

Onni Niemelä

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

2,399
citations

279798

23
h-index

206112

48
g-index

63
all docs

63
docs citations

63
times ranked

2531
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental liver cirrhosis induced by alcohol and iron.. Journal of Clinical Investigation, 1995, 96, 620-630.	8.2	461
2	Biomarkers in alcoholism. Clinica Chimica Acta, 2007, 377, 39-49.	1.1	216
3	Folate deficiency disturbs hepatic methionine metabolism and promotes liver injury in the ethanol-fed micropig. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 10072-10077.	7.1	183
4	Distribution of ethanol-induced protein adducts in vivo: relationship to tissue injury,. Free Radical Biology and Medicine, 2001, 31, 1533-1538.	2.9	159
5	COMPARISON OF THE COMBINED MARKER GGTâCDT AND THE CONVENTIONAL LABORATORY MARKERS OF ALCOHOL ABUSE IN HEAVY DRINKERS, MODERATE DRINKERS AND ABSTAINERS. Alcohol and Alcoholism, 2006, 41, 528-533.	1.6	116
6	Excess Alcohol Consumption Is Common in Patients With Cytopenia: Studies in Blood and Bone Marrow Cells. Alcoholism: Clinical and Experimental Research, 2004, 28, 619-624.	2.4	92
7	Biomarker-Based Approaches for Assessing Alcohol Use Disorders. International Journal of Environmental Research and Public Health, 2016, 13, 166.	2.6	81
8	Immune Responses to Ethanol Metabolites and Cytokine Profiles Differentiate Alcoholics with or without Liver Disease. American Journal of Gastroenterology, 2005, 100, 1303-1310.	0.4	78
9	Aldehyde-protein adducts in the liver as a result of ethanol-induced oxidative stress. Frontiers in Bioscience - Landmark, 1999, 4, d506.	3.0	76
10	Biomarkers of alcohol consumption and related liver disease. Scandinavian Journal of Clinical and Laboratory Investigation, 2010, 70, 305-312.	1.2	75
11	Association of resting heart rate with cardiovascular function: a cross-sectional study in 522 Finnish subjects. BMC Cardiovascular Disorders, 2013, 13, 102.	1.7	51
12	Autoimmune Responses Against Oxidant Stress and Acetaldehyde-Derived Epitopes in Human Alcohol Consumers. Alcoholism: Clinical and Experimental Research, 2000, 24, 1103-1109.	2.4	49
13	Acute Changes in Inflammatory Biomarker Levels in Recreational Runners Participating in a Marathon or Half-Marathon. Sports Medicine - Open, 2016, 2, 21.	3.1	49
14	SERUM GAMMA-GLUTAMYL TRANSFERASE IN ALCOHOLICS, MODERATE DRINKERS AND ABSTAINERS: EFFECT ON GT REFERENCE INTERVALS AT POPULATION LEVEL. Alcohol and Alcoholism, 2005, 40, 511-514.	1.6	42
15	Induction of cytochrome P450 enzymes and generation of protein-aldehyde adducts are associated with sex-dependent sensitivity to alcohol-induced liver disease in micropigs. Hepatology, 1999, 30, 1011-1017.	7.3	36
16	Alcoholic macrocytosis-is there a role for acetaldehyde and adducts?. Addiction Biology, 2004, 9, 3-10.	2.6	35
17	A new modified $\hat{3}$ -%CDT method improves the detection of problem drinking: studies in alcoholics with or without liver disease. Clinica Chimica Acta, 2003, 338, 45-51.	1.1	34
18	Hemodynamic alterations in hypertensive patients at rest and during passive head-up tilt. Journal of Hypertension, 2013, 31, 906-915.	0.5	34

