

Mari Hmlinen

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.

92
papers

2,102
citations

21
h-index

43
g-index

95
ext. papers

2,429
ext. citations

3.9
avg, IF

4.6
L-index

#	Paper	IF	Citations
92	Anti-inflammatory effects of flavonoids: genistein, kaempferol, quercetin, and daidzein inhibit STAT-1 and NF-kappaB activations, whereas flavone, isorhamnetin, naringenin, and pelargonidin inhibit only NF-kappaB activation along with their inhibitory effect on iNOS expression and NO production in activated macrophages. <i>Mediators of Inflammation</i> , 2007 , 2007, 45673	4.3	580
91	Dexamethasone inhibits inducible nitric-oxide synthase expression and nitric oxide production by destabilizing mRNA in lipopolysaccharide-treated macrophages. <i>Molecular Pharmacology</i> , 2002 , 62, 698-704	4.3	142
90	Preclinical evaluation of rapeseed, raspberry, and pine bark phenolics for health related effects. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 5922-31	5.7	108
89	Breast milk fatty acids, eicosanoids, and cytokines in mothers with and without allergic disease. <i>Pediatric Research</i> , 2003 , 53, 642-7	3.2	91
88	Phenolic extractives from the bark of <i>Pinus sylvestris</i> L. and their effects on inflammatory mediators nitric oxide and prostaglandin E2. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 7532-40	5.7	81
87	Effects of flavonoids on prostaglandin E2 production and on COX-2 and mPGES-1 expressions in activated macrophages. <i>Planta Medica</i> , 2011 , 77, 1504-11	3.1	76
86	Betulin Derivatives Effectively Suppress Inflammation in Vitro and in Vivo. <i>Journal of Natural Products</i> , 2016 , 79, 274-80	4.9	52
85	Cytokine and adipokine alterations in patients with schizophrenia treated with clozapine. <i>Psychiatry Research</i> , 2014 , 218, 277-83	9.9	47
84	Inhibition of iNOS expression and NO production by anti-inflammatory steroids. Reversal by histone deacetylase inhibitors. <i>Pulmonary Pharmacology and Therapeutics</i> , 2008 , 21, 331-9	3.5	46
83	Regulation of eosinophil apoptosis by nitric oxide: Role of c-Jun-N-terminal kinase and signal transducer and activator of transcription 5. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 112, 93-101	11.5	45
82	Calcineurin inhibitors, cyclosporin A and tacrolimus inhibit expression of inducible nitric oxide synthase in colon epithelial and macrophage cell lines. <i>European Journal of Pharmacology</i> , 2002 , 448, 239-44	5.3	42
81	YKL-40 as a novel factor associated with inflammation and catabolic mechanisms in osteoarthritic joints. <i>Mediators of Inflammation</i> , 2014 , 2014, 215140	4.3	39
80	Natural Stilbenoids Have Anti-Inflammatory Properties in Vivo and Down-Regulate the Production of Inflammatory Mediators NO, IL6, and MCP1 Possibly in a PI3K/Akt-Dependent Manner. <i>Journal of Natural Products</i> , 2018 , 81, 1131-1142	4.9	38
79	Attenuation of TNF production and experimentally induced inflammation by PDE4 inhibitor rolipram is mediated by MAPK phosphatase-1. <i>British Journal of Pharmacology</i> , 2013 , 169, 1525-36	8.6	35
78	Urate crystal induced inflammation and joint pain are reduced in transient receptor potential ankyrin 1 deficient mice--potential role for transient receptor potential ankyrin 1 in gout. <i>PLoS ONE</i> , 2015 , 10, e0117770	3.7	35
77	Transient receptor potential ankyrin 1 (TRPA1) is functionally expressed in primary human osteoarthritic chondrocytes. <i>Arthritis Research and Therapy</i> , 2016 , 18, 185	5.7	35
76	Breast milk fatty acids may link innate and adaptive immune regulation: analysis of soluble CD14, prostaglandin E2, and fatty acids. <i>Pediatric Research</i> , 2006 , 59, 723-7	3.2	34

