Keishi Fujio

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	CD4 ⁺ CD25 ^{â[~]} LAG3 ⁺ regulatory T cells controlled by the transcription factor Egr-2. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13974-13979.	7.1	203
2	Sialylation converts arthritogenic IgG into inhibitors of collagen-induced arthritis. Nature Communications, 2016, 7, 11205.	12.8	148
3	Dynamic landscape of immune cell-specific gene regulation in immune-mediated diseases. Cell, 2021, 184, 3006-3021.e17.	28.9	147
4	The Family of IL-10-Secreting CD4+ T Cells. Advances in Immunology, 2010, 105, 99-130.	2.2	143
5	Polygenic burdens on cell-specific pathways underlie the risk of rheumatoid arthritis. Nature Genetics, 2017, 49, 1120-1125.	21.4	130
6	The Multicenter Study of a New Assay for Simultaneous Detection of Multiple Anti-Aminoacyl-tRNA Synthetases in Myositis and Interstitial Pneumonia. PLoS ONE, 2014, 9, e85062.	2.5	104
7	TGF-β3-expressing CD4+CD25â^'LAG3+ regulatory T cells control humoral immune responses. Nature Communications, 2015, 6, 6329.	12.8	100
8	Molecular and functional heterogeneity of IL-10-producing CD4+ T cells. Nature Communications, 2018, 9, 5457.	12.8	93
9	Egrâ€2 transcription factor is required for Blimpâ€1â€mediated ILâ€10 production in ILâ€27â€stimulated CD4 ⁺ T cells. European Journal of Immunology, 2013, 43, 1063-1073.	2.9	91
10	Peptidylarginine deiminase type 4 deficiency reduced arthritis severity in a glucose-6-phosphate isomerase-induced arthritis model. Scientific Reports, 2015, 5, 13041.	3.3	89
11	Interleukin-27 in T Cell Immunity. International Journal of Molecular Sciences, 2015, 16, 2851-2863.	4.1	86
12	Transforming Growth Factor-β and Interleukin-10 Synergistically Regulate Humoral Immunity via Modulating Metabolic Signals. Frontiers in Immunology, 2018, 9, 1364.	4.8	79
13	Functional Reconstitution of Class II MHC-Restricted T Cell Immunity Mediated by Retroviral Transfer of the $\hat{1}\pm\hat{1}^2$ TCR Complex. Journal of Immunology, 2000, 165, 528-532.	0.8	77
14	Detection of autoantibodies to citrullinated BiP in rheumatoid arthritis patients and pro-inflammatory role of citrullinated BiP in collagen-induced arthritis. Arthritis Research and Therapy, 2011, 13, R191.	3.5	63
15	Roles of LAG3 and EGR2 in regulatory T cells. Annals of the Rheumatic Diseases, 2012, 71, i96-i100.	0.9	62
16	Kidney-infiltrating CD4+ T-cell clones promote nephritis in lupus-prone mice. Kidney International, 2012, 82, 969-979.	5.2	57
17	Egr2 and Egr3 in regulatory T cells cooperatively control systemic autoimmunity through Ltbp3-mediated TGF-Î23 production. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E8131-E8140.	7.1	57
18	Interleukin-10-producing LAG3+ regulatory T cells are associated with disease activity and abatacept treatment in rheumatoid arthritis. Arthritis Research and Therapy, 2017, 19, 97.	3.5	51

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19	Splicing variant of <i>WDFY4</i> augments MDA5 signalling and the risk of clinically amyopathic dermatomyositis. Annals of the Rheumatic Diseases, 2018, 77, 602-611.	0.9	51
20	Immunophenotyping of rheumatoid arthritis reveals a linkage between HLA-DRB1 genotype, CXCR4 expression on memory CD4+ T cells and disease activity. Scientific Reports, 2016, 6, 29338.	3.3	49
21	2019 Diagnostic criteria for mixed connective tissue disease (MCTD): From the Japan research committee of the ministry of health, labor, and welfare for systemic autoimmune diseases. Modern Rheumatology, 2021, 31, 29-33.	1.8	49
22	Regulatory polymorphisms in EGR2 are associated with susceptibility to systemic lupus erythematosus. Human Molecular Genetics, 2010, 19, 2313-2320.	2.9	48
