

# Kayo Masuko

## List of Publications by Year in descending order

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104  
papers

3,268  
citations

126858

33  
h-index

155592

55  
g-index

104  
all docs

104  
docs citations

104  
times ranked

4293  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential involvement of oxidative stress in cartilage senescence and development of osteoarthritis: oxidative stress induces chondrocyte telomere instability and downregulation of chondrocyte function. <i>Arthritis Research</i> , 2005, 7, R380.	2.0	315
2	The potential role of vascular endothelial growth factor (VEGF) in cartilage. <i>Osteoarthritis and Cartilage</i> , 2008, 16, 279-286.	0.6	151
3	Comparative analysis of gene expression profiles in intact and damaged regions of human osteoarthritic cartilage. <i>Arthritis and Rheumatism</i> , 2006, 54, 808-817.	6.7	146
4	Catabolic stress induces features of chondrocyte senescence through overexpression of caveolin 1: Possible involvement of caveolin 1-induced down-regulation of articular chondrocytes in the pathogenesis of osteoarthritis. <i>Arthritis and Rheumatism</i> , 2006, 54, 818-831.	6.7	140
5	Up-regulation of microsomal prostaglandin E synthase 1 in osteoarthritic human cartilage: Critical roles of the ERK-1/2 and p38 signaling pathways. <i>Arthritis and Rheumatism</i> , 2004, 50, 2829-2838.	6.7	124
6	Identification of novel citrullinated autoantigens of synovium in rheumatoid arthritis using a proteomic approach. <i>Arthritis Research and Therapy</i> , 2006, 8, R175.	1.6	120
7	The role of subchondral bone resorption pits in osteoarthritis: MMP production by cells derived from bone marrow. <i>Osteoarthritis and Cartilage</i> , 2005, 13, 679-687.	0.6	85
8	A Potential Role of 15-Deoxy- $\Delta^{12,14}$ -prostaglandin J <sub>2</sub> for Induction of Human Articular Chondrocyte Apoptosis in Arthritis. <i>Journal of Biological Chemistry</i> , 2004, 279, 37939-37950.	1.6	82
9	Presence of pannus-like tissue on osteoarthritic cartilage and its histological character. <i>Osteoarthritis and Cartilage</i> , 2003, 11, 133-140.	0.6	74
10	Immunologic intervention in the pathogenesis of osteoarthritis. <i>Arthritis and Rheumatism</i> , 2003, 48, 602-611.	6.7	72
11	Water-soluble C60 fullerene prevents degeneration of articular cartilage in osteoarthritis via down-regulation of chondrocyte catabolic activity and inhibition of cartilage degeneration during disease development. <i>Arthritis and Rheumatism</i> , 2007, 56, 3307-3318.	6.7	71
12	High frequencies of identical T cell clonotypes in synovial tissues of rheumatoid arthritis patients suggest the occurrence of common antigen-driven immune responses. <i>Arthritis and Rheumatism</i> , 1996, 39, 446-453.	6.7	70
13	Expression of proteinase-activated receptors (PAR)-2 in articular chondrocytes is modulated by IL-1 $\beta$ , TNF- $\alpha$ and TGF- $\beta$ . <i>Osteoarthritis and Cartilage</i> , 2006, 14, 1163-1173.	0.6	70
14	Implication of granulocyte-macrophage colony-stimulating factor induced neutrophil gelatinase-associated lipocalin in pathogenesis of rheumatoid arthritis revealed by proteome analysis. <i>Arthritis Research and Therapy</i> , 2009, 11, R3.	1.6	69
15	Anti-inflammatory effects of hyaluronan in arthritis therapy: Not just for viscosity. <i>International Journal of General Medicine</i> , 2009, 2, 77.	0.8	67
16	Rheumatoid Cachexia Revisited: A Metabolic Co-Morbidity in Rheumatoid Arthritis. <i>Frontiers in Nutrition</i> , 2014, 1, 20.	1.6	66
17	Water-soluble fullerene (c60) inhibits the development of arthritis in the rat model of arthritis. <i>International Journal of Nanomedicine</i> , 2009, 4, 217.	3.3	61
18	Recognition of YKL-39, a human cartilage related protein, as a target antigen in patients with rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2001, 60, 49-54.	0.5	53

