

Jukka T Mustonen

List of Publications by Year in descending order

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93
papers

3,055
citations

257357

24
h-index

168321

53
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95
all docs

95
docs citations

95
times ranked

2145
citing authors

#	ARTICLE	IF	CITATIONS
1	Hantavirus Infections in Europe. <i>Lancet Infectious Diseases</i> , The, 2003, 3, 653-661.	4.6	527
2	Uncovering the mysteries of hantavirus infections. <i>Nature Reviews Microbiology</i> , 2013, 11, 539-550.	13.6	393
3	Hantavirus infections in Europe and their impact on public health. <i>Reviews in Medical Virology</i> , 2013, 23, 35-49.	3.9	252
4	Genetic susceptibility to severe course of nephropathia epidemica caused by Puumala hantavirus. <i>Kidney International</i> , 1996, 49, 217-221.	2.6	162
5	Cytokines, Adhesion Molecules, and Cellular Infiltration in Nephropathia Epidemica Kidneys: An Immunohistochemical Study. <i>Clinical Immunology and Immunopathology</i> , 1996, 78, 47-55.	2.1	160
6	Nephropathia Epidemica in Finland: A Retrospective Study of 126 Cases. <i>Scandinavian Journal of Infectious Diseases</i> , 1994, 26, 7-13.	1.5	138
7	Human Leukocyte Antigenâ€œB8â€œDR3 Is a More Important Risk Factor for Severe Puumala Hantavirus Infection than the Tumor Necrosis Factorâ€œÎ± (âˆˆ308) G/A Polymorphism. <i>Journal of Infectious Diseases</i> , 2002, 186, 843-846.	1.9	95
8	The pathogenesis of nephropathia epidemica: New knowledge and unanswered questions. <i>Antiviral Research</i> , 2013, 100, 589-604.	1.9	82
9	Kidney disease in Puumala hantavirus infection. <i>Infectious Diseases</i> , 2017, 49, 321-332.	1.4	66
10	Human CD8+T Cell Memory Generation in Puumala Hantavirus Infection Occurs after the Acute Phase and Is Associated with Boosting of EBV-Specific CD8+Memory T Cells. <i>Journal of Immunology</i> , 2007, 179, 1988-1995.	0.4	59
11	Perinuclear antineutrophil cytoplasmic antibody in rheumatoid arthritis. A marker of severe disease with associated nephropathy. <i>Arthritis and Rheumatism</i> , 1997, 40, 710-717.	6.7	57
12	Renal function and blood pressure five years after Puumala virus-induced nephropathy. <i>Kidney International</i> , 2000, 58, 1711-1718.	2.6	56
13	Central wave reflection is associated with peripheral arterial resistance in addition to arterial stiffness in subjects without antihypertensive medication. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 131.	0.7	49
14	Immunogenetic Factors Affecting Susceptibility of Humans and Rodents to Hantaviruses and the Clinical Course of Hantaviral Disease in Humans. <i>Viruses</i> , 2014, 6, 2214-2241.	1.5	43
15	Neutrophil Activation in Acute Hemorrhagic Fever With Renal Syndrome Is Mediated by Hantavirus-Infected Microvascular Endothelial Cells. <i>Frontiers in Immunology</i> , 2018, 9, 2098.	2.2	40
16	The Degree of Leukocytosis and Urine GATA-3 mRNA Levels Are Risk Factors for Severe Acute Kidney Injury in Puumala Virus Nephropathia Epidemica. <i>PLoS ONE</i> , 2012, 7, e35402.	1.1	37
17	Community Acquired Severe Acute Kidney Injury Caused by Hantavirus-Induced Hemorrhagic Fever with Renal Syndrome Has a Favorable Outcome. <i>Nephron</i> , 2015, 130, 182-190.	0.9	36
18	Pathophysiology of a severe case of Puumala hantavirus infection successfully treated with bradykinin receptor antagonist icatibant. <i>Antiviral Research</i> , 2014, 111, 23-25.	1.9	32

