative Progenitor Cells in the Colon. Molecular and Cellular Biology, 2010, 30, 2636-2650.	1.1	175
9	Antibody to a conserved antigenic target is protective against diverse prokaryotic and eukaryotic pathogens. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2209-18.	3.3	152
10	Enhanced in vivo fitness of carbapenem-resistant oprD mutants of Pseudomonas aeruginosa revealed through high-throughput sequencing. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20747-20752.	3.3	128
11	Fitness cost of antibiotic susceptibility during bacterial infection. Science Translational Medicine, 2015, 7, 297ra114.	5.8	122
12	CD16 promotes Escherichia coli sepsis through an FcRÎ³ inhibitory pathway that prevents phagocytosis and facilitates inflammation. Nature Medicine, 2007, 13, 1368-1374.	15.2	118
13	Identification of Poly-N-acetylglucosamine as a Major Polysaccharide Component of the Bacillus subtilis Biofilm Matrix. Journal of Biological Chemistry, 2015, 290, 19261-19272.	1.6	118
14	Integron-Associated Antibiotic Resistance and Phylogenetic Grouping of Escherichia coli Isolates from Healthy Subjects Free of Recent Antibiotic Exposure. Antimicrobial Agents and Chemotherapy, 2005, 49, 3062-3065.	1.4	115
15	COVID-19 is a systemic vascular hemopathy: insight for mechanistic and clinical aspects. Angiogenesis, 2021, 24, 755-788.	3.7	114
16	Synthetic Î²-(1â†'6)-Linked N-Acetylated and Nonacetylated Oligoglucosamines Used To Produce Conjugate Vaccines for Bacterial Pathogens. Infection and Immunity, 2010, 78, 764-772.	1.0	104
17	Occurrence of antibiotic resistance and class 1, 2 and 3 integrons in Escherichia coli isolated from a densely populated estuary (Seine, France). FEMS Microbiology Ecology, 2009, 68, 118-130.	1.3	100
18	Organic and conventional fruits and vegetables contain equivalent counts of Gramâ€negative bacteria expressing resistance to antibacterial agents. Environmental Microbiology, 2010, 12, 608-615.	1.8	97

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19	Commensal <scp>E</scp>scherichia coli strains in <scp>G</scp>uiana reveal a high genetic diversity with hostâ€dependant population structure. Environmental Microbiology Reports, 2013, 5, 49-57.	1.0	82
20	Emergence of Antimicrobial-ResistantEscherichia coliof Animal Origin Spreading in Humans. Molecular Biology and Evolution, 2016, 33, 898-914.	3.5	65
21	The Amino Acid Valine Is Secreted in Continuous-Flow Bacterial Biofilms. Journal of Bacteriology, 2008, 190, 264-274.	1.0	62
22	Emergence and Dissemination of Extendedâ€Spectrum Î²â€Lactamaseâ€“ProducingEscherichia coliin the Community: Lessons from the Study of a Remote and Controlled Population. Journal of Infectious Diseases, 2010, 202, 515-523.	1.9	60
23	Animal and human antibodies to distinct Staphylococcus aureus antigens mutually neutralize opsonic killing and protection in mice. Journal of Clinical Investigation, 2010, 120, 3220-3233.	3.9	57
24	Airway Fungal Colonization Compromises the Immune System Allowing Bacterial Pneumonia to Prevail. Critical Care Medicine, 2013, 41, e191-e199.	0.4	54
25	Is exposure to mercury a driving force for the carriage of antibiotic resistance genes?. Journal of Medical Microbiology, 2010, 59, 804-807.	0.7	51
26	Biofilm Formation by and Thermal Niche and Virulence Characteristics of Escherichia spp. Applied and Environmental Microbiology, 2011, 77, 2695-2700.	1.4	51
27	Targeting Pan-Resistant Bacteria With Antibodies to a Broadly Conserved Surface Polysaccharide Expressed During Infection. Journal of Infectious Diseases, 2012, 205, 1709-1718.	1.9	49
28	Natural Antibodies in Normal Human Serum Inhibit Staphylococcus aureus Capsular Polysaccharide Vaccine Efficacy. Clinical Infectious Diseases, 2012, 55, 1188-1197.	2.9	49
29	Intermediate Mutation Frequencies Favor Evolution of Multidrug Resistance in Escherichia coli. Genetics, 2005, 171, 825-827.	1.2	47
30	Impact of Implementing National Guidelines on Antibiotic Prescriptions for Acute Respiratory Tract Infections in Pediatric Emergency Departments: An Interrupted Time Series Analysis. Clinical Infectious Diseases, 2017, 65, 1469-1476.	2.9	46
