

# Pentti Huovinen

## List of Publications by Year in descending order

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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	Tackling antibiotic resistance: the environmental framework. <i>Nature Reviews Microbiology</i> , 2015, 13, 310-317.	13.6	1,612
2	Tackling antibiotic resistance. <i>Nature Reviews Microbiology</i> , 2011, 9, 894-896.	13.6	919
3	A Placebo-Controlled Trial of Antimicrobial Treatment for Acute Otitis Media. <i>New England Journal of Medicine</i> , 2011, 364, 116-126.	13.9	220
4	Guideline for the management of acute sore throat. <i>Clinical Microbiology and Infection</i> , 2012, 18, 1-27.	2.8	210
5	<i>Faecalibacterium prausnitzii</i> treatment improves hepatic health and reduces adipose tissue inflammation in high-fat fed mice. <i>ISME Journal</i> , 2017, 11, 1667-1679.	4.4	179
6	Association of Repeated Exposure to Antibiotics With the Development of Pediatric Crohn's Disease--A Nationwide, Register-based Finnish Case-Control Study. <i>American Journal of Epidemiology</i> , 2012, 175, 775-784.	1.6	158
7	Detection of Decreased Fluoroquinolone Susceptibility in Salmonellas and Validation of Nalidixic Acid Screening Test. <i>Journal of Clinical Microbiology</i> , 1999, 37, 3572-3577.	1.8	157
8	Six-Week Endurance Exercise Alters Gut Metagenome That Is not Reflected in Systemic Metabolism in Over-weight Women. <i>Frontiers in Microbiology</i> , 2018, 9, 2323.	1.5	145
9	Gut Microbiota Analysis Results Are Highly Dependent on the 16S rRNA Gene Target Region, Whereas the Impact of DNA Extraction Is Minor. <i>Journal of Biomolecular Techniques</i> , 2017, 28, 19-30.	0.8	130
10	Effects of a germ-free environment on gut immune regulation and diabetes progression in non-obese diabetic (NOD) mice. <i>Diabetologia</i> , 2011, 54, 1398-1406.	2.9	119
11	How wild are wild mammals?. <i>Nature</i> , 2001, 409, 37-38.	13.7	115
12	A between-Species Comparison of Antimicrobial Resistance in Enterobacteria in Fecal Flora. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 1479-1484.	1.4	93
13	Milk containing probiotic <i>Lactobacillus rhamnosus</i> GG and respiratory illness in children: a randomized, double-blind, placebo-controlled trial. <i>European Journal of Clinical Nutrition</i> , 2012, 66, 1020-1023.	1.3	90
14	Bacterial and viral interactions within the nasopharynx contribute to the risk of acute otitis media. <i>Journal of Infection</i> , 2013, 66, 247-254.	1.7	88
15	Fluoroquinolone Resistance in <i>Campylobacter jejuni</i> isolates in Travelers Returning to Finland: Association of Ciprofloxacin Resistance to Travel Destination. <i>Emerging Infectious Diseases</i> , 2003, 9, 267-270.	2.0	72
16	Symptoms or Symptom-Based Scores Cannot Predict Acute Otitis Media at Otitis-Prone Age. <i>Pediatrics</i> , 2010, 125, e1154-e1161.	1.0	71
17	Antimicrobial Susceptibilities of Multidrug-Resistant <i>Campylobacter jejuni</i> and <i>C. coli</i> Strains: In Vitro Activities of 20 Antimicrobial Agents. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 1232-1236.	1.4	69
18	Mechanisms of Resistance in Nontyphoidal <i>Salmonella enterica</i> Strains Exhibiting a Nonclassical Quinolone Resistance Phenotype. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 3832-3836.	1.4	68