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19	Early exposure to cats, dogs and farm animals and the risk of childhood asthma and allergy. <i>Pediatric Allergy and Immunology</i> , 2020, 31, 265-272.	2.6	30
20	Impacts of common factors of life style on serum liver enzymes. <i>World Journal of Gastroenterology</i> , 2014, 20, 11743.	3.3	28
21	Comparison of Ethyl Glucuronide and Carbohydrate-Deficient Transferrin in Different Body Fluids for Post-mortem Identification of Alcohol Use. <i>Alcohol and Alcoholism</i> , 2014, 49, 55-59.	1.6	25
22	Biomarkers of alcohol consumption in patients classified according to the degree of liver disease severity. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2005, 65, 141-151.	1.2	24
23	Dose- and Gender-dependent Interactions between Coffee Consumption and Serum GGT Activity in Alcohol Consumers. <i>Alcohol and Alcoholism</i> , 2013, 48, 303-307.	1.6	24
24	Effect of Kupffer cell inactivation on ethanol-induced protein adducts in the liver. <i>Free Radical Biology and Medicine</i> , 2002, 33, 350-355.	2.9	23
25	Generation of Aldehyde-Derived Protein Modifications in Ethanol-Exposed Heart. <i>Alcoholism: Clinical and Experimental Research</i> , 2003, 27, 1987-1992.	2.4	21
26	Inhaled corticosteroids and asthma control in adult-onset asthma: 12-year follow-up study. <i>Respiratory Medicine</i> , 2018, 137, 70-76.	2.9	19
27	Serum IgG and IgE antibodies against mold-derived antigens in patients with symptoms of hypersensitivity. <i>Clinica Chimica Acta</i> , 2001, 305, 89-98.	1.1	18
28	Glucosuria Predicts the Severity of Puumala Hantavirus Infection. <i>Kidney International Reports</i> , 2019, 4, 1296-1303.	0.8	18
29	Where should the safe limits of alcohol consumption stand in light of liver enzyme abnormalities in alcohol consumers?. <i>PLoS ONE</i> , 2017, 12, e0188574.	2.5	18
30	Impacts of unfavourable lifestyle factors on biomarkers of liver function, inflammation and lipid status. <i>PLoS ONE</i> , 2019, 14, e0218463.	2.5	16
31	Immunoassay for ethyl glucuronide in vitreous humor: A new tool for postmortem diagnostics of alcohol use. <i>Forensic Science International</i> , 2013, 226, 261-265.	2.2	15
32	Individual responses in biomarkers of health after marathon and half-marathon running: is age a factor in troponin changes?. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2016, 76, 575-580.	1.2	15
33	YKL-40 and adult-onset asthma: Elevated levels in clusters with poorest outcome. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 2466-2468.e3.	3.8	15
34	Primary aldosteronism: Higher volume load, cardiac output and arterial stiffness than in essential hypertension. <i>Journal of Internal Medicine</i> , 2021, 289, 29-41.	6.0	15
35	Combined effects of lifestyle risk factors on fatty liver index. <i>BMC Gastroenterology</i> , 2020, 20, 109.	2.0	13
36	Evaluation of reference intervals for biomarkers sensitive to alcohol consumption, excess body weight and oxidative stress. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2010, 70, 104-111.	1.2	12