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19	Polymorphisms of PAI-1 and platelet GP Ia may associate with impairment of renal function and thrombocytopenia in Puumala hantavirus infection. <i>Thrombosis Research</i> , 2012, 129, 611-615.	0.8	31
20	Atherogenic index of plasma is related to arterial stiffness but not to blood pressure in normotensive and never-treated hypertensive subjects. <i>Blood Pressure</i> , 2019, 28, 157-167.	0.7	29
21	Thrombocytopenia associates with the severity of inflammation and variables reflecting capillary leakage in Puumala Hantavirus infection, an analysis of 546 Finnish patients. <i>Infectious Diseases</i> , 2016, 48, 682-687.	1.4	28
22	Acute hantavirus infection induces galectin-3-binding protein. <i>Journal of General Virology</i> , 2014, 95, 2356-2364.	1.3	27
23	Tubular Proteinuria and Glomerular Filtration 6 Years after Puumala Hantavirus-Induced Acute Interstitial Nephritis. <i>Nephron Clinical Practice</i> , 2009, 112, c115-c120.	2.3	26
24	Smoking is associated with aggravated kidney injury in Puumala hantavirus-induced haemorrhagic fever with renal syndrome. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, 1693-1698.	0.4	25
25	Glomerular Proteinuria Predicts the Severity of Acute Kidney Injury in Puumala Hantavirus-Induced Tubulointerstitial Nephritis. <i>Nephron</i> , 2017, 136, 193-201.	0.9	25
26	Interferons Induce STAT1-Dependent Expression of Tissue Plasminogen Activator, a Pathogenicity Factor in Puumala Hantavirus Disease. <i>Journal of Infectious Diseases</i> , 2016, 213, 1632-1641.	1.9	24
27	Increased Cardiac Workload in the Upright Posture in Men: Noninvasive Hemodynamics in Men Versus Women. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	23
28	Mesangiocapillary Glomerulonephritis Caused by Puumala Hantavirus Infection. <i>Nephron</i> , 2001, 89, 402-407.	0.9	22
29	Hantavirus infection-induced thrombocytopenia triggers increased production but associates with impaired aggregation of platelets except for collagen. <i>Thrombosis Research</i> , 2015, 136, 1126-1132.	0.8	22
30	The Effect of Insulin Delivery Route on Lipoproteins in Type I Diabetic Patients on CAPD. <i>Peritoneal Dialysis International</i> , 1999, 19, 148-153.	1.1	21
31	Comparison of Intraperitoneal and Subcutaneous Insulin Administration on Insulin Sensitivity and Serum Lipids in Type I Diabetic Patients on Continuous Ambulatory Peritoneal Dialysis Treatment. <i>Clinical Science</i> , 1995, 88, 427-432.	1.8	20
32	Daily Liquorice Consumption for Two Weeks Increases Augmentation Index and Central Systolic and Diastolic Blood Pressure. <i>PLoS ONE</i> , 2014, 9, e105607.	1.1	20
33	Subcutaneous and Intraperitoneal Insulin Therapy in Diabetic Patients on Capd. <i>Peritoneal Dialysis International</i> , 1996, 16, 288-291.	1.1	19
34	Human Leukocyte Antigens B8-DRB1*03 in Pediatric Patients With Nephropathia Epidemica Caused by Puumala Hantavirus. <i>Pediatric Infectious Disease Journal</i> , 2004, 23, 959-961.	1.1	19
35	Inflammatory bowel disease in patients undergoing renal biopsies. <i>CKJ: Clinical Kidney Journal</i> , 2019, 12, 645-651.	1.4	19
36	Glucosuria Predicts the Severity of Puumala Hantavirus Infection. <i>Kidney International Reports</i> , 2019, 4, 1296-1303.	0.4	18

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37	Association of chest radiography findings with host-related genetic factors in patients with nephropathia epidemica. <i>Scandinavian Journal of Infectious Diseases</i> , 2008, 40, 254-258.	1.5	16
38	Spleen enlargement is a common finding in acute Puumala hantavirus infection and it does not associate with thrombocytopenia. <i>Scandinavian Journal of Infectious Diseases</i> , 2014, 46, 723-726.	1.5	14
39	Hantavirus Research in Finland: Highlights and Perspectives. <i>Viruses</i> , 2021, 13, 1452.	1.5	14
40	The Severity of Acute Puumala Hantavirus Infection Does Not Predict the Long-Term Outcome of Patients. <i>Nephron Clinical Practice</i> , 2010, 116, c89-c94.	2.3	13
41	Coagulopathy in Acute Puumala Hantavirus Infection. <i>Viruses</i> , 2021, 13, 1553.	1.5	13
42	High plasma resistin associates with severe acute kidney injury in Puumala hantavirus infection. <i>PLoS ONE</i> , 2018, 13, e0208017.	1.1	12
43	Changes in hemodynamics associated with metabolic syndrome are more pronounced in women than in men. <i>Scientific Reports</i> , 2019, 9, 18377.	1.6	12
44	LDL cholesterol is associated with systemic vascular resistance and wave reflection in subjects naive to cardiovascular drugs. <i>Blood Pressure</i> , 2019, 28, 4-14.	0.7	12
45	Celiac disease or positive tissue transglutaminase antibodies in patients undergoing renal biopsies. <i>Digestive and Liver Disease</i> , 2018, 50, 27-31.	0.4	11
46	Monocyte subset redistribution from blood to kidneys in patients with Puumala virus caused hemorrhagic fever with renal syndrome. <i>PLoS Pathogens</i> , 2021, 17, e1009400.	2.1	11
47	Endothelial Nitric Oxide Synthase G894T Polymorphism Associates with Disease Severity in Puumala Hantavirus Infection. <i>PLoS ONE</i> , 2015, 10, e0142872.	1.1	10
48	The type of the functional cardiovascular response to upright posture is associated with arterial stiffness: a cross-sectional study in 470 volunteers. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 101.	0.7	10
49	Haematuria is a marker for the severity of acute kidney injury but does not associate with thrombocytopenia in acute Puumala hantavirus infection. <i>Infectious Diseases</i> , 2017, 49, 840-846.	1.4	10
50	Metabolic syndrome is associated with decreased heart rate variability in a sex-dependent manner: a comparison between 252 men and 249 women. <i>Clinical Physiology and Functional Imaging</i> , 2019, 39, 160-167.	0.5	10
51	Severity Biomarkers in Puumala Hantavirus Infection. <i>Viruses</i> , 2022, 14, 45.	1.5	10
52	Lymphocytic choriomeningitis, Ljungan and orthopoxvirus seroconversions in patients hospitalized due to acute Puumala hantavirus infection. <i>Journal of Clinical Virology</i> , 2016, 84, 48-52.	1.6	9
53	Haemodynamic Influences of Bisoprolol in Hypertensive Middle-Aged Men: A Double-Blind, Randomized, Placebo-Controlled Cross-Over Study. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 121, 130-137.	1.2	9
54	Prevalence of Inflammatory Bowel Disease and Celiac Disease in Patients with IgA Nephropathy over Time. <i>Nephron</i> , 2021, 145, 78-84.	0.9	9