23	Clinical and Immunological Biomarkers for Systemic Lupus Erythematosus. Biomolecules, 2021, 11, 928.	4.0	47
24	Antigen-Specific T Cells Transduced with IL-10 Ameliorate Experimentally Induced Arthritis Without Impairing the Systemic Immune Response to the Antigen. Journal of Immunology, 2000, 165, 5980-5986.	0.8	44
25	Gene Therapy of Arthritis with TCR Isolated from the Inflamed Paw. Journal of Immunology, 2006, 177, 8140-8147.	0.8	43
26	Efficacy of intensive immunosuppression in exacerbated rheumatoid arthritis-associated interstitial lung disease. Modern Rheumatology, 2017, 27, 22-28.	1.8	43
27	Quantitative and qualitative characterization of expanded CD4+ T cell clones in rheumatoid arthritis patients. Scientific Reports, 2015, 5, 12937.	3.3	42
28	Successful treatment with tocilizumab in a case of Cogan's syndrome complicated with aortitis. Modern Rheumatology, 2013, 23, 577-581.	1.8	41
29	Metabolism as a key regulator in the pathogenesis of systemic lupus erythematosus. Seminars in Arthritis and Rheumatism, 2019, 48, 1142-1145.	3.4	40
30	Nucleosome-Specific Regulatory T Cells Engineered by Triple Gene Transfer Suppress a Systemic Autoimmune Disease. Journal of Immunology, 2004, 173, 2118-2125.	0.8	37
31	Increased serum concentrations of IL-1 beta, IL-21 and Th17 cells in overweight patients with rheumatoid arthritis. Arthritis Research and Therapy, 2017, 19, 111.	3.5	36
32	Reconstitution of CD8+ T Cells by Retroviral Transfer of the TCR αβ-Chain Genes Isolated from a Clonally Expanded P815-Infiltrating Lymphocyte. Journal of Immunology, 2003, 171, 2154-2160.	0.8	35
33	Immune Profiling and Precision Medicine in Systemic Lupus Erythematosus. Cells, 2019, 8, 140.	4.1	34
34	TGF-β3 Inhibits Antibody Production by Human B Cells. PLoS ONE, 2017, 12, e0169646.	2.5	34
35	Role of TGF-β3 in the regulation of immune responses. Clinical and Experimental Rheumatology, 2015, 33, S63-9.	0.8	34
36	Regulatory T Cell-Mediated Control of Autoantibody-Induced Inflammation. Frontiers in Immunology, 2012, 3, 28	4.8	33

#	Article	IF	CITATIONS
37	A gene module associated with dysregulated TCR signaling pathways in CD4+ T cell subsets in rheumatoid arthritis. Journal of Autoimmunity, 2018, 89, 21-29.	6.5	32
38	Tocilizumab-induced leucocytoclastic vasculitis in a patient with rheumatoid arthritis. Rheumatology, 2014, 53, 1529-1530.	1.9	31
39	Early Growth Response Gene 2-Expressing CD4+LAG3+ Regulatory T Cells: The Therapeutic Potential for Treating Autoimmune Diseases. Frontiers in Immunology, 2018, 9, 340.	4.8	31
40	Regulatory cell subsets in the control of autoantibody production related to systemic autoimmunity. Annals of the Rheumatic Diseases, 2013, 72, ii85-ii89.	0.9	29
41	Neuromyelitis optica spectrum disorder complicated with Sjogren syndrome successfully treated with tocilizumab: A case report. Modern Rheumatology, 2016, 26, 294-296.	1.8	29
42	Parsing multiomics landscape of activated synovial fibroblasts highlights drug targets linked to genetic risk of rheumatoid arthritis. Annals of the Rheumatic Diseases, 2021, 80, 440-450.	0.9	29
43	Reevaluation of Pluripotent Cytokine TGF-β3 in Immunity. International Journal of Molecular Sciences, 2018, 19, 2261.	4.1	28
44	Robust and highly efficient hiPSC generation from patient non-mobilized peripheral blood-derived CD34+ cells using the auto-erasable Sendai virus vector. Stem Cell Research and Therapy, 2019, 10, 185.	5.5	28
45	Emerging roles of Egr2 and Egr3 in the control of systemic autoimmunity. Rheumatology, 2016, 55, ii76-ii81.	1.9	27
46	Basic mechanism of immune system activation by mitochondria. Immunological Medicine, 2020, 43, 142-147.	2.6	26