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19	Multidrug resistance in <i>Campylobacter jejuni</i> strains collected from Finnish patients during 1995-2000. <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 52, 1035-1039.	1.3	66
20	Detection and Quantification of Macrolide Resistance Mutations at Positions 2058 and 2059 of the 23S rRNA Gene by Pyrosequencing. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 457-460.	1.4	60
21	Toll-like receptor 5 in obesity: The role of gut microbiota and adipose tissue inflammation. <i>Obesity</i> , 2015, 23, 581-590.	1.5	50
22	Inaccuracy of the Disk Diffusion Method Compared with the Agar Dilution Method for Susceptibility Testing of <i>Campylobacter</i> spp. <i>Journal of Clinical Microbiology</i> , 2012, 50, 52-56.	1.8	44
23	Hand washing with soap and water together with behavioural recommendations prevents infections in common work environment: an open cluster-randomized trial. <i>Trials</i> , 2012, 13, 10.	0.7	44
24	Ribosomal Mutations as the Main Cause of Macrolide Resistance in <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 5939-5941.	1.4	41
25	Maternal prenatal psychological distress and hair cortisol levels associate with infant fecal microbiota composition at 2.5 months of age. <i>Psychoneuroendocrinology</i> , 2020, 119, 104754.	1.3	40
26	New Quinolone Resistance Phenomenon in <i>Salmonella enterica</i> : Nalidixic Acid-Susceptible Isolates with Reduced Fluoroquinolone Susceptibility. <i>Journal of Clinical Microbiology</i> , 2005, 43, 5775-5778.	1.8	37
27	Comparison of Variable-Number Tandem-Repeat Markers typing and IS1245 Restriction Fragment Length Polymorphism fingerprinting of <i>Mycobacterium avium</i> subsp. <i>hominissuis</i> from human and porcine origins. <i>Acta Veterinaria Scandinavica</i> , 2010, 52, 21.	0.5	35
28	Fermentable fibres condition colon microbiota and promote diabetogenesis in NOD mice. <i>Diabetologia</i> , 2014, 57, 2183-2192.	2.9	35
29	Detection and molecular genetics of extended-spectrum beta-lactamases among cefuroxime-resistant <i>Escherichia coli</i> and <i>Klebsiella</i> spp. isolates from Finland, 2002-2004. <i>Scandinavian Journal of Infectious Diseases</i> , 2007, 39, 417-424.	1.5	31
30	In Vitro Activity of Azithromycin against Nontyphoidal <i>Salmonella enterica</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 3498-3501.	1.4	31
31	European Antibiotic Awareness Day: a five-year perspective of Europe-wide actions to promote prudent use of antibiotics. <i>Eurosurveillance</i> , 2014, 19, .	3.9	30
32	Reduction in fluoroquinolone susceptibility among non-typhoidal strains of <i>Salmonella enterica</i> isolated from Finnish patients. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 57, 569-572.	1.3	27
33	Antibiotic susceptibility of faecal bacteria in Antarctic penguins. <i>Polar Biology</i> , 2008, 31, 759-763.	0.5	27
34	Antimicrobial characterization of silver nanoparticle-coated surfaces by "touch test" method. <i>Nanotechnology, Science and Applications</i> , 2017, Volume 10, 137-145.	4.6	26
35	The emergence and mechanisms of trimethoprim resistance in <i>Escherichia coli</i> isolated from outpatients in Finland. <i>Journal of Antimicrobial Chemotherapy</i> , 1990, 25, 275-283.	1.3	24
36	Prolonged impact of a one-week course of clindamycin on <i>Enterococcus</i> spp. in human normal microbiota. <i>Scandinavian Journal of Infectious Diseases</i> , 2009, 41, 215-219.	1.5	24