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55	Autoimmune polyendocrinopathy and hypophysitis after Puumala hantavirus infection. <i>Endocrinology, Diabetes and Metabolism Case Reports</i> , 2016, 2016, .	0.2	9
56	Differential Regulation of PAI-1 in Hantavirus Cardiopulmonary Syndrome and Hemorrhagic Fever With Renal Syndrome. <i>Open Forum Infectious Diseases</i> , 2018, 5, ofy021.	0.4	8
57	Urine and Free Immunoglobulin Light Chains as Analytes for Serodiagnosis of Hantavirus Infection. <i>Viruses</i> , 2019, 11, 809.	1.5	8
58	Individual changes of central blood pressure in response to upright posture: different hemodynamic phenotypes. <i>Journal of Hypertension</i> , 2021, 39, 2403-2412.	0.3	8
59	Endothelin A receptor blocker and calcimimetic in the adenine rat model of chronic renal insufficiency. <i>BMC Nephrology</i> , 2017, 18, 323.	0.8	7
60	Diminished coagulation capacity assessed by calibrated automated thrombography during acute Puumala hantavirus infection. <i>Blood Coagulation and Fibrinolysis</i> , 2018, 29, 55-60.	0.5	7
61	Effect of present versus previous smoking on non-invasive haemodynamics. <i>Scientific Reports</i> , 2018, 8, 13643.	1.6	7
62	Glycoprotein YKL-40 Is Elevated and Predicts Disease Severity in Puumala Hantavirus Infection. <i>Viruses</i> , 2019, 11, 767.	1.5	7
63	Metabolic Syndrome in IgA Glomerulonephritis. <i>Nephron Extra</i> , 2014, 4, 138-145.	1.1	6
64	Hantavirus infection-induced B cell activation elevates free light chains levels in circulation. <i>PLoS Pathogens</i> , 2021, 17, e1009843.	2.1	6
65	Effects of oxonic acid-induced hyperuricemia on mesenteric artery tone and cardiac load in experimental renal insufficiency. <i>BMC Nephrology</i> , 2015, 16, 35.	0.8	5
66	Electrocardiographic abnormalities and relative bradycardia in patients with hantavirus-induced nephropathia epidemica. <i>European Journal of Internal Medicine</i> , 2016, 33, 67-73.	1.0	5
67	Aldosterone-to-renin ratio is related to arterial stiffness when the screening criteria of primary aldosteronism are not met. <i>Scientific Reports</i> , 2020, 10, 19804.	1.6	5
68	Heterologous boosting of nonrelated toxoid immunity during acute Puumala hantavirus infection. <i>Vaccine</i> , 2021, 39, 1818-1825.	1.7	5
69	Parathyroid hormone may play a role in the pathophysiology of primary hypertension. <i>Endocrine Connections</i> , 2021, 10, 54-65.	0.8	5
70	Leukocyte telomere length is inversely associated with arterial wave reflection in 566 normotensive and never-treated hypertensive subjects. <i>Aging</i> , 2020, 12, 12376-12392.	1.4	5
71	Plasma total calcium concentration is associated with blood pressure and systemic vascular resistance in normotensive and never-treated hypertensive subjects. <i>Blood Pressure</i> , 2020, 29, 137-148.	0.7	4
72	Celiac Disease-Type Tissue Transglutaminase Autoantibody Deposits in Kidney Biopsies of Patients with IgA Nephropathy. <i>Nutrients</i> , 2021, 13, 1594.	1.7	4