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19	Effects of glucosamine administration on patients with rheumatoid arthritis. <i>Rheumatology International</i> , 2006, 27, 213-218.	1.5	53
20	Hypoxia upregulates the expression of angiotensin II in human articular chondrocytes: Role of angiotensin II in the expression of matrix metalloproteinases and cartilage degradation. <i>Journal of Orthopaedic Research</i> , 2009, 27, 50-57.	1.2	53
21	Characterization of cells from pannus-like tissue over articular cartilage of advanced osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2004, 12, 38-45.	0.6	51
22	Dynamic changes of accumulated T cell clonotypes during antigenic stimulation in vivo and in vitro. <i>International Immunology</i> , 1994, 6, 1959-1966.	1.8	49
23	Proteomic surveillance of autoimmunity in Behcet's disease with uveitis: Selenium binding protein is a novel autoantigen in Behcet's disease. <i>Experimental Eye Research</i> , 2007, 84, 823-831.	1.2	48
24	Protein profiles of peripheral blood mononuclear cells are useful for differential diagnosis of ulcerative colitis and Crohn's disease. <i>Journal of Gastroenterology</i> , 2010, 45, 488-500.	2.3	44
25	Fibulin-4 Is a Target of Autoimmunity Predominantly in Patients with Osteoarthritis. <i>Journal of Immunology</i> , 2006, 176, 3196-3204.	0.4	43
26	Type II collagen is a target antigen of clonally expanded T cells in the synovium of patients with rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 1999, 58, 446-450.	0.5	42
27	The prevalence of autoantibodies against cartilage intermediate layer protein, YKL-39, osteopontin, and cyclic citrullinated peptide in patients with early-stage knee osteoarthritis: evidence of a variety of autoimmune processes. <i>Rheumatology International</i> , 2005, 26, 35-41.	1.5	40
28	Distinct signaling pathways are involved in hypoxia- and IL-1-induced VEGF expression in human articular chondrocytes. <i>Journal of Orthopaedic Research</i> , 2006, 24, 1544-1554.	1.2	40
29	Expression of Angiotensin II Receptor-1 in Human Articular Chondrocytes. <i>Arthritis</i> , 2012, 2012, 1-7.	2.0	40
30	Virus-associated arthritis. <i>Best Practice and Research in Clinical Rheumatology</i> , 2003, 17, 309-318.	1.4	38
31	Clonal Expansion of T Cells That Are Specific for Autologous Ovarian Tumor among Tumor-Infiltrating T Cells in Humans I. <i>Gynecologic Oncology</i> , 1999, 74, 86-92.	0.6	37
32	Expression of the anaphylatoxin receptor C5aR (CD88) by human articular chondrocytes. <i>Rheumatology International</i> , 2002, 22, 52-55.	1.5	37
33	Induction of vascular endothelial growth factor and matrix metalloproteinase-3 (stromelysin) by interleukin-1 in human articular chondrocytes and synoviocytes. <i>Rheumatology International</i> , 2005, 26, 93-98.	1.5	34
34	Comprehensive investigation of disease-specific short peptides in sera from patients with systemic sclerosis: Complement C3f-des-arginine, detected predominantly in systemic sclerosis sera, enhances proliferation of vascular endothelial cells. <i>Arthritis and Rheumatism</i> , 2007, 56, 2018-2030.	6.7	33
35	Sphingosine-1-phosphate attenuates proteoglycan aggrecan expression via production of prostaglandin E2 from human articular chondrocytes. <i>BMC Musculoskeletal Disorders</i> , 2007, 8, 29.	0.8	33
36	Establishment and application of a novel T cell clonality analysis using single-strand conformation polymorphism of T cell receptor messenger signals. <i>Human Immunology</i> , 1996, 48, 23-31.	1.2	32