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37	Assays of Gamma-Glutamyl Transferase and Carbohydrate-Deficient Transferrin Combination from Maternal Serum Improve the Detection of Prenatal Alcohol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 2385-2393.	2.4	12
38	Co-Occurrence of IgA Antibodies Against Ethanol Metabolites and Tissue Transglutaminase in Alcohol Consumers: Correlation with Proinflammatory Cytokines and Markers of Fibrogenesis. <i>Digestive Diseases and Sciences</i> , 2008, 53, 500-505.	2.3	11
39	Laboratory test based assessment of WHO alcohol risk drinking levels. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2019, 79, 58-64.	1.2	11
40	Liver enzymes in alcohol consumers with or without binge drinking. <i>Alcohol</i> , 2019, 78, 13-19.	1.7	10
41	Long-term adherence to inhaled corticosteroids and asthma control in adult-onset asthma. <i>ERJ Open Research</i> , 2021, 7, 00715-2020.	2.6	10
42	Prevalence of Inflammatory Bowel Disease and Celiac Disease in Patients with IgA Nephropathy over Time. <i>Nephron</i> , 2021, 145, 78-84.	1.8	9
43	Assays for Acetaldehyde-Derived Adducts in Blood Proteins Based on Antibodies Against Acetaldehyde/Lipoprotein Condensates. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 1648-1653.	2.4	8
44	<p>Serum Calprotectin, a Marker of Neutrophil Activation, and Other Mediators of Inflammation in Response to Various Types of Extreme Physical Exertion in Healthy Volunteers<p>. <i>Journal of Inflammation Research</i> , 2020, Volume 13, 223-231.	3.5	8
45	Individual and Joint Impacts of Ethanol Use, BMI, Age and Gender on Serum Gamma-Glutamyltransferase Levels in Healthy Volunteers. <i>International Journal of Molecular Sciences</i> , 2013, 14, 11929-11941.	4.1	7
46	Clinical value of bronchodilator response for diagnosing asthma in steroid-naïve adults. <i>ERJ Open Research</i> , 2021, 7, 00293-2021.	2.6	7
47	Long-Term Use of Short-Acting Î2-Agonists in Patients With Adult-Onset Asthma. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2022, 10, 2074-2083.e7.	3.8	7
48	Comparison of serum calprotectin, a marker of neutrophil activation, and other mediators of inflammation in response to alcohol consumption. <i>Alcohol</i> , 2021, 95, 45-50.	1.7	6
49	Effects of oxonic acid-induced hyperuricemia on mesenteric artery tone and cardiac load in experimental renal insufficiency. <i>BMC Nephrology</i> , 2015, 16, 35.	1.8	5
50	Assessment of alcohol consumption in depression follow-up using self-reports and blood measures including inflammatory biomarkers. <i>Alcohol and Alcoholism</i> , 2019, 54, 243-250.	1.6	5
51	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.	3.3	5
52	Relationship between age and bronchodilator response at diagnosis in adult-onset asthma. <i>Respiratory Research</i> , 2020, 21, 179.	3.6	4
53	Long-term adherence to inhaled corticosteroids in clinical phenotypes of adult-onset asthma. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 3503-3505.e3.	3.8	4
54	Flash-Like Albuminuria in Acute Kidney Injury Caused by Puumala Hantavirus Infection. <i>Pathogens</i> , 2020, 9, 615.	2.8	3

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55	Autoimmune Responses Against Oxidant Stress and Acetaldehyde-Derived Epitopes in Human Alcohol Consumers. <i>Alcoholism: Clinical and Experimental Research</i> , 2000, 24, 1103-1109.	2.4	3
56	Posture-Related Differences in Cardiovascular Function Between Young Men and Women: Study of Noninvasive Hemodynamics in Rural Malawi. <i>Journal of the American Heart Association</i> , 2022, 11, e022979.	3.7	3
57	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.	1.7	1
58	Alcohol Consumption and Its Influence on the Clinical Picture of Puumala Hantavirus Infection. <i>Viruses</i> , 2022, 14, 500.	3.3	1
59	The role of alcohol use and adiposity in serum levels of IL-1RA in depressed patients. <i>BMC Psychiatry</i> , 2022, 22, 158.	2.6	1
60	Unfavorable Reduction in the Ratio of Endothelin B to A Receptors in Experimental 5/6 Nephrectomy and Adenine Models of Chronic Renal Insufficiency. <i>International Journal of Molecular Sciences</i> , 2020, 21, 936.	4.1	0
61	Association of different enteroviruses with atopy and allergic diseases in early childhood. <i>Pediatric Allergy and Immunology</i> , 2021, 32, 1629-1636.	2.6	0
62	Relationship Between Soluble Urokinase Plasminogen Activator Receptor (suPAR) and Disease Outcome in Adult-Onset Asthma. <i>Journal of Asthma and Allergy</i> , 2022, Volume 15, 579-593.	3.4	0