47	Autoantigen BiPâ€Derived HLA–DR4 Epitopes Differentially Recognized by Effector and Regulatory T Cells in Rheumatoid Arthritis. Arthritis and Rheumatology, 2015, 67, 1171-1181.	5.6	25
48	Transcriptome analysis of peripheral blood from patients with rheumatoid arthritis: a systematic review. Inflammation and Regeneration, 2018, 38, 21.	3.7	24
49	Egr2 and Egr3 are the unique regulators for systemic autoimmunity. Jak-stat, 2013, 2, e23952.	2.2	23
50	HLA-DRB1 Shared Epitope Alleles and Disease Activity Are Correlated with Reduced T Cell Receptor Repertoire Diversity in CD4+ T Cells in Rheumatoid Arthritis. Journal of Rheumatology, 2018, 45, 905-914.	2.0	23
51	Tacrolimus Differentially Regulates the Proliferation of Conventional and Regulatory CD4+ T Cells. Molecules and Cells, 2009, 28, 125-130.	2.6	22
52	A case of refractory polyarteritis nodosa successfully treated with rituximab. Modern Rheumatology, 2017, 27, 696-698.	1.8	22
53	Integrated bulk and single-cell RNA-sequencing identified disease-relevant monocytes and a gene network module underlying systemic sclerosis. Journal of Autoimmunity, 2021, 116, 102547.	6.5	22
54	Multi-omics approach to precision medicine for immune-mediated diseases. Inflammation and Regeneration, 2021, 41, 23.	3.7	20

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55	Immune cell multiomics analysis reveals contribution of oxidative phosphorylation to B-cell functions and organ damage of lupus. Annals of the Rheumatic Diseases, 2022, 81, 845-853.	0.9	20
56	Overview of LAG-3-Expressing, IL-10-Producing Regulatory T Cells. Current Topics in Microbiology and Immunology, 2017, 410, 29-45.	1.1	19
57	Macrophage activation syndrome associated with tocilizumab treatment in adult-onset Still's disease. Modern Rheumatology, 2017, 27, 556-557.	1.8	19
58	Serum phosphatidylserineâ€specific phospholipase A 1 as a novel biomarker for monitoring systemic lupus erythematosus disease activity. International Journal of Rheumatic Diseases, 2019, 22, 2059-2066.	1.9	19
59	Multiomics landscape of synovial fibroblasts in rheumatoid arthritis. Inflammation and Regeneration, 2021, 41, 7.	3.7	19
60	Immune responses to Mycobacterial heat shock protein 70 accompany self-reactivity to human BiP in rheumatoid arthritis. Scientific Reports, 2016, 6, 22486.	3.3	18
61	CD4+CD25+LAG3+ T Cells With a Feature of Th17 Cells Associated With Systemic Lupus Erythematosus Disease Activity. Frontiers in Immunology, 2019, 10, 1619.	4.8	18
62	Transcription Factor Early Growth Response 3 Is Associated with the TGF-β1 Expression and the Regulatory Activity of CD4-Positive T Cells In Vivo. Journal of Immunology, 2013, 191, 2351-2359.	0.8	17
63	Identification of U11snRNA as an endogenous agonist of TLR7-mediated immune pathogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23653-23661.	7.1	16
64	Identification of tonsillar CD4+CD25â^'LAG3+ T cells as naturally occurring IL-10-producing regulatory T cells in human lymphoid tissue. Journal of Autoimmunity, 2017, 76, 75-84.	6.5	15
65	Peptidylarginine Deiminase 4 Promotes the Renal Infiltration of Neutrophils and Exacerbates the TLR7 Agonist-Induced Lupus Mice. Frontiers in Immunology, 2020, 11, 1095.	4.8	15
66	Safety and effectiveness of subcutaneous tocilizumab in patients with rheumatoid arthritis in a real-world clinical setting. Modern Rheumatology, 2018, 28, 780-788.	1.8	14
67	The Impact of Obesity and a High-Fat Diet on Clinical and Immunological Features in Systemic Lupus Erythematosus. Nutrients, 2021, 13, 504.	4.1	14