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37	Suppressive effects of hyaluronan on MMP-1 and RANTES production from chondrocytes. <i>Rheumatology International</i> , 2006, 26, 185-190.	1.5	31
38	Involvement of post-translational modification of neuronal plasticity-related proteins in hyperalgesia revealed by a proteomic analysis. <i>Proteomics</i> , 2008, 8, 1706-1719.	1.3	31
39	Water-soluble fullerene (C60) inhibits the osteoclast differentiation and bone destruction in arthritis. <i>International Journal of Nanomedicine</i> , 2009, 4, 233.	3.3	27
40	Correlation of clonal T cell expansion with disease activity in systemic lupus erythematosus. <i>International Immunology</i> , 1997, 9, 547-554.	1.8	26
41	Peroxiredoxin 2 is a novel autoantigen for anti-endothelial cell antibodies in systemic vasculitis. <i>Clinical and Experimental Immunology</i> , 2010, 161, 459-470.	1.1	25
42	Analysis of accumulated T cell clonotypes in patients with systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2000, 43, 2712-2721.	6.7	24
43	Comparison of the $\beta 2$ gene usage among different T cell receptor $\beta 2$ families in spleens of C57BL/6 mice. <i>European Journal of Immunology</i> , 1994, 24, 2410-2414.	1.6	23
44	Enhanced production of MMP-1, MMP-3, MMP-13, and RANTES by interaction of chondrocytes with autologous T cells. <i>Rheumatology International</i> , 2006, 26, 984-990.	1.5	23
45	Prostaglandin E2 regulates the expression of connective tissue growth factor (CTGF/CCN2) in human osteoarthritic chondrocytes via the EP4 receptor. <i>BMC Research Notes</i> , 2010, 3, 5.	0.6	23
46	A Potential Benefit of a Balanced Diet for Rheumatoid Arthritis. <i>Frontiers in Medicine</i> , 2018, 5, 141.	1.2	23
47	Clonal prevalence of T cells infiltrating into the pancreas of prediabetic non-obese diabetic mice. <i>International Immunology</i> , 1996, 8, 807-814.	1.8	22
48	Long term persistent accumulation of CD8+ T cells in synovial fluid of rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 1997, 56, 613-620.	0.5	21
49	Frequent clonal expansion of peripheral T cells in patients with autoimmune diseases: A novel detecting system possibly applicable to laboratory examination. , 1998, 12, 162-167.		20
50	Proteomic Surveillance of Autoantigens in Relapsing Polychondritis. <i>Microbiology and Immunology</i> , 2006, 50, 117-126.	0.7	20
51	Comprehensive analysis of short peptides in sera from patients with IgA nephropathy. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 3720-3728.	0.7	20
52	Proteomic surveillance of autoantigens in patients with Behcet's disease by a proteomic approach. <i>Microbiology and Immunology</i> , 2010, 54, 354-361.	0.7	19
53	Identification of autoantigens specific for systemic lupus erythematosus with central nervous system involvement. <i>Lupus</i> , 2010, 19, 717-726.	0.8	18
54	Angiopoietin-like 4: A molecular link between insulin resistance and rheumatoid arthritis. <i>Journal of Orthopaedic Research</i> , 2017, 35, 939-943.	1.2	17

