Pentti Huovinen

List of Publications by Year
in descending order

63 papers	5,472 citations	172207 29 h-index	118652 62 g-index
65 all docs	65 docs citations	65 times ranked	8705 citing authors

#	Article	IF	Citations
1	Time series analysis of the incidence of acute upper respiratory tract infections, COVID-19 and the use of antibiotics in Finland during the COVID-19 epidemic: a cohort study of 833 444 patients. BMJ Open, 2022, 12, e046490.	0.8	7
2	Vascular Adhesion Protein 1 Mediates Gut Microbial Flagellin-Induced Inflammation, Leukocyte Infiltration, and Hepatic Steatosis. Sci, 2021, 3, 13.	1.8	3
3	Maternal prenatal psychological distress and hair cortisol levels associate with infant fecal microbiota composition at 2.5 months of age. Psychoneuroendocrinology, 2020, 119, 104754.	1.3	40
4	Antibacterial activity of silver and titania nanoparticles on glass surfaces. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2019, 10, 015012.	0.7	8
5	Six-Week Endurance Exercise Alters Gut Metagenome That Is not Reflected in Systemic Metabolism in Over-weight Women. Frontiers in Microbiology, 2018, 9, 2323.	1.5	145
6	Impact of Antimicrobial Treatment for Acute Otitis Media on Carriage Dynamics of Penicillin-Susceptible and Penicillin-Nonsusceptible Streptococcus pneumoniae. Journal of Infectious Diseases, 2018, 218, 1356-1366.	1.9	13
7	Enterobacter cloacae administration induces hepatic damage and subcutaneous fat accumulation in high-fat diet fed mice. PLoS ONE, 2018, 13, e0198262.	1.1	22
8	Faecalibacterium prausnitzii treatment improves hepatic health and reduces adipose tissue inflammation in high-fat fed mice. ISME Journal, 2017, 11, 1667-1679.	4.4	179
9	Gut Microbiota Analysis Results Are Highly Dependent on the 16S rRNA Gene Target Region, Whereas the Impact of DNA Extraction Is Minor. Journal of Biomolecular Techniques, 2017, 28, 19-30.	0.8	130
10	Antimicrobial characterization of silver nanoparticle-coated surfaces by “touch test” method. Nanotechnology, Science and Applications, 2017, Volume 10, 137-145.	4.6	26
11	Comprehensive real-time epidemiological data from respiratory infections in Finland between 2010 and 2014 obtained from an automated and multianalyte mariPOCÂ® respiratory pathogen test. European Journal of Clinical Microbiology and Infectious Diseases, 2016, 35, 405-413.	1.3	15
12	Adipocytes as a Link Between Gut Microbiota-Derived Flagellin and Hepatocyte Fat Accumulation. PLoS ONE, 2016, 11, e0152786.	1.1	12
13	Role of Nasopharyngeal Bacteria and Respiratory Viruses in Acute Symptoms of Young Children. Pediatric Infectious Disease Journal, 2015, 34, 1056-1062.	1.1	21
14	Tollâ€like receptor 5 in obesity: The role of gut microbiota and adipose tissue inflammation. Obesity, 2015, 23, 581-590.	1.5	50
15	Detection of Group A Streptococcus from Pharyngeal Swab Samples by Bacterial Culture Is Challenged by a Novel mariPOC Point-of-Care Test. Journal of Clinical Microbiology, 2015, 53, 2079-2083.	1.8	17
16	Tackling antibiotic resistance: the environmental framework. Nature Reviews Microbiology, 2015, 13, 310-317.	13.6	1,612
17	The Microbiome Studies in Metabolic Diseases have Advanced but are Poorly Standardized and Lack a Mechanistic Perspective. Journal of Diabetes & Metabolism, 2015, 06, .	0.2	2
18	Cefotaxime-ResistantSalmonella entericain Travelers Returning from Thailand to Finland. Emerging Infectious Diseases, 2014, 20, 1214-1217.	2.0	18