68	Prevalence of primary Sjögren's syndrome in patients undergoing evaluation for pulmonary arterial hypertension. PLoS ONE, 2018, 13, e0197297.	2.5	11
69	Self-limited Polymyalgia Rheumatica-like Syndrome Following mRNA-1273 SARS-CoV-2 Vaccination. Internal Medicine, 2022, 61, 903-906.	0.7	11
70	Egr2-independent, Klf1-mediated induction of PD-L1 in CD4+ T cells. Scientific Reports, 2018, 8, 7021.	3.3	10
71	Quantitative Measurement of GPCR Endocytosis via Pulse-Chase Covalent Labeling. PLoS ONE, 2015, 10, e0129394.	2.5	9
72	Therapeutic potential of regulatory cytokines that target B cells. International Immunology, 2016, 28, 189-195.	4.0	9

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73	Clonal dynamics of tumor-infiltrating lymphocytes. European Journal of Immunology, 2005, 35, 1754-1763.	2.9	8
74	Polymorphic lymphoproliferative disorders in patients with rheumatoid arthritis are associated with a better clinical outcome. Modern Rheumatology, 2018, 28, 621-625.	1.8	8
75	Transcriptomic studies of systemic lupus erythematosus. Inflammation and Regeneration, 2021, 41, 11.	3.7	8
76	Identifying the most influential gene expression profile in distinguishing ANCA-associated vasculitis from healthy controls. Journal of Autoimmunity, 2021, 119, 102617.	6.5	7
77	Clinical remission of rheumatoid arthritis in a multicenter real-world study in Asia-Pacific region. The Lancet Regional Health - Western Pacific, 2021, 15, 100240.	2.9	7
78	The transcription factor Sox4 is required for thymic tuft cell development. International Immunology, 2022, 34, 45-52.	4.0	7
79	Factors associated with discontinuation of glucocorticoids after starting biological disease-modifying antirheumatic drugs in rheumatoid arthritis patients. Modern Rheumatology, 2020, 30, 58-63.	1.8	6
80	Review: transcriptome and trans-omics analysis of systemic lupus erythematosus. Inflammation and Regeneration, 2020, 40, 11.	3.7	6
81	Response to tocilizumab and work productivity in patients with rheumatoid arthritis: 2-year follow-up of FIRST ACT-SC study. Modern Rheumatology, 2021, 31, 42-52.	1.8	6
82	Title Current Status of the Search for Biomarkers for Optimal Therapeutic Drug Selection for Patients with Rheumatoid Arthritis. International Journal of Molecular Sciences, 2021, 22, 9534.	4.1	6
83	A nationwide questionnaire survey on the prevalence of ankylosing spondylitis and non-radiographic axial spondyloarthritis in Japan. Modern Rheumatology, 2022, 32, 960-967.	1.8	6
84	The Pathophysiological Roles of Regulatory T Cells in the Early Phase of Systemic Sclerosis. Frontiers in Immunology, 2022, 13, .	4.8	6
85	Antigen-specific immunotherapy for autoimmune diseases. Expert Opinion on Biological Therapy, 2007, 7, 359-367.	3.1	5
86	A new Tâ€cell activation mode for suboptimal doses of antigen under the full activation of TÂcells with different specificity. European Journal of Immunology, 2015, 45, 1643-1653.	2.9	5
87	Rhabdomyolysis Induced by Isoniazid in a Patient with Rheumatoid Arthritis and End-stage Renal Disease: A Case Report and Review of the Literature. Internal Medicine, 2018, 57, 2413-2416.	0.7	5
88	Decreased peripheral blood memory B cells are associated with the presence of interstitial lung disease in rheumatoid arthritis: a case-control study. Modern Rheumatology, 2021, 31, 127-132.	1.8	5
89	Serum Amphiregulin and Heparin-Binding Epidermal Growth Factor as Biomarkers in Patients with Idiopathic Inflammatory Myopathy. Journal of Clinical Medicine, 2021, 10, 3730.	2.4	5
90	Tuberculous pleurisy diagnosed by medical thoracoscopy in an adalimumab-treated rheumatoid arthritis patient after treatment of latent tuberculosis infection. Modern Rheumatology, 2013, 23, 1013-1017.	1.8	4