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55	Time course analysis of $\hat{1}\pm+\hat{1}^2+$ T cell clones during normal pregnancy. <i>European Journal of Immunology</i> , 1996, 26, 834-838.	1.6	16
56	Characterisation of T cell clonotypes that accumulated in multiple joints of patients with rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 1999, 58, 546-553.	0.5	16
57	Characterisation of cartilage intermediate layer protein (CILP)-induced arthropathy in mice. <i>Annals of the Rheumatic Diseases</i> , 2004, 63, 252-258.	0.5	16
58	Proteomic surveillance of retinal autoantigens in endogenous uveitis: implication of esterase D and brain-type creatine kinase as novel autoantigens. <i>Molecular Vision</i> , 2008, 14, 1094-104.	1.1	15
59	Sphingosine-1-phosphate modulates expression of vascular endothelial growth factor in human articular chondrocytes: a possible new role in arthritis. <i>International Journal of Rheumatic Diseases</i> , 2012, 15, 366-373.	0.9	14
60	Expression of Fas-associated death domain-like interleukin-1 $\beta$ -converting enzyme (FLICE) inhibitory protein (FLIP) in human articular chondrocytes: possible contribution to the resistance to Fas-mediated death of in vitro cultured human articular chondrocytes. <i>Rheumatology International</i> , 2001, 21, 112-121.	1.5	12
61	Layilin, a talin-binding hyaluronan receptor, is expressed in human articular chondrocytes and synoviocytes and is down-regulated by interleukin-1 $\beta$ . <i>Modern Rheumatology</i> , 2013, 23, 478-488.	0.9	12
62	Functional somatic syndrome: how it could be relevant to rheumatologists. <i>Modern Rheumatology</i> , 2007, 17, 179-184.	0.9	12
63	Amelioration of lymphoid hyperplasia and hypergammaglobulinemia in lupus-prone mice (gld) by Fas-ligand gene transfer. <i>Journal of Autoimmunity</i> , 1998, 11, 301-307.	3.0	11
64	Paired cloning of the T cell receptor $\hat{1}\pm$ and $\hat{1}^2$ genes from a single T cell without the establishment of a T cell clone. <i>Clinical and Experimental Immunology</i> , 2001, 123, 340-345.	1.1	11
65	CrossLinking of the CD69 Molecule Enhances S100A9 Production in Activated Neutrophils. <i>Microbiology and Immunology</i> , 2007, 51, 87-98.	0.7	11
66	Functional somatic syndrome: how it could be relevant to rheumatologists. <i>Modern Rheumatology</i> , 2007, 17, 179-184.	0.9	10
67	CHARACTERIZATION OF T CELL RECEPTOR ?? CHAINS OF ACCUMULATING T CELLS IN SKIN ALLOGRAFTS IN MICE1. <i>Transplantation</i> , 1996, 62, 266-272.	0.5	10
68	T-cell clonotypes specific for <i>Dermatophagoides pteronyssinus</i> in the skin lesions of patients with atopic dermatitis. <i>Human Immunology</i> , 2002, 63, 558-566.	1.2	9
69	Proteomic analysis of the rat cerebellar flocculus during vestibular compensation. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2009, 19, 83-94.	0.8	9
70	Layilin, a talin-binding hyaluronan receptor, is expressed in human articular chondrocytes and synoviocytes and is down-regulated by interleukin-1 $\beta$ . <i>Modern Rheumatology</i> , 2013, 23, 478-488.	0.9	9
71	Disappearance of clonally expanded T cells after allogeneic leukocyte immunotherapy in peripheral blood of patients with habitual abortion. <i>Human Immunology</i> , 2001, 62, 1111-1121.	1.2	8
72	Arthritogenicity of annexin VII revealed by phosphoproteomics of rheumatoid synoviocytes. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 1489-1495.	0.5	8

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73	Chemotherapy alters subjective senses of taste and smell but not dietary patterns in Japanese lung cancer patients. <i>Supportive Care in Cancer</i> , 2020, 28, 1667-1674.	1.0	8
74	Effect of IL15 on T cell clonality in vitro and in the synovial fluid of patients with rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2000, 59, 688-694.	0.5	8
75	Will the COVID-19 pandemic trigger future occurrence of autoimmunity like Sjögren's syndrome?. <i>International Journal of Rheumatic Diseases</i> , 2021, 24, 963-965.	0.9	6
76	T-Cell Clonal Change after Allo-Kidney Transplantation in Humans. <i>Scandinavian Journal of Immunology</i> , 1998, 48, 300-306.	1.3	5
77	A suppressive effect of prostaglandin E2 on the expression of SERPINE1/plasminogen activator inhibitor-1 in human articular chondrocytes: An in vitro pilot study. <i>Open Access Rheumatology: Research and Reviews</i> , 2009, 1, 9.	0.8	4
78	Accumulation of Identical T Cell Clones in the Right and Left Lobes of the Thyroid Gland in Patients with Graves' Disease. Analysis of T Cell Clonotype in vivo.. <i>Endocrine Journal</i> , 2000, 47, 127-136.	0.7	3
79	Potential food-drug interactions in patients with rheumatoid arthritis. <i>International Journal of Rheumatic Diseases</i> , 2013, 16, 122-128.	0.9	3
80	Phosphoproteome analysis of synoviocytes from patients with rheumatoid arthritis. <i>International Journal of Rheumatic Diseases</i> , 2017, 20, 708-721.	0.9	3
81	Glucose as a Potential Key to Fuel Inflammation in Rheumatoid Arthritis. <i>Nutrients</i> , 2022, 14, 2349.	1.7	3
82	High Frequencies of Identical T-Cell Clonotypes Accumulating in Different Areas of Synovial Lesions of Rheumatoid Arthritis Patients. <i>Annals of the New York Academy of Sciences</i> , 1995, 756, 208-210.	1.8	2
83	Contribution of the T cell receptor B <sub>J</sub> gene to recognition of the P91A tumor antigen in DBA/2 mice. <i>Cancer Immunology, Immunotherapy</i> , 1998, 46, 93-103.	2.0	2
84	Prognostic value of Th1/Th2 ratio in rheumatoid arthritis. <i>Lancet, The</i> , 1998, 352, 988-989.	6.3	2
85	The Role of Inflammatory Mediators in Cartilage Degradation. <i>Current Rheumatology Reviews</i> , 2005, 1, 119-124.	0.4	2
86	Contribution of Dietary Factors to Peroxisome Proliferator-Activated Receptor-Mediated Inflammatory Signaling in Arthritic Diseases. <i>Current Rheumatology Reviews</i> , 2012, 8, 134-140.	0.4	2
87	Editorial: Nutrition and Metabolism in Rheumatic Diseases. <i>Frontiers in Medicine</i> , 2019, 6, 101.	1.2	2
88	Modulation of Mast Cell Function by Amino Acids In vitro: A Potential Mechanism of Immunonutrition for Wound Healing.. <i>Journal of Nutritional Health &amp; Food Science</i> , 2013, 1, .	0.3	2
89	Potential Impact of Nutritional Knowledge on Dietary Intake and Bone Mineral Density among Japanese Women. <i>International Journal of Osteoporosis and Metabolic Disorders</i> , 2011, 5, 25-31.	0.3	2
90	Studies of xeno tissue typing: Xeno MLR and southern blotting using HLA, C4A, Bf, and SLA cDNA probes and TCRV-β2 clonotyping. <i>Transplantation Proceedings</i> , 1997, 29, 3019-3021.	0.3	1

