

# Mari Härmäläinen

## List of Publications by Year in descending order

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95  
papers

2,776  
citations

257101

24  
h-index

197535

49  
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all docs

95  
docs citations

95  
times ranked

5120  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-inflammatory Effects of Flavonoids: Genistein, Kaempferol, Quercetin, and Daidzein Inhibit STAT-1 and NF- $\kappa$ B Activations, Whereas Flavone, Isorhamnetin, Naringenin, and Pelargonidin Inhibit only NF- $\kappa$ B Activation along with Their Inhibitory Effect on iNOS Expression. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 1-10.	1.4	712
2	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.	1.0	158
3	Preclinical Evaluation of Rapeseed, Raspberry, and Pine Bark Phenolics for Health Related Effects. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 5922-5931.	2.4	120
4	Breast Milk Fatty Acids, Eicosanoids, and Cytokines in Mothers with and without Allergic Disease. <i>Pediatric Research</i> , 2003, 53, 642-647.	1.1	113
5	Effects of Flavonoids on Prostaglandin E <sub>2</sub> Production and on COX-2 and mPGES-1 Expressions in Activated Macrophages. <i>Planta Medica</i> , 2011, 77, 1504-1511.	0.7	95
6	Phenolic Extractives from the Bark of <i>Pinus sylvestris</i> L. and Their Effects on Inflammatory Mediators Nitric Oxide and Prostaglandin E <sub>2</sub> . <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 7532-7540.	2.4	89
7	Betulin Derivatives Effectively Suppress Inflammation in Vitro and in Vivo. <i>Journal of Natural Products</i> , 2016, 79, 274-280.	1.5	64
8	Natural Stilbenoids Have Anti-Inflammatory Properties <i>in Vivo</i> 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.	1.5	57
9	Cytokine and adipokine alterations in patients with schizophrenia treated with clozapine. <i>Psychiatry Research</i> , 2014, 218, 277-283.	1.7	56
10	Inhibition of iNOS expression and NO production by anti-inflammatory steroids. <i>Pulmonary Pharmacology and Therapeutics</i> , 2008, 21, 331-339.	1.1	51
11	YKL-40 as a Novel Factor Associated with Inflammation and Catabolic Mechanisms in Osteoarthritic Joints. <i>Mediators of Inflammation</i> , 2014, 2014, 1-7.	1.4	50
12	Transient receptor potential ankyrin 1 (TRPA1) is functionally expressed in primary human osteoarthritic chondrocytes. <i>Arthritis Research and Therapy</i> , 2016, 18, 185.	1.6	50
13	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.	1.5	49
14	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, 239-244.	1.7	46
15	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.	1.1	42
16	Breast Milk Fatty Acids May Link Innate and Adaptive Immune Regulation: Analysis of Soluble CD14, Prostaglandin E <sub>2</sub> , and Fatty Acids. <i>Pediatric Research</i> , 2006, 59, 723-727.	1.1	41
17	Attenuation of <i>TNF</i> production and experimentally induced inflammation by <i>PDE4</i> inhibitor rolipram is mediated by <i>MAPK</i> phosphatase-1. <i>British Journal of Pharmacology</i> , 2013, 169, 1525-1536.	2.7	41
18	IL-6 in Osteoarthritis: Effects of Pine Stilbenoids. <i>Molecules</i> , 2019, 24, 109.	1.7	40

