

Ming Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

123
papers

5,356
citations

93792

39
h-index

120465

65
g-index

128
all docs

128
docs citations

128
times ranked

7847
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNA-126 regulates DNA methylation in CD4+ T cells and contributes to systemic lupus erythematosus by targeting DNA methyltransferase 1. <i>