

# Janne Hukkanen

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53  
papers

4,437  
citations

26  
h-index

56  
g-index

56  
ext. papers

5,040  
ext. citations

5.2  
avg. IF

5.36  
L-index

#	Paper	IF	Citations
53	Metabolism and disposition kinetics of nicotine. <i>Pharmacological Reviews</i> , <b>2005</b> , 57, 79-115	22.5	1085
52	Nicotine chemistry, metabolism, kinetics and biomarkers. <i>Handbook of Experimental Pharmacology</i> , <b>2009</b> , 29-60	3.2	791
51	Inhibition and induction of human cytochrome P450 enzymes: current status. <i>Archives of Toxicology</i> , <b>2008</b> , 82, 667-715	5.8	410
50	Expression and regulation of xenobiotic-metabolizing cytochrome P450 (CYP) enzymes in human lung. <i>Critical Reviews in Toxicology</i> , <b>2002</b> , 32, 391-411	5.7	238
49	Expression of xenobiotic-metabolizing cytochrome P450 forms in human full-term placenta. <i>Biochemical Pharmacology</i> , <b>1996</b> , 51, 403-11	6	182
48	Effects of an isocaloric healthy Nordic diet on insulin sensitivity, lipid profile and inflammation markers in metabolic syndrome -- a randomized study (SYSDIET). <i>Journal of Internal Medicine</i> , <b>2013</b> , 274, 52-66	10.8	175
47	Expression of CYP1B1 in human adult and fetal tissues and differential inducibility of CYP1B1 and CYP1A1 by Ah receptor ligands in human placenta and cultured cells. <i>Carcinogenesis</i> , <b>1997</b> , 18, 391-7	4.6	139
46	Induction and regulation of xenobiotic-metabolizing cytochrome P450s in the human A549 lung adenocarcinoma cell line. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2000</b> , 22, 360-6	5.7	134
45	Expression of CYP2A genes in human liver and extrahepatic tissues. <i>Biochemical Pharmacology</i> , <b>1999</b> , 57, 1407-13	6	131
44	Expression and localization of CYP3A4 and CYP3A5 in human lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>1997</b> , 16, 242-9	5.7	123
43	Regulation of CYP3A5 by glucocorticoids and cigarette smoke in human lung-derived cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2003</b> , 304, 745-52	4.7	82
42	Expression of xenobiotic-metabolizing CYPs in human pulmonary tissue. <i>Experimental and Toxicologic Pathology</i> , <b>1999</b> , 51, 412-7		82
41	Detection of mRNA encoding xenobiotic-metabolizing cytochrome P450s in human bronchoalveolar macrophages and peripheral blood lymphocytes. <i>Molecular Carcinogenesis</i> , <b>1997</b> , 20, 224-30	5	76
40	Expression of CYP1A1, CYP1B1 and CYP3A, and polycyclic aromatic hydrocarbon-DNA adduct formation in bronchoalveolar macrophages of smokers and non-smokers. <i>International Journal of Cancer</i> , <b>2000</b> , 86, 610-6	7.5	69
39	Pregnane X receptor agonists impair postprandial glucose tolerance. <i>Clinical Pharmacology and Therapeutics</i> , <b>2013</b> , 93, 556-63	6.1	52
38	Regulation of hepatic energy metabolism by the nuclear receptor PXR. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , <b>2016</b> , 1859, 1072-1082	6	52
37	A Healthy Nordic Diet Alters the Plasma Lipidomic Profile in Adults with Features of Metabolic Syndrome in a Multicenter Randomized Dietary Intervention. <i>Journal of Nutrition</i> , <b>2015</b> , 146, 662-672	4.1	51

36	Induction of cytochrome P450 enzymes: a view on human in vivo findings. <i>Expert Review of Clinical Pharmacology</i> , <b>2012</b> , 5, 569-85	3.8	49
35	Expression of cytochrome P450 genes encoding enzymes active in the metabolism of tamoxifen in human uterine endometrium. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1998</b> , 82, 93-7		41
34	Inhibition and induction of CYP enzymes in humans: an update. <i>Archives of Toxicology</i> , <b>2020</b> , 94, 3671-3738	3.8	41
33	Healthy Nordic diet downregulates the expression of genes involved in inflammation in subcutaneous adipose tissue in individuals with features of the metabolic syndrome. <i>American Journal of Clinical Nutrition</i> , <b>2015</b> , 101, 228-39	7	38
32	Effect of nicotine on cytochrome P450 1A2 activity. <i>British Journal of Clinical Pharmacology</i> , <b>2011</b> , 72, 836-8	3.8	35
31	Expression of xenobiotic-metabolizing cytochrome P450s in human pulmonary tissues. <i>Archives of Toxicology Supplement</i> , <b>1998</b> , 20, 465-9		34
30	A dietary biomarker approach captures compliance and cardiometabolic effects of a healthy Nordic diet in individuals with metabolic syndrome. <i>Journal of Nutrition</i> , <b>2014</b> , 144, 1642-9	4.1	33
29	Effect of grapefruit juice on cytochrome P450 2A6 and nicotine renal clearance. <i>Clinical Pharmacology and Therapeutics</i> , <b>2006</b> , 80, 522-30	6.1	30
28	Pregnane X receptor (PXR)--a contributor to the diabetes epidemic?. <i>Drug Metabolism and Drug Interactions</i> , <b>2014</b> , 29, 3-15		28
27	Whole grain rye intake, reflected by a biomarker, is associated with favorable blood lipid outcomes in subjects with the metabolic syndrome--a randomized study. <i>PLoS ONE</i> , <b>2014</b> , 9, e110827	3.7	25
26	Effects of nicotine on cytochrome P450 2A6 and 2E1 activities. <i>British Journal of Clinical Pharmacology</i> , <b>2010</b> , 69, 152-9	3.8	23
25	Effect of pregnancy on a measure of FMO3 activity. <i>British Journal of Clinical Pharmacology</i> , <b>2005</b> , 60, 224-6	3.8	20
24	Influence of menstrual cycle on cytochrome P450 2A6 activity and cardiovascular effects of nicotine. <i>Clinical Pharmacology and Therapeutics</i> , <b>2005</b> , 77, 159-69	6.1	18
23	Activation of nuclear receptor PXR impairs glucose tolerance and dysregulates GLUT2 expression and subcellular localization in liver. <i>Biochemical Pharmacology</i> , <b>2018</b> , 148, 253-264	6	16
22	Effects of a healthy Nordic diet on gene expression changes in peripheral blood mononuclear cells in response to an oral glucose tolerance test in subjects with metabolic syndrome: a SYSDIET sub-study. <i>Genes and Nutrition</i> , <b>2016</b> , 11, 3	4.3	16
21	The effect of atorvastatin treatment on serum oxysterol concentrations and cytochrome P450 3A4 activity. <i>British Journal of Clinical Pharmacology</i> , <b>2015</b> , 80, 473-9	3.8	15
20	Adherence to the Nordic Nutrition Recommendations in a Nordic population with metabolic syndrome: high salt consumption and low dietary fibre intake (The SYSDIET study). <i>Food and Nutrition Research</i> , <b>2013</b> , 57,	3.1	13
19	Metabolic syndrome but not genetic polymorphisms known to induce NAFLD predicts increased total mortality in subjects with NAFLD (OPERA study). <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , <b>2020</b> , 80, 106-113	2	13