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19	Acute leukocyte, cytokine and adipocytokine responses to maximal and hypertrophic resistance exercise bouts. <i>European Journal of Applied Physiology</i> , 2014, 114, 2607-2616.	1.2	39
20	Adipokines NUCB2/Nesfatin-1 and Visfatin as Novel Inflammatory Factors in Chronic Obstructive Pulmonary Disease. <i>Mediators of Inflammation</i> , 2014, 2014, 1-6.	1.4	32
21	Anti-Inflammatory Effects of $\beta_2$ -Receptor Agonists Salbutamol and Terbutaline Are Mediated by MKP-1. <i>PLoS ONE</i> , 2016, 11, e0148144.	1.1	31
22	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.	1.1	29
23	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.	1.1	27
24	The Inflammatory Phenotype in Failed Metal-On-Metal Hip Arthroplasty Correlates with Blood Metal Concentrations. <i>PLoS ONE</i> , 2016, 11, e0155121.	1.1	27
25	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	26
26	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.	1.1	24
27	Resistance training status modifies inflammatory response to explosive and hypertrophic resistance exercise bouts. <i>Journal of Physiology and Biochemistry</i> , 2017, 73, 595-604.	1.3	24
28	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.	1.6	23
29	Calcineurin inhibitors down-regulate iNOS expression by destabilising mRNA. <i>International Immunopharmacology</i> , 2009, 9, 159-167.	1.7	22
30	Pinosylvin Inhibits <i>TRPA</i> -induced Calcium Influx <i>In Vitro</i> and <i>TRPA</i> -mediated Acute Paw Inflammation <i>In Vivo</i> . <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 118, 238-242.	1.2	21
31	Transient Receptor Potential Ankyrin 1 (TRPA1) Is Involved in Upregulating Interleukin-6 Expression in Osteoarthritic Chondrocyte Models. <i>International Journal of Molecular Sciences</i> , 2021, 22, 87.	1.8	21
32	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.	1.6	20
33	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.	0.6	19
34	<i>PI3K</i> Inhibitors <i>LY294002</i> and <i>IC87114</i> 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.	1.2	18
35	Anti-rheumatic medication and salivary MMP-8, a biomarker for periodontal disease. <i>Oral Diseases</i> , 2018, 24, 1562-1571.	1.5	17
36	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.	1.1	16

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37	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, 858-866.	1.3	15
38	Adipsin Is Associated with Multiple Sclerosis: A Follow-Up Study of Adipokines. <i>Multiple Sclerosis International</i> , 2015, 2015, 1-9.	0.4	15
39	Increased plasma UCH-L1 after aneurysmal subarachnoid hemorrhage is associated with unfavorable neurological outcome. <i>Journal of the Neurological Sciences</i> , 2016, 361, 144-149.	0.3	15
40	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.	0.7	15
41	Effect of electroconvulsive therapy on brain-derived neurotrophic factor levels in patients with major depressive disorder. <i>Brain and Behavior</i> , 2018, 8, e01101.	1.0	15
42	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.	2.0	15
43	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.	0.5	14
44	Glycoprotein YKL-40 Levels in Plasma Are Associated with Fibrotic Changes on HRCT in Asbestos-Exposed Subjects. <i>Mediators of Inflammation</i> , 2017, 2017, 1-7.	1.4	14
45	Pinosylin Shifts Macrophage Polarization to Support Resolution of Inflammation. <i>Molecules</i> , 2021, 26, 2772.	1.7	14
46	Dexamethasone-eluting Vascular Stents. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2013, 112, 296-301.	1.2	13
47	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.	1.2	13
48	Inhibition of monoamine oxidase A increases recovery after experimental cardiac arrest. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015, 21, 441-449.	0.5	12
49	Resistin as an inflammatory marker in patients with schizophrenia treated with clozapine. <i>Nordic Journal of Psychiatry</i> , 2017, 71, 89-95.	0.7	12
50	High plasma resistin associates with severe acute kidney injury in Puumala hantavirus infection. <i>PLoS ONE</i> , 2018, 13, e0208017.	1.1	12
51	High baseline Tie1 level predicts poor survival in metastatic breast cancer. <i>BMC Cancer</i> , 2019, 19, 732.	1.1	12
52	Diazoxide may protect endothelial glycocalyx integrity during coronary artery bypass grafting. <i>Scandinavian Cardiovascular Journal</i> , 2012, 46, 339-344.	0.4	11
53	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.	0.6	11
54	Activity of rheumatoid arthritis correlates with oral inflammatory burden. <i>Rheumatology International</i> , 2018, 38, 1661-1669.	1.5	11