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91	Comparison of Tâ€Cell Receptor JÎ² Gene Usage in Spleen Cells of Different Mouse Strains. Microbiology and Immunology, 1999, 43, 93-97.	0.7	1
92	A Potential Role of Diet in Modulating Peroxisome Proliferator-Activated Receptor (PPAR)-Mediated Signalling in Arthritis. Current Rheumatology Reviews, 2009, 5, 246-251.	0.4	1
93	Distinct Patterns of Dietary Intake in Different Functional Classes of Patients With Rheumatoid Arthritis. Topics in Clinical Nutrition, 2017, 32, 141-151.	0.2	1
94	T cell clonality and transplantation. Cell Transplantation, 1995, 4, S7-S8.	1.2	0
95	T-cell clonotype assay as immunological monitoring in renal and bone marrow transplantations. Transplantation Proceedings, 1997, 29, 716-718.	0.3	0
96	Molecular transplantation: delivery of membranous proteins onto live cells. Analytical Biochemistry, 2005, 340, 184-186.	1.1	0
97	Editorial [Hot topic: Nutritional Elements: Could they Play a Role in the Treatment of Arthritis? (Guest) Tj ETQq1 1 0,784314 rgBT /Overl 0,4 9	0.4	0
98	From Bench to Clinic in Future. Trends in the Sciences, 2003, 8, 92-93.	0.0	0
99	The role of hypoxia-inducible factor (HIF)-1.ALPHA. in the pathogenesis of osteoarthritis. Ensho Saisei, 2005, 25, 164-168.	0.2	0
100	A Potential Role of Angiogenetic Factors in Cartilage Degradation. Journal of the Society of Japanese Women Scientists, 2008, 9, 46-50.	0.0	0
101	Expression of Prostaglandin E2 Receptors in Chondrocytes: a Potential Therapeutic Target in the Treatment of Osteoarthritis?. Journal of the Society of Japanese Women Scientists, 2009, 10, 47-51.	0.0	0
102	A Report of Visit to Canadian Institutes and Schools by the Japan-Canada WISET Exchange Lectureship. Trends in the Sciences, 2009, 14, 80-85.	0.0	0
103	A Potential Role of Fructose to Modulate Fibroblast Growth and Expression of Connective Tissue Growth Factor In vitro. Advances in Research, 2016, 6, 1-7.	0.3	0
104	Chronic Asymptomatic Hyperenzymemia of the Pancreas Suggestive of the Presence of Undiagnosed SjÄ†gren Syndrome. Pancreas, 2020, 49, e85-e86.	0.5	0