18	An Isocaloric Nordic Diet Modulates and Gene Expression in Peripheral Blood Mononuclear Cells in Individuals with Metabolic Syndrome-A SYSDIET Sub-Study. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	9
17	Quantitative analysis of 4βand 4βhydroxycholesterol in human plasma and serum by UHPLC/ESI-HR-MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2018</b> , 1100-1101, 179-186	3.2	9
16	Healthy Nordic Diet Modulates the Expression of Genes Related to Mitochondrial Function and Immune Response in Peripheral Blood Mononuclear Cells from Subjects with Metabolic Syndrome-A SYSDIET Sub-Study. <i>Molecular Nutrition and Food Research</i> , <b>2019</b> , 63, e1801405	5.9	8
15	4-Hydroxycholesterol Signals From the Liver to Regulate Peripheral Cholesterol Transporters. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 361	5.6	8
14	Effects of low-dose liquorice alone or in combination with hydrochlorothiazide on the plasma potassium in healthy volunteers. <i>Blood Pressure</i> , <b>2009</b> , 18, 192-5	1.7	8
13	The association of non-alcoholic fatty liver disease and atrial fibrillation: a review. <i>Annals of Medicine</i> , <b>2018</b> , 50, 371-380	1.5	7
12	Pregnane X Receptor Activator Rifampin Increases Blood Pressure and Stimulates Plasma Renin Activity. <i>Clinical Pharmacology and Therapeutics</i> , <b>2020</b> , 108, 856-865	6.1	4
11	Activation of pregnane X receptor induces atherogenic lipids and PCSK9 by a SREBP2-mediated mechanism. <i>British Journal of Pharmacology</i> , <b>2021</b> , 178, 2461-2481	8.6	4
10	Long-term thiazide use and risk of low-energy fractures among persons with Alzheimer’s disease-nested case-control study. <i>Osteoporosis International</i> , <b>2019</b> , 30, 1481-1489	5.3	3
9	PXR and 4βHydroxycholesterol Axis and the Components of Metabolic Syndrome. <i>Cells</i> , <b>2020</b> , 9,	7.9	3
8	Varenicline and pheochromocytoma. <i>Annals of Internal Medicine</i> , <b>2010</b> , 152, 335-6	8	3
7	In vitro screening of cytochrome P450 induction potential. <i>Ernst Schering Research Foundation Workshop</i> , <b>2002</b> , 105-37		2
6	Gastrointestinal manifestations after Roux-en-Y gastric bypass surgery in individuals with and without type 2 diabetes. <i>Surgery for Obesity and Related Diseases</i> , <b>2021</b> , 17, 585-594	3	2
5	Grapefruit juice inhibits CYP2A6 and nicotine metabolism. <i>Clinical Pharmacology and Therapeutics</i> , <b>2005</b> , 77, P75-P75	6.1	1
4	Analysis of the SYSDIET Healthy Nordic Diet randomized trial based on metabolic profiling reveal beneficial effects on glucose metabolism and blood lipids.. <i>Clinical Nutrition</i> , <b>2021</b> , 41, 441-451	5.9	1
3	Serological Biomarker Panel in Diagnosis of Atrophic Gastritis and Infection in Gastroscopy Referral Patients: Clinical Validation of the New-Generation GastroPanel Test. <i>Anticancer Research</i> , <b>2021</b> , 41, 5527-5537 <sup>0</sup>	2.3	0
2	Pregnane X Receptor-4βHydroxycholesterol Axis in the Regulation of Overweight- and Obesity-Induced Hypertension.. <i>Journal of the American Heart Association</i> , <b>2022</b> , e023492	6	0
1	Long-term metabolic fate and mortality in obesity without metabolic syndrome.. <i>Annals of Medicine</i> , <b>2022</b> , 54, 1432-1443	1.5	0