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19	Fermentable fibres condition colon microbiota and promote diabetogenesis in NOD mice. Diabetologia, 2014, 57, 2183-2192.	2.9	35
20	European Antibiotic Awareness Day: a five-year perspective of Europe-wide actions to promote prudent use of antibiotics. Eurosurveillance, 2014, 19, .	3.9	30
21	Bacterial and viral interactions within the nasopharynx contribute to the risk of acute otitis media. Journal of Infection, 2013, 66, 247-254.	1.7	88
22	High-throughput screening of colonization samples for methicillin-resistant Staphylococcus aureus. Scandinavian Journal of Infectious Diseases, 2013, 45, 922-929.	1.5	5
23	Reply to â€œDisk Diffusion Method for Erythromycin and Ciprofloxacin Susceptibility Testing of Campylobacter jejuni and Campylobacter coliâ€• Journal of Clinical Microbiology, 2013, 51, 381-381.	1.8	1
24	Antimicrobial susceptibility testing of Streptococcus pneumoniae and Haemophilus influenzae â€“ Internal quality control as a quality tool on a national level. Apmis, 2013, 121, 561-568.	0.9	0
25	Inaccuracy of the Disk Diffusion Method Compared with the Agar Dilution Method for Susceptibility Testing of Campylobacter spp. Journal of Clinical Microbiology, 2012, 50, 52-56.	1.8	44
26	Association of Repeated Exposure to Antibiotics With the Development of Pediatric Crohn's Disease--A Nationwide, Register-based Finnish Case-Control Study. American Journal of Epidemiology, 2012, 175, 775-784.	1.6	158
27	Guideline for the management of acute sore throat. Clinical Microbiology and Infection, 2012, 18, 1-27.	2.8	210
28	Milk containing probiotic Lactobacillus rhamnosus GG and respiratory illness in children: a randomized, double-blind, placebo-controlled trial. European Journal of Clinical Nutrition, 2012, 66, 1020-1023.	1.3	90
29	Hand washing with soap and water together with behavioural recommendations prevents infections in common work environment: an open cluster-randomized trial. Trials, 2012, 13, 10.	0.7	44
30	Tackling antibiotic resistance. Nature Reviews Microbiology, 2011, 9, 894-896.	13.6	919
31	Evaluation of the TPX MRSA assay for the detection of methicillin-resistant Staphylococcus aureus. European Journal of Clinical Microbiology and Infectious Diseases, 2011, 30, 1237-1243.	1.3	7
32	Effects of a germ-free environment on gut immune regulation and diabetes progression in non-obese diabetic (NOD) mice. Diabetologia, 2011, 54, 1398-1406.	2.9	119
33	Ribosomal Mutations as the Main Cause of Macrolide Resistance in Campylobacter jejuni and Campylobacter coli. Antimicrobial Agents and Chemotherapy, 2011, 55, 5939-5941.	1.4	41
34	A Placebo-Controlled Trial of Antimicrobial Treatment for Acute Otitis Media. New England Journal of Medicine, 2011, 364, 116-126.	13.9	220
35	Comparison of Variable-Number Tandem-Repeat Markers typing and IS1245 Restriction Fragment Length Polymorphism fingerprinting of Mycobacterium avium subsp. hominissuis from human and porcine origins. Acta Veterinaria Scandinavica, 2010, 52, 21.	0.5	35
36	STOPFLU: is it possible to reduce the number of days off in office work by improved hand-hygiene?. Trials, 2010, 11, 69.	0.7	11