75	IL-6 in Osteoarthritis: Effects of Pine Stilbenoids. <i>Molecules</i> , 2018 , 24,	4.8	28
74	Acute leukocyte, cytokine and adipocytokine responses to maximal and hypertrophic resistance exercise bouts. <i>European Journal of Applied Physiology</i> , 2014 , 114, 2607-16	3.4	25
73	Adipokines NUCB2/nesfatin-1 and visfatin as novel inflammatory factors in chronic obstructive pulmonary disease. <i>Mediators of Inflammation</i> , 2014 , 2014, 232167	4.3	24
72	Anti-Inflammatory Effects of β_2 -Receptor Agonists Salbutamol and Terbutaline Are Mediated by MKP-1. <i>PLoS ONE</i> , 2016 , 11, e0148144	3.7	22
71	Calcineurin inhibitors down-regulate iNOS expression by destabilizing mRNA. <i>International Immunopharmacology</i> , 2009 , 9, 159-67	5.8	21
70	The Inflammatory Phenotype in Failed Metal-On-Metal Hip Arthroplasty Correlates with Blood Metal Concentrations. <i>PLoS ONE</i> , 2016 , 11, e0155121	3.7	20
69	Constitutive STAT3 Phosphorylation in Circulating CD4+ T Lymphocytes Associates with Disease Activity and Treatment Response in Recent-Onset Rheumatoid Arthritis. <i>PLoS ONE</i> , 2015 , 10, e0137385	3.7	18
68	PI3K inhibitors LY294002 and IC87114 reduce inflammation in carrageenan-induced paw oedema and down-regulate inflammatory gene expression in activated macrophages. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015 , 116, 53-61	3.1	17
67	Regulation of nitric oxide production in osteoarthritic and rheumatoid cartilage. Role of endogenous IL-1 inhibitors. <i>Scandinavian Journal of Rheumatology</i> , 2003 , 32, 19-24	1.9	16
66	Inflammatory biomarkers in saliva and serum of patients with rheumatoid arthritis with respect to periodontal status. <i>Annals of Medicine</i> , 2018 , 50, 333-344	1.5	15
65	Orazipone inhibits activation of inflammatory transcription factors nuclear factor-kappa B and signal transducer and activator of transcription 1 and decreases inducible nitric-oxide synthase expression and nitric oxide production in response to inflammatory stimuli. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008 , 324, 858-66	4.7	14
64	Pinosylvin Inhibits TRPA1-Induced Calcium Influx In Vitro and TRPA1-Mediated Acute Paw Inflammation In Vivo. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016 , 118, 238-42	3.1	14
63	Time-courses of plasma IL-6 and HMGB-1 reflect initial severity of clinical presentation but do not predict poor neurologic outcome following subarachnoid hemorrhage. <i>ENeurologicalSci</i> , 2017 , 6, 55-62	2.1	12
62	Glycoprotein YKL-40 Levels in Plasma Are Associated with Fibrotic Changes on HRCT in Asbestos-Exposed Subjects. <i>Mediators of Inflammation</i> , 2017 , 2017, 1797512	4.3	12
61	Association of Matrix Metalloproteinases -7, -8 and -9 and TIMP -1 with Disease Severity in Acute Pancreatitis. A Cohort Study. <i>PLoS ONE</i> , 2016 , 11, e0161480	3.7	12
60	Increased plasma UCH-L1 after aneurysmal subarachnoid hemorrhage is associated with unfavorable neurological outcome. <i>Journal of the Neurological Sciences</i> , 2016 , 361, 144-9	3.2	12
59	Low Plasma IL-8 Levels During Chemotherapy Are Predictive of Excellent Long-Term Survival in Metastatic Breast Cancer. <i>Clinical Breast Cancer</i> , 2019 , 19, e522-e533	3	11
58	Inhibition of monoamine oxidase A increases recovery after experimental cardiac arrest. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015 , 21, 441-9	1.8	11