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91	Massive calcinosis cutis associated with primary Sjögren's syndrome. BMJ Case Reports, 2016, 2016, bcr2015214006.	0.5	4
92	The RNA-binding protein Mex-3B plays critical roles in the development of steroid-resistant neutrophilic airway inflammation. Biochemical and Biophysical Research Communications, 2019, 519, 220-226.	2.1	4
93	CD 4 + CD 25 â~' LAG 3 + regulatory T cells in humoral immunity. Clinical and Experimental Neuroimmunology, 2019, 10, 4-11.	1.0	4
94	Evaluation of Response Criteria in Rheumatoid Arthritis Treated With Biologic Diseaseâ€Modifying Antirheumatic Drugs. Arthritis Care and Research, 2020, 72, 942-949.	3.4	4
95	A case of granulomatous myositis in a patient with rheumatoid arthritis receiving anti-TNF-α treatment. Modern Rheumatology Case Reports, 2020, 4, 1-5.	0.7	4
96	Immature platelet levels correlate with disease activity and predict treatment response of thrombocytopenia in lupus patients. Lupus, 2021, 30, 096120332110342.	1.6	4
97	Emerging role of leptin in joint inflammation and destruction. Immunological Medicine, 2022, 45, 27-34.	2.6	4
98	Indications for fertility preservation not included in the 2017 Japan Society of Clinical Oncology Guideline for Fertility Preservation in Pediatric, Adolescent, and Young Adult Patients treated with gonadal toxicity, including benign diseases. International Journal of Clinical Oncology, 2022, 27, 301-309.	2.2	4
99	Cost-effectiveness analyses of biologic and targeted synthetic disease-modifying anti-rheumatic diseases in patients with rheumatoid arthritis: Three approaches with a cohort simulation and real-world data. Modern Rheumatology, 2023, 33, 302-311.	1.8	4
100	T Cell Receptor Gene Therapy for Autoimmune Diseases. Annals of the New York Academy of Sciences, 2007, 1110, 222-232.	3.8	3
101	Eosinophilic cholangitis with eosinophilic granulomatosis with polyangiitis: A case report and review of the literature. Allergology International, 2020, 69, 154-156.	3.3	3
102	Elevation of cytomegalovirus antigenemia predicts serious infection and death in patients receiving immunosuppressive therapies for autoimmune diseases. International Journal of Rheumatic Diseases, 2020, 23, 1534-1540.	1.9	3
103	Fertility preservation in patients receiving gonadotoxic therapies for systemic autoimmune diseases in Japan. Modern Rheumatology, 2021, 31, 1-8.	1.8	3
104	Anti-Ku antibody-positive myositis presenting as a wide range of axial myopathies and myocarditis: A case report and review of the literature. Modern Rheumatology Case Reports, 2022, 6, 64-68.	0.7	3
105	Dysregulation of the gene signature of effector regulatory T cells in the early phase of systemic sclerosis. Rheumatology, 2022, , .	1.9	3
106	Selection of treatment regimens based on shared decision-making in patients with rheumatoid arthritis on remission in the FREE-J study. Rheumatology, 2022, 61, 4273-4285.	1.9	3
107	Lessons From Transcriptome Analysis of Autoimmune Diseases. Frontiers in Immunology, 2022, 13, .	4.8	3
108	Combined plasma metabolomic and transcriptomic analysis identify histidine as a biomarker and potential contributor in SLE pathogenesis. Rheumatology, 2023, 62, 905-913.	1.9	3

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109	Retro-odontoid Pseudotumor Associated with Sjögren Syndrome and Systemic Lupus Erythematosus Serology. Journal of Rheumatology, 2018, 45, 1424-1425.	2.0	2
110	Reduction of CD83 Expression on B Cells and the Genetic Basis for Rheumatoid Arthritis: Comment on the Article by Thalayasingam et al. Arthritis and Rheumatology, 2018, 70, 1695-1696.	5.6	2