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73	Increased Heparanase Levels in Urine during Acute Puumala Orthohantavirus Infection Are Associated with Disease Severity. <i>Viruses</i> , 2022, 14, 450.	1.5	4
74	Long-Term Consequences of Puumala Hantavirus Infection. <i>Viruses</i> , 2022, 14, 598.	1.5	4
75	Neutralizing Antibody Titers in Hospitalized Patients with Acute Puumala Orthohantavirus Infection Do Not Associate with Disease Severity. <i>Viruses</i> , 2022, 14, 901.	1.5	4
76	Resting heart rate predicts cardiac autonomic modulation during passive head-up tilt in subjects without cardiovascular diseases. <i>Scandinavian Cardiovascular Journal</i> , 2022, 56, 138-147.	0.4	4
77	Indoleamine 2,3-dioxygenase activity is associated with regulatory T cell response in acute Puumala hantavirus infection. <i>Pathogens and Disease</i> , 2017, 75, ftw114.	0.8	3
78	Flash-Like Albuminuria in Acute Kidney Injury Caused by Puumala Hantavirus Infection. <i>Pathogens</i> , 2020, 9, 615.	1.2	3
79	Hormonal Defects Are Common during Puumala Hantavirus Infection and Associate with Disease Severity and Biomarkers of Altered Haemostasis. <i>Viruses</i> , 2021, 13, 1818.	1.5	3
80	Salbutamol-Induced Decrease in Augmentation Index is Related to the Parallel Increase in Heart Rate. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018, 123, 161-173.	1.2	2
81	Liquorice ingestion attenuates vasodilatation via exogenous nitric oxide donor but not via β_2 -adrenoceptor stimulation. <i>PLoS ONE</i> , 2019, 14, e0223654.	1.1	2
82	The Clinical Presentation of Puumala Hantavirus Induced Hemorrhagic Fever with Renal Syndrome Is Related to Plasma Glucose Concentration. <i>Viruses</i> , 2021, 13, 1177.	1.5	2
83	Disparate Information Provided by Pulse Wave Velocity versus Other Measures of Aortic Compliance in End-Stage Renal Disease. <i>Nephron</i> , 2022, 146, 11-21.	0.9	2
84	Plasma uric acid is related to large arterial stiffness but not to other hemodynamic variables: a study in 606 normotensive and never-medicated hypertensive subjects. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 257.	0.7	1
85	ABO and Rhesus Blood Groups in Acute Puumala Hantavirus Infection. <i>Viruses</i> , 2021, 13, 2271.	1.5	1
86	Alcohol Consumption and Its Influence on the Clinical Picture of Puumala Hantavirus Infection. <i>Viruses</i> , 2022, 14, 500.	1.5	1
87	Calcium Carbonate versus Sevelamer Hydrochloride as Phosphate Binders after Long-Term Disease Progression in 5/6 Nephrectomized Rats. <i>Advances in Nephrology</i> , 2014, 2014, 1-10.	0.2	0
88	SP198PROTEINURIA DETECTED BY ALBUMIN DIPSTICK TEST PREDICTS THE SEVERITY OF ACUTE KIDNEY INJURY IN PUUMALA HANTAVIRUS-INDUCED NEPHROPATHIA EPIDEMICA. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, i152-i152.	0.4	0
89	Interleukin 34 in hantavirus infection. <i>Infectious Diseases</i> , 2019, 51, 854-855.	1.4	0
90	Team-based "Get-a-Grip" lifestyle management programme in the treatment of obesity. <i>Preventive Medicine Reports</i> , 2020, 19, 101119.	0.8	0

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91	Unfavorable Reduction in the Ratio of Endothelin B to A Receptors in Experimental 5/6 Nephrectomy and Adenine Models of Chronic Renal Insufficiency. International Journal of Molecular Sciences, 2020, 21, 936.	1.8	0
92	MO418: The Risk of Renal Co-Morbidities in Celiac Disease Patients Depends on the Phenotype of Celiac Disease. Nephrology Dialysis Transplantation, 2022, 37, .	0.4	0
93	MO243: Intestinal Fatty-Acid Binding Protein: A Potential Biomarker of Enterocyte Damage in IGA Nephropathy?. Nephrology Dialysis Transplantation, 2022, 37, .	0.4	0