57	Beneficial effects of lingonberry (<i>Vaccinium vitis-idaea</i> L.) supplementation on metabolic and inflammatory adverse effects induced by high-fat diet in a mouse model of obesity. <i>PLoS ONE</i> , 2020 , 15, e0232605	3.7	11
56	Adipsin Is Associated with Multiple Sclerosis: A Follow-Up Study of Adipokines. <i>Multiple Sclerosis International</i> , 2015 , 2015, 371734	1.1	11
55	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	5.4	10
54	Resistance training status modifies inflammatory response to explosive and hypertrophic resistance exercise bouts. <i>Journal of Physiology and Biochemistry</i> , 2017 , 73, 595-604	5	10
53	Anti-inflammatory Effects of Nortrachelogenin in Murine J774 Macrophages and in Carrageenan-Induced Paw Edema Model in the Mouse. <i>Planta Medica</i> , 2017 , 83, 519-526	3.1	10
52	Diazoxide may protect endothelial glycocalyx integrity during coronary artery bypass grafting. <i>Scandinavian Cardiovascular Journal</i> , 2012 , 46, 339-44	2	10
51	Dexamethasone-eluting vascular stents. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2013 , 112, 296-301	3.1	10
50	Widespread regulation of gene expression by glucocorticoids in chondrocytes from patients with osteoarthritis as determined by RNA-Seq. <i>Arthritis Research and Therapy</i> , 2020 , 22, 271	5.7	10
49	High YKL-40 is associated with poor survival in patients with renal cell carcinoma: a novel independent prognostic marker. <i>Scandinavian Journal of Urology</i> , 2017 , 51, 367-372	1.6	9
48	Resistin as an inflammatory marker in patients with schizophrenia treated with clozapine. <i>Nordic Journal of Psychiatry</i> , 2017 , 71, 89-95	2.3	9
47	Resistin and interleukin 6 as predictive factors for recurrence and long-term prognosis in renal cell cancer. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2017 , 35, 544.e25-544.e31	2.8	8
46	Anti-rheumatic medication and salivary MMP-8, a biomarker for periodontal disease. <i>Oral Diseases</i> , 2018 , 24, 1562-1571	3.5	8
45	High plasma resistin associates with severe acute kidney injury in Puumala hantavirus infection. <i>PLoS ONE</i> , 2018 , 13, e0208017	3.7	8
44	Novel adipokine associated with OA: retinol binding protein 4 (RBP4) is produced by cartilage and is correlated with MMPs in osteoarthritis patients. <i>Inflammation Research</i> , 2020 , 69, 415-421	7.2	7
43	High baseline Tie1 level predicts poor survival in metastatic breast cancer. <i>BMC Cancer</i> , 2019 , 19, 732	4.8	7
42	Nitric oxide-releasing compounds inhibit the production of interleukin-2, -4 and -10 in activated human lymphocytes. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008 , 103, 322-8	3.1	7
41	INSIG2 polymorphism and weight gain, dyslipidemia and serum adiponectin in Finnish patients with schizophrenia treated with clozapine. <i>Pharmacogenomics</i> , 2016 , 17, 1987-1997	2.6	7
40	MKP-1 promotes anti-inflammatory M(IL-4/IL-13) macrophage phenotype and mediates the anti-inflammatory effects of glucocorticoids. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019 , 124, 404-415	3.1	7

39	Downregulation of microsomal prostaglandin E synthase-1 (mPGES-1) expression in chondrocytes is regulated by MAP kinase phosphatase-1 (MKP-1). <i>International Immunopharmacology</i> , 2019 , 71, 139-143	5.8	6
38	The effects of adiposity and alcohol use disorder on adipokines and biomarkers of inflammation in depressed patients. <i>Psychiatry Research</i> , 2018 , 264, 31-38	9.9	6
37	Effect of electroconvulsive therapy on brain-derived neurotrophic factor levels in patients with major depressive disorder. <i>Brain and Behavior</i> , 2018 , 8, e01101	3.4	6
36	Inflammation status of healthy young men: initial and specific responses to resistance training. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018 , 43, 252-258	3	5
35	Activity of rheumatoid arthritis correlates with oral inflammatory burden. <i>Rheumatology International</i> , 2018 , 38, 1661-1669	3.6	5
34	Microsomal Prostaglandin E Synthase-1 Expression in Inflammatory Conditions Is Downregulated by Dexamethasone: Seminal Role of the Regulatory Phosphatase MKP-1. <i>Frontiers in Pharmacology</i> , 2017 , 8, 646	5.6	5
33	Muraglitazar-eluting bioabsorbable vascular stent inhibits neointimal hyperplasia in porcine iliac arteries. <i>Journal of Vascular and Interventional Radiology</i> , 2015 , 26, 124-30	2.4	5
32	S100B, NSE and MMP-9 fail to predict neurologic outcome while elevated S100B associates with milder initial clinical presentation after aneurysmal subarachnoid hemorrhage. <i>Journal of the Neurological Sciences</i> , 2018 , 390, 129-134	3.2	5
31	TRPA1 expression is downregulated by dexamethasone and aurothiomalate in human chondrocytes: TRPA1 as a novel factor and drug target in arthritis. <i>RMD Open</i> , 2017 , 3, e000556	5.9	4
30	Transient Receptor Potential Ankyrin 1 Enhances Ovalbumin-Induced Acute Allergic Inflammation in Murine Models. <i>International Archives of Allergy and Immunology</i> , 2019 , 178, 238-247	3.7	4
29	Pyrazine-Fused Triterpenoids Block the TRPA1 Ion Channel in Vitro and Inhibit TRPA1-Mediated Acute Inflammation in Vivo. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 2848-2857	5.7	4
28	Plasma Soluble Urokinase-Type Plasminogen Activator Receptor Is Not Associated with Neurological Outcome in Patients with Aneurysmal Subarachnoid Hemorrhage. <i>Frontiers in Neurology</i> , 2017 , 8, 144	4.1	4
27	Regulation of gene expression by MF63, a selective inhibitor of microsomal PGE synthase 1 (mPGES1) in human osteoarthritic chondrocytes. <i>British Journal of Pharmacology</i> , 2020 , 177, 4134-4146	8.6	4
26	Metabolic Syndrome, Disease Activity, and Adipokines in Patients With Newly Diagnosed Inflammatory Joint Diseases. <i>Journal of Clinical Rheumatology</i> , 2021 , 27, e349-e356	1.1	4
25	ST2 levels increased and were associated with changes in left ventricular systolic function during a three-year follow-up after adjuvant radiotherapy for breast cancer. <i>Breast</i> , 2020 , 49, 183-186	3.6	4
24	Decreases in TGF- β and PDGF levels are associated with echocardiographic changes during adjuvant radiotherapy for breast cancer. <i>Radiation Oncology</i> , 2018 , 13, 201	4.2	4
23	Glycoprotein YKL-40 Is Elevated and Predicts Disease Severity in Puumala Hantavirus Infection. <i>Viruses</i> , 2019 , 11,	6.2	3
22	Status of inflammation and alcohol use in a 6-month follow-up study of patients with major depressive disorder. <i>Alcohol</i> , 2019 , 81, 21-26	2.7	3

