

# Katalin Mikecz

## List of Publications by Year in descending order

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35  
papers

1,776  
citations

377584

21  
h-index

466096

32  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1431  
citing authors

#	ARTICLE	IF	CITATIONS
1	Restoring the Balance between Pro-Inflammatory and Anti-Inflammatory Cytokines in the Treatment of Rheumatoid Arthritis: New Insights from Animal Models. <i>Biomedicines</i> , 2022, 10, 44.	1.4	12
2	Vaccination by Two DerG LEAPS Conjugates Incorporating Distinct Proteoglycan (PG, Aggrecan) Epitopes Provides Therapy by Different Immune Mechanisms in a Mouse Model of Rheumatoid Arthritis. <i>Vaccines</i> , 2021, 9, 448.	2.1	7
3	Regulation of autoimmune arthritis by the SHP-1 tyrosine phosphatase. <i>Arthritis Research and Therapy</i> , 2020, 22, 160.	1.6	11
4	Amelioration of Autoimmune Arthritis in Mice Treated With the DNA Methyltransferase Inhibitor 5-azacytidine. <i>Arthritis and Rheumatology</i> , 2019, 71, 1265-1275.	2.9	22
5	Citrullinated Aggrecan Epitopes as Targets of Autoreactive CD4+ T Cells in Patients With Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2019, 71, 518-528.	2.9	47
6	Editorial: Ratiometric Optical Imaging of Subclinical Inflammation With a Thrombin-Cleavable Probe: A Future Tool for the In Vivo Visualization of Clinically Silent Synovitis?. <i>Arthritis and Rheumatology</i> , 2018, 70, 4-6.	2.9	0
7	An epitope-specific DerG-PG70 LEAPS vaccine modulates T cell responses and suppresses arthritis progression in two related murine models of rheumatoid arthritis. <i>Vaccine</i> , 2017, 35, 4048-4056.	1.7	18
8	Modified High-Molecular-Weight Hyaluronan Promotes Allergen-Specific Immune Tolerance. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 109-120.	1.4	30
9	Enigma of IL-17 and Th17 Cells in Rheumatoid Arthritis and in Autoimmune Animal Models of Arthritis. <i>Mediators of Inflammation</i> , 2016, 2016, 1-11.	1.4	66
10	Characterization and Localization of Citrullinated Proteoglycan Aggrecan in Human Articular Cartilage. <i>PLoS ONE</i> , 2016, 11, e0150784.	1.1	13
11	FTY720 (Gilenya) treatment prevents spontaneous autoimmune myocarditis and dilated cardiomyopathy in transgenic HLA-DQ8-BALB/c mice. <i>Cardiovascular Pathology</i> , 2016, 25, 353-361.	0.7	4
12	Immune Recognition of Citrullinated Proteoglycan Aggrecan Epitopes in Mice with Proteoglycan-Induced Arthritis and in Patients with Rheumatoid Arthritis. <i>PLoS ONE</i> , 2016, 11, e0160284.	1.1	20
13	Identification of myeloid-derived suppressor cells in the synovial fluid of patients with rheumatoid arthritis: a pilot study. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 281.	0.8	45
14	Of mice and men: how animal models advance our understanding of T-cell function in RA. <i>Nature Reviews Rheumatology</i> , 2014, 10, 160-170.	3.5	50
15	Suppression of Proteoglycan-Induced Autoimmune Arthritis by Myeloid-Derived Suppressor Cells Generated In Vitro from Murine Bone Marrow. <i>PLoS ONE</i> , 2014, 9, e111815.	1.1	34
16	The role of citrullination of an immunodominant proteoglycan (PG) aggrecan T cell epitope in BALB/c mice with PG-induced arthritis. <i>Immunology Letters</i> , 2013, 152, 25-31.	1.1	10
17	In vivo two-photon imaging of T cell motility in joint-draining lymph nodes in a mouse model of rheumatoid arthritis. <i>Cellular Immunology</i> , 2012, 278, 158-165.	1.4	8
18	Suppression of dendritic cell maturation and T cell proliferation by synovial fluid myeloid cells from mice with autoimmune arthritis. <i>Arthritis and Rheumatism</i> , 2012, 64, 3179-3188.	6.7	53