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37	Reduced Fluoroquinolone Susceptibility in <i>Salmonella enterica</i> isolates from Travelers, Finland. <i>Emerging Infectious Diseases</i> , 2009, 15, 809-812.	2.0	23
38	<i>Enterobacter cloacae</i> administration induces hepatic damage and subcutaneous fat accumulation in high-fat diet fed mice. <i>PLoS ONE</i> , 2018, 13, e0198262.	1.1	22
39	Indication-based use of antimicrobials in Finnish primary health care: Description of a method for data collection and results of its application. <i>Scandinavian Journal of Primary Health Care</i> , 1999, 17, 93-99.	0.6	21
40	Role of Nasopharyngeal Bacteria and Respiratory Viruses in Acute Symptoms of Young Children. <i>Pediatric Infectious Disease Journal</i> , 2015, 34, 1056-1062.	1.1	21
41	Cefotaxime-Resistant <i>Salmonella enterica</i> in Travelers Returning from Thailand to Finland. <i>Emerging Infectious Diseases</i> , 2014, 20, 1214-1217.	2.0	18
42	Disc diffusion susceptibility testing of <i>Haemophilus influenzae</i> by NCCLS methodology using low-strength ampicillin and co-amoxiclav discs. <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 53, 660-663.	1.3	17
43	Detection of Group A <i>Streptococcus</i> from Pharyngeal Swab Samples by Bacterial Culture Is Challenged by a Novel mariPOC Point-of-Care Test. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2079-2083.	1.8	17
44	Comprehensive real-time epidemiological data from respiratory infections in Finland between 2010 and 2014 obtained from an automated and multianalyte mariPOC <sup>®</sup> respiratory pathogen test. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2016, 35, 405-413.	1.3	15
45	Resistance to second- and third-generation cephalosporins among <i>Escherichia coli</i> and <i>Klebsiella</i> species is rare in Finland. <i>Clinical Microbiology and Infection</i> , 1997, 3, 408-413.	2.8	14
46	Infrequent Isolation of Multiresistant <i>Acinetobacter baumannii</i> From the Staff Tending a Colonized Patient With Severe Burns. <i>Infection Control and Hospital Epidemiology</i> , 2001, 22, 388-391.	1.0	13
47	Impact of Antimicrobial Treatment for Acute Otitis Media on Carriage Dynamics of Penicillin-Susceptible and Penicillin-Nonsusceptible <i>Streptococcus pneumoniae</i> . <i>Journal of Infectious Diseases</i> , 2018, 218, 1356-1366.	1.9	13
48	Adipocytes as a Link Between Gut Microbiota-Derived Flagellin and Hepatocyte Fat Accumulation. <i>PLoS ONE</i> , 2016, 11, e0152786.	1.1	12
49	STOPFLU: is it possible to reduce the number of days off in office work by improved hand-hygiene?. <i>Trials</i> , 2010, 11, 69.	0.7	11
50	Multiresistance in <i>Staphylococcus</i> spp. blood isolates in Finland with special reference to the distribution of the <i>mecA</i> gene among the <i>Staphylococcus epidermidis</i> isolates. <i>Apmis</i> , 1995, 103, 885-891.	0.9	10
51	Antibacterial activity of silver and titania nanoparticles on glass surfaces. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2019, 10, 015012.	0.7	8
52	In vitro activities of 11 fluoroquinolones against 226 <i>Campylobacter jejuni</i> strains isolated from Finnish patients, with special reference to ciprofloxacin resistance. <i>Journal of Antimicrobial Chemotherapy</i> , 2005, 56, 1134-1138.	1.3	7
53	Methicillin-Resistant <i>Staphylococcus aureus</i> Screening by Online Immunometric Monitoring of Bacterial Growth under Selective Pressure. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 5088-5094.	1.4	7
54	Evaluation of the TPX MRSA assay for the detection of methicillin-resistant <i>Staphylococcus aureus</i> . <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2011, 30, 1237-1243.	1.3	7

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55	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. <i>BMJ Open</i> , 2022, 12, e046490.	0.8	7
56	Plasmid-Mediated beta-Lactamases among Aminoglycoside Resistant Gram-negative Bacilli. <i>Scandinavian Journal of Infectious Diseases</i> , 1989, 21, 303-309.	1.5	6
57	High-throughput screening of colonization samples for methicillin-resistant <i>Staphylococcus aureus</i> . <i>Scandinavian Journal of Infectious Diseases</i> , 2013, 45, 922-929.	1.5	5
58	Vascular Adhesion Protein 1 Mediates Gut Microbial Flagellin-Induced Inflammation, Leukocyte Infiltration, and Hepatic Steatosis. <i>Sci</i> , 2021, 3, 13.	1.8	3
59	Clinical microbiology laboratories do not always detect resistance of <i>Haemophilus influenzae</i> with disk or tablet diffusion methods. <i>Apmis</i> , 1998, 106, 434-440.	0.9	2
60	RELIABILITY OF A DISK DIFFUSION METHOD USING SEMICONFLUENT GROWTH IN THE DETERMINATION OF AMINOGLYCOSIDE RESISTANCE. <i>Acta Pathologica, Microbiologica, Et Immunologica Scandinavica Section B, Microbiology</i> , 1986, 94B, 153-157.	0.1	2
61	The Microbiome Studies in Metabolic Diseases have Advanced but are Poorly Standardized and Lack a Mechanistic Perspective. <i>Journal of Diabetes &amp; Metabolism</i> , 2015, 06, .	0.2	2
62	Reply to "Disk Diffusion Method for Erythromycin and Ciprofloxacin Susceptibility Testing of <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> ". <i>Journal of Clinical Microbiology</i> , 2013, 51, 381-381.	1.8	1
63	Antimicrobial susceptibility testing of <i>Streptococcus pneumoniae</i> and <i>Haemophilus influenzae</i> – Internal quality control as a quality tool on a national level. <i>Apmis</i> , 2013, 121, 561-568.	0.9	0