21	Interleukin 8 and hepatocyte growth factor in predicting development of severe acute pancreatitis. <i>Cogent Medicine</i> , 2017 , 4, 1396634	1.4	3
20	Transient Receptor Potential Ankyrin 1 (TRPA1) Is Involved in Upregulating Interleukin-6 Expression in Osteoarthritic Chondrocyte Models. <i>International Journal of Molecular Sciences</i> , 2020 , 22,	6.3	3
19	Transient Receptor Potential Ankyrin 1 (TRPA1)-An Inflammation-Induced Factor in Human HaCaT Keratinocytes. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
18	Attenuating Effects of Nortrachelogenin on IL-4 and IL-13 Induced Alternative Macrophage Activation and on Bleomycin-Induced Dermal Fibrosis. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 13405-13413	5.7	3
17	The inflammatory regulation of TRPA1 expression in human A549 lung epithelial cells. <i>Pulmonary Pharmacology and Therapeutics</i> , 2021 , 70, 102059	3.5	3
16	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	3.5	2
15	Association of rheumatoid arthritis disease activity and antibodies to periodontal bacteria with serum lipoprotein profile in drug naive patients. <i>Annals of Medicine</i> , 2020 , 52, 32-42	1.5	2
14	PDE4 inhibitor rolipram inhibits the expression of microsomal prostaglandin E synthase-1 by a mechanism dependent on MAP kinase phosphatase-1. <i>Pharmacology Research and Perspectives</i> , 2017 , 5, e00363	3.1	2
13	Confined ischemia may improve remote myocardial outcome after rat cardiac arrest. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2014 , 74, 27-36	2	2
12	Pinosylin Shifts Macrophage Polarization to Support Resolution of Inflammation. <i>Molecules</i> , 2021 , 26,	4.8	2
11	Chondrocytes from Osteoarthritis Patients Adopt Distinct Phenotypes in Response to Central T1/T2/T17 Cytokines. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
10	Transforming growth factor beta 1 levels predict echocardiographic changes at three years after adjuvant radiotherapy for breast cancer. <i>Radiation Oncology</i> , 2019 , 14, 155	4.2	1
9	Monoamine oxidase A inhibition protects the myocardium after experimental acute volume overload. <i>Anatolian Journal of Cardiology</i> , 2019 , 21, 39-45	0.8	1
8	C4d Deposition Reveals Myocardial Infarction After Cardiac Arrest--Experimental Study. <i>Advances in Clinical and Experimental Medicine</i> , 2015 , 24, 393-9	1.8	1
7	Electroconvulsive therapy increases temporarily plasma vascular endothelial growth factor in patients with major depressive disorder. <i>Brain and Behavior</i> , 2021 , 11, e02001	3.4	1
6	The role of alcohol use and adiposity in serum levels of IL-1RA in depressed patients.. <i>BMC Psychiatry</i> , 2022 , 22, 158	4.2	1
5	Glucagon-like peptide-1 serum levels are associated with weight gain in patients treated with clozapine. <i>Psychiatry Research</i> , 2021 , 306, 114227	9.9	0
4	Adjuvant Breast Cancer Treatments Induce Changes in Homoarginine Level - A Prospective Observational Study. <i>Anticancer Research</i> , 2017 , 37, 6815-6824	2.3	

- 3 Pyrazine-fused triterpenoids block TRPA1 ion channel in vitro and inhibit TRPA1-mediated inflammation in vivo. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2018**, WCP2018, PO4-3-46 ○
- 2 Lung Injury After Neonatal Congenital Cardiac Surgery Is Mild and Modifiable by Corticosteroids. *Journal of Cardiothoracic and Vascular Anesthesia*, **2021**, 35, 2100-2107 2.1
- 1 Relationship Between Soluble Urokinase Plasminogen Activator Receptor (suPAR) and Disease Outcome in Adult-Onset Asthma.. *Journal of Asthma and Allergy*, **2022**, 15, 579-593 3.1