111	Comment on: Neutrophil extracellular traps in giant cell arteritis biopsies: presentation, localization and co-expression with inflammatory cytokines. Rheumatology, 2022, 61, e154-e155.	1.9	2
112	High incidence of malignancy in SAPHO syndrome. Clinical and Experimental Rheumatology, 2020, 38, 805-806.	0.8	2
113	The differential diagnosis of IgC4-related disease based on machine learning. Arthritis Research and Therapy, 2022, 24, 71.	3.5	2
114	Efficacy of canakinumab on AA amyloidosis in late-onset NLRP3-associated autoinflammatory disease with an I574F somatic mosaic mutation. Clinical Rheumatology, 2022, 41, 2233-2237.	2.2	2
115	T-cell receptor- and anti-inflammatory gene-modulated T cells as therapy for autoimmune disease. Expert Review of Clinical Immunology, 2007, 3, 883-890.	3.0	1
116	Central Serous Chorioretinopathy during Treatment of Systemic Lupus Erythematosus with Protein-losing Gastroenteropathy. The Journal of the Japanese Society of Internal Medicine, 2009, 98, 1365-1368.	0.0	1
117	JAK inhibition and modulation of T cell function. Inflammation and Regeneration, 2013, 33, 143-149.	3.7	1
118	lguratimod-induced acute interstitial pneumonia with hypogammaglobulinemia in a rheumatoid arthritis patient. Modern Rheumatology Case Reports, 2017, 1, 54-59.	0.7	1
119	III. Remitting Seronegative Symmetrical Synovitis with Pitting Edema Syndrome. The Journal of the Japanese Society of Internal Medicine, 2017, 106, 2131-2135.	0.0	1
120	Deteriorating anemia in an 86â€yearâ€old man was improved by prednisolone. Geriatrics and Gerontology International, 2020, 20, 1091-1092.	1.5	1
121	Enhanced gut homing receptor expression of unswitched memory B cells in rheumatoid arthritis. Clinical and Experimental Rheumatology, 2017, 35, 354-355.	0.8	1
122	Rheumatoid arthritis in a patient with compound heterozygous variants in the COL11A2 gene and progressive hearing loss. Medicine (United States), 2022, 101, e28828.	1.0	1
123	An elderly woman with peripheral spondyloarthritis with aortitis. Modern Rheumatology, 2012, , 1.	1.8	0
124	Immune Response, Autoimmunity and Microbiota. The Journal of the Japanese Society of Internal Medicine, 2015, 104, 1665-1671.	0.0	0
125	Two cases of very elderly onset male lupus patient; the characteristics and sex differences of elderly onset systemic lupus erythematosus patients. Modern Rheumatology Case Reports, 2017, 1, 84-88.	0.7	0
126	New horizons in clinical immunology: applications of induced pluripotent stem cells for the analysis of immune disorders. Immunological Medicine, 2018, 41, 12-16.	2.6	0

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127	Successful treatment by mycophenolate mofetil of subacute progressive interstitial lung disease associated with systemic lupus erythematosus. Modern Rheumatology Case Reports, 2021, 5, 43-46.	0.7	0
128	ANCA-associated vasculitis with protein-losing enteropathy is characterized by hypocomplementemia. Rheumatology International, 2021, , 1.	3.0	0
129	Predominant mesangial IgM, C3, and λ light chain depositions and interstitial nephritis in a patient with overlap syndrome and positivity for anti-mitochondrial M2 antibody: a case report. Modern Rheumatology Case Reports, 2021, , .	0.7	0
130	Nailfold capillaroscopic abnormalities in angioedema with eosinophilia. Allergology International, 2021, 70, 501-503.	3.3	0
131	An Overview of Functional Genomics and Omics Research for Autoimmune Diseases. The Journal of the Japanese Society of Internal Medicine, 2018, 107, 2338-2343.	0.0	0
132	Rheumatology and functional genome analysis in East Asia. Rheumatology & Autoimmunity, 2022, 2, 1-4.	0.8	0