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19	Proteoglycan-induced arthritis and recombinant human proteoglycan aggrecan G1 domain-induced arthritis in BALB/c mice resembling two subtypes of rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2011, 63, 1312-1321.	6.7	54
20	Soluble CD14 in synovial fluid from patients with OA and meniscal injury modulates the response of synovial fibroblasts to LPS. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, A34-A35.	0.5	0
21	Development of proteoglycan-induced arthritis depends on T cell-supported autoantibody production, but does not involve significant influx of T cells into the joints. <i>Arthritis Research and Therapy</i> , 2010, 12, R44.	1.6	21
22	Th1/Th17 polarization and acquisition of an arthritogenic phenotype in arthritis-susceptible BALB/c, but not in MHC-matched, arthritis-resistant DBA/2 mice. <i>International Immunology</i> , 2009, 21, 511-522.	1.8	30
23	Age-related changes in arthritis susceptibility and severity in a murine model of rheumatoid arthritis. <i>Immunity and Ageing</i> , 2009, 6, 8.	1.8	25
24	CD44-specific antibody treatment and CD44 deficiency exert distinct effects on leukocyte recruitment in experimental arthritis. <i>Blood</i> , 2008, 112, 4999-5006.	0.6	51
25	Expression of CD44 and L-Selectin in the Innate Immune System Is Required for Severe Joint Inflammation in the Proteoglycan-Induced Murine Model of Rheumatoid Arthritis. <i>Journal of Immunology</i> , 2006, 177, 1932-1940.	0.4	29
26	T-cell recognition of differentially tolerated epitopes of cartilage proteoglycan aggrecan in arthritis. <i>Cellular Immunology</i> , 2005, 235, 98-108.	1.4	33
27	Proteoglycan Aggrecan-Induced Arthritis: A Murine Autoimmune Model of Rheumatoid Arthritis. , 2004, 102, 313-338.		56
28	Achievement of a synergistic adjuvant effect on arthritis induction by activation of innate immunity and forcing the immune response toward the Th1 phenotype. <i>Arthritis and Rheumatism</i> , 2004, 50, 1665-1676.	6.7	76
29	Induction of arthritis in HLA-DR4-humanized and HLA-DQ8-humanized mice by human cartilage proteoglycan aggrecan but only in the presence of an appropriate (non-MHC) genetic background. <i>Arthritis and Rheumatism</i> , 2004, 50, 1984-1995.	6.7	30
30	Combined Autoimmune Models of Arthritis Reveal Shared and Independent Qualitative (Binary) and Quantitative Trait Loci. <i>Journal of Immunology</i> , 2003, 170, 2283-2292.	0.4	59
31	Proteoglycan-Induced Arthritis: Immune Regulation, Cellular Mechanisms, and Genetics. <i>Critical Reviews in Immunology</i> , 2003, 23, 199-250.	1.0	121
32	T and B Cell Recovery in Arthritis Adoptively Transferred to SCID Mice: Antigen-Specific Activation Is Required for Restoration of Autopathogenic CD4+ Th1 Cells in a Syngeneic System. <i>Journal of Immunology</i> , 2002, 168, 6013-6021.	0.4	43
33	Progressive polyarthritis induced in BALB/c mice by aggrecan from normal and osteoarthritic human cartilage. <i>Arthritis and Rheumatism</i> , 1998, 41, 1007-1018.	6.7	74
34	Proteoglycan-induced arthritis in balb/c mice. <i>Arthritis and Rheumatism</i> , 1987, 30, 201-212.	6.7	463
35	Immunity to cartilage proteoglycans in balb/c mice with progressive polyarthritis and ankylosing spondylitis induced by injection of human cartilage proteoglycan. <i>Arthritis and Rheumatism</i> , 1987, 30, 306-318.	6.7	161