31	The exceptionally broad-based potential of active and passive vaccination targeting the conserved microbial surface polysaccharide PNAG. Expert Review of Vaccines, 2016, 15, 1041-1053.	2.0	44
32	Characteristics of human intestinal Escherichia coli with changing environments. Environmental Microbiology, 2008, 10, 2132-2137.	1.8	43
33	Development of ertapenem resistance in a patient with mediastinitis caused by Klebsiella pneumoniae producing an extended-spectrum Î²-lactamase. Journal of Medical Microbiology, 2010, 59, 115-119.	0.7	41
34	Antibiotic resistance and virulence: Understanding the link and its consequences for prophylaxis and therapy. BioEssays, 2016, 38, 682-693.	1.2	38
35	Evidence for large-scale gene-by-smoking interaction effects on pulmonary function. International Journal of Epidemiology, 2017, 46, dyw318.	0.9	36
36	Genetic effects on the commensal microbiota in inflammatory bowel disease patients. PLoS Genetics, 2019, 15, e1008018.	1.5	35

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37	Magic bullets for the 21st century: the reemergence of immunotherapy for multi- and pan-resistant microbes. Journal of Antimicrobial Chemotherapy, 2012, 67, 2785-2787.	1.3	32
38	Covariate selection for association screening in multiphenotype genetic studies. Nature Genetics, 2017, 49, 1789-1795.	9.4	27
39	Extended-spectrum antibodies protective against carbapenemase-producing Enterobacteriaceae. Journal of Antimicrobial Chemotherapy, 2016, 71, 927-935.	1.3	22
40	A Poly- N -Acetylglucosamineâ˜Shiga Toxin Broad-Spectrum Conjugate Vaccine for Shiga Toxin-Producing Escherichia coli. MBio, 2014, 5, e00974-14.	1.8	20
41	Emergence of Carbapenemâ€ResistantHafnia:The Fall of the Last Soldier. Clinical Infectious Diseases, 2010, 50, 1429-1431.	2.9	15
42	Clinical and virological responses to a broad-spectrum human monoclonal antibody in an influenza virus challenge study. Antiviral Research, 2020, 184, 104763.	1.9	13
43	Fall of Community-Acquired Pneumonia in Children following COVID-19 Non-Pharmaceutical Interventions: A Time Series Analysis. Pathogens, 2021, 10, 1375.	1.2	11
44	Randomized Controlled Trial of Parent Therapeutic Education on Antibiotics to Improve Parent Satisfaction and Attitudes in a Pediatric Emergency Department. PLoS ONE, 2013, 8, e75590.	1.1	10
45	Integrons and Antibiotic Resistance in Phylogenetic Group B2Escherichia coli. Microbial Drug Resistance, 2009, 15, 173-178.	0.9	9
46	Common Pediatric Respiratory Infectious Diseases as Possible Early Predictor for New Wave of Severe Acute Respiratory Syndrome Coronavirus 2 Infections. Clinical Infectious Diseases, 2021, 73, 358-359.	2.9	8
47	Unexpected Lessons from the Coronavirus Disease 2019 Lockdowns in France: Low Impact of School Opening on Common Communicable Pediatric Airborne Diseases. Clinical Infectious Diseases, 2021, 73, e2830-e2832.	2.9	6
48	Immune Recognition of the Epidemic Cystic Fibrosis Pathogen Burkholderia dolosa. Infection and Immunity, 2017, 85, .	1.0	5
49	A qnr-plasmid allows aminoglycosides to induce SOS in Escherichia coli. ELife, 2022, 11, .	2.8	4
50	O-antigen targeted vaccines against E. coli may be useful in reducing morbidity, mortality and antimicrobial resistance. Clinical Infectious Diseases, 2021, , .	2.9	3
51	Rapid Adaptation of Antibiotic Therapy for Community-Acquired Peritonitis Using Direct Cultures on Antibiotic Agar Plates: Pilot Study. Surgical Infections, 2009, 10, 333-338.	0.7	2
52	Impact of Drug Resistance on Virulence and Fitness of Bacterial Pathogens. Critical Care Medicine, 2016, 44, e50-e51.	0.4	2
53	Histoire naturelle de la rÃ©sistance transfÃ©rable aux glycopeptides chez les entÃ©rocoques. Medecine/Sciences, 2008, 24, 13-17.	0.0	0
54	2134. Differential Changes in Breath Volatile Metabolites to Identify Carbapenem-Resistant Enterobacteriaceae (CRE) in a Murine Pneumonia Model. Open Forum Infectious Diseases, 2019, 6, S722-S723.	0.4	0