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55	Transient Receptor Potential Ankyrin 1 (TRPA1) An Inflammation-Induced Factor in Human HaCaT Keratinocytes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3322.	1.8	11
56	The inflammatory regulation of TRPA1 expression in human A549 lung epithelial cells. <i>Pulmonary Pharmacology and Therapeutics</i> , 2021, 70, 102059.	1.1	11
57	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.	1.7	10
58	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.	0.8	9
59	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.	0.3	9
60	Pyrazine-Fused Triterpenoids Block the TRPA1 Ion Channel <i>in Vitro</i> and Inhibit TRPA1-Mediated Acute Inflammation <i>in Vivo</i> . <i>ACS Chemical Neuroscience</i> , 2019, 10, 2848-2857.	1.7	9
61	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.	0.9	9
62	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, 322-328.	1.2	8
63	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.	1.8	8
64	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.	1.6	8
65	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.	1.7	8
66	Chondrocytes from Osteoarthritis Patients Adopt Distinct Phenotypes in Response to Central TH1/TH2/TH17 Cytokines. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9463.	1.8	8
67	Metabolic Syndrome, Disease Activity, and Adipokines in Patients With Newly Diagnosed Inflammatory Joint Diseases. <i>Journal of Clinical Rheumatology</i> , 2021, 27, e349-e356.	0.5	8
68	Effects of Lingonberry ( <i>Vaccinium vitis-idaea</i> L.) Supplementation on Hepatic Gene Expression in High-Fat Diet Fed Mice. <i>Nutrients</i> , 2021, 13, 3693.	1.7	8
69	<i>INSIG2</i> polymorphism and weight gain, dyslipidemia and serum adiponectin in Finnish patients with schizophrenia treated with clozapine. <i>Pharmacogenomics</i> , 2016, 17, 1987-1997.	0.6	7
70	Decreases in TGF- $\beta$ 1 and PDGF levels are associated with echocardiographic changes during adjuvant radiotherapy for breast cancer. <i>Radiation Oncology</i> , 2018, 13, 201.	1.2	7
71	Glycoprotein YKL-40 Is Elevated and Predicts Disease Severity in Puumala Hantavirus Infection. <i>Viruses</i> , 2019, 11, 767.	1.5	7
72	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.	0.8	7

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73	Muraglitazar-Eluting Bioabsorbable Vascular Stent Inhibits Neointimal Hyperplasia in Porcine Iliac Arteries. <i>Journal of Vascular and Interventional Radiology</i> , 2015, 26, 124-130.	0.2	6
74	Inflammation status of healthy young men: initial and specific responses to resistance training. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 252-258.	0.9	6
75	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.	1.2	6
76	Electroconvulsive therapy increases temporarily plasma vascular endothelial growth factor in patients with major depressive disorder. <i>Brain and Behavior</i> , 2021, 11, e02001.	1.0	6
77	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.	2.7	6
78	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.	1.1	5
79	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.	0.9	5
80	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.	0.9	5
81	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	5
82	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.	2.4	4
83	Interleukin 8 and hepatocyte growth factor in predicting development of severe acute pancreatitis. <i>Cogent Medicine</i> , 2017, 4, 1396634.	0.7	3
84	<sc>PDE</sc>4 inhibitor rolipram inhibits the expression of microsomal prostaglandin E synthase by a mechanism dependent on <sc>MAP</sc> kinase phosphatase. <i>Pharmacology Research and Perspectives</i> , 2017, 5, e00363.	1.1	3
85	Monoamine oxidase A inhibition protects the myocardium after experimental acute volume-overload. <i>Anatolian Journal of Cardiology</i> , 2018, 21, 39-45.	0.5	3
86	Dexamethasone Attenuates the Expression of MMP-13 in Chondrocytes through MKP-1. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3880.	1.8	3
87	Confined ischemia may improve remote myocardial outcome after rat cardiac arrest. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2014, 74, 27-36.	0.6	2
88	Effects of ibuprofen on gene expression in chondrocytes from patients with osteoarthritis as determined by RNA-Seq. <i>RMD Open</i> , 2021, 7, e001657.	1.8	2
89	Glucagon-like peptide-1 serum levels are associated with weight gain in patients treated with clozapine. <i>Psychiatry Research</i> , 2021, 306, 114227.	1.7	2
90	Lung Injury After Neonatal Congenital Cardiac Surgery Is Mild and Modifiable by Corticosteroids. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 2100-2107.	0.6	1

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91	C4d Deposition Reveals Myocardial Infarction After Cardiac Arrest -Experimental Study. <i>Advances in Clinical and Experimental Medicine</i> , 2015, 24, 393-399.	0.6	1
92	The role of alcohol use and adiposity in serum levels of IL-1RA in depressed patients. <i>BMC Psychiatry</i> , 2022, 22, 158.	1.1	1
93	Adjuvant Breast Cancer Treatments Induce Changes in Homoarginine Level – A Prospective Observational Study. <i>Anticancer Research</i> , 2017, 37, 6815-6824.	0.5	0
94	Pyrazine-fused triterpenoids block TRPA1 ion channel in vitro and inhibit TRPA1-mediated inflammation in vivo. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO4-3-46.	0.0	0
95	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.	1.5	0