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37	In Vitro Activity of Azithromycin against Nontyphoidal Salmonella enterica. Antimicrobial Agents and Chemotherapy, 2010, 54, 3498-3501.	1.4	31
38	Antimicrobial Susceptibilities of Multidrug-Resistant Campylobacter jejuni and C. coli Strains: In Vitro Activities of 20 Antimicrobial Agents. Antimicrobial Agents and Chemotherapy, 2010, 54, 1232-1236.	1.4	69
39	Symptoms or Symptom-Based Scores Cannot Predict Acute Otitis Media at Otitis-Prone Age. Pediatrics, 2010, 125, e1154-e1161.	1.0	71
40	Prolonged impact of a one-week course of clindamycin on Enterococcus spp. in human normal microbiota. Scandinavian Journal of Infectious Diseases, 2009, 41, 215-219.	1.5	24
41	Reduced Fluoroquinolone Susceptibility inSalmonella entericaIsolates from Travelers, Finland. Emerging Infectious Diseases, 2009, 15, 809-812.	2.0	23
42	Methicillin-Resistant Staphylococcus aureus Screening by Online Immunometric Monitoring of Bacterial Growth under Selective Pressure. Antimicrobial Agents and Chemotherapy, 2009, 53, 5088-5094.	1.4	7
43	Mechanisms of Resistance in Nontyphoidal Salmonella enterica Strains Exhibiting a Nonclassical Quinolone Resistance Phenotype. Antimicrobial Agents and Chemotherapy, 2009, 53, 3832-3836.	1.4	68
44	Antibiotic susceptibility of faecal bacteria in Antarctic penguins. Polar Biology, 2008, 31, 759-763.	0.5	27
45	Detection and molecular genetics of extended-spectrum beta-lactamases among cefuroxime-resistant Escherichia coli and Klebsiella spp. isolates from Finland, 2002â€“2004. Scandinavian Journal of Infectious Diseases, 2007, 39, 417-424.	1.5	31
46	Reduction in fluoroquinolone susceptibility among non-typhoidal strains of Salmonella enterica isolated from Finnish patients. Journal of Antimicrobial Chemotherapy, 2006, 57, 569-572.	1.3	27
47	In vitro activities of 11 fluoroquinolones against 226 Campylobacter jejuni strains isolated from Finnish patients, with special reference to ciprofloxacin resistance. Journal of Antimicrobial Chemotherapy, 2005, 56, 1134-1138.	1.3	7
48	New Quinolone Resistance Phenomenon in Salmonella enterica : Nalidixic Acid-Susceptible Isolates with Reduced Fluoroquinolone Susceptibility. Journal of Clinical Microbiology, 2005, 43, 5775-5778.	1.8	37
49	Detection and Quantification of Macrolide Resistance Mutations at Positions 2058 and 2059 of the 23S rRNA Gene by Pyrosequencing. Antimicrobial Agents and Chemotherapy, 2005, 49, 457-460.	1.4	60
50	Disc diffusion susceptibility testing of Haemophilus influenzae by NCCLS methodology using low-strength ampicillin and co-amoxiclav discs. Journal of Antimicrobial Chemotherapy, 2004, 53, 660-663.	1.3	17
51	Multidrug resistance in Campylobacter jejuni strains collected from Finnish patients during 1995-2000. Journal of Antimicrobial Chemotherapy, 2003, 52, 1035-1039.	1.3	66
52	Fluoroquinolone Resistance inCampylobacter jejuniIsolates in Travelers Returning to Finland: Association of Ciprofloxacin Resistance to Travel Destination. Emerging Infectious Diseases, 2003, 9, 267-270.	2.0	72
53	Infrequent Isolation of MultiresistantAcinetobacter baumanniiFrom the Staff Tending a Colonized Patient With Severe Burns. Infection Control and Hospital Epidemiology, 2001, 22, 388-391.	1.0	13
54	How wild are wild mammals?. Nature, 2001, 409, 37-38.	13.7	115

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55	A between-Species Comparison of Antimicrobial Resistance in Enterobacteria in Fecal Flora. Antimicrobial Agents and Chemotherapy, 2000, 44, 1479-1484.	1.4	93
56	Detection of Decreased Fluoroquinolone Susceptibility in Salmonellas and Validation of Nalidixic Acid Screening Test. Journal of Clinical Microbiology, 1999, 37, 3572-3577.	1.8	157
57	Indication-based use of antimicrobials in Finnish primary health care: Description of a method for data collection and results of its application. Scandinavian Journal of Primary Health Care, 1999, 17, 93-99.	0.6	21
58	Clinical microbiology laboratories do not always detect resistance ofHaemophilus influenzaewith disk or tablet diffusion methods. Apmis, 1998, 106, 434-440.	0.9	2
59	Resistance to second- and third-generation cephalosporins among Escherichia coli and Klebsiella species is rare in Finland. Clinical Microbiology and Infection, 1997, 3, 408-413.	2.8	14
60	Multiresistance in Staphylococcus spp. blood isolates in Finland with special reference to the distribution of the mecA gene among the Staphylococcus epidermidis isolates. Apmis, 1995, 103, 885-891.	0.9	10
61	The emergence and mechanisms of trimethoprim resistance in Escherichia coli isolated from outpatients in Finland. Journal of Antimicrobial Chemotherapy, 1990, 25, 275-283.	1.3	24
62	Plasmid-Mediated beta-Lactamases among Aminoglycoside Resistant Gram-negative Bacilli. Scandinavian Journal of Infectious Diseases, 1989, 21, 303-309.	1.5	6
63	RELIABILITY OF A DISK DIFFUSION METHOD USING SEMICONFLUENT GROWTH IN THE DETERMINATION OF AMINOGLYCOSIDE RESISTANCE. Acta Pathologica, Microbiologica, Et Immunologica Scandinavica Section B, Microbiology, 1986, 94B, 153-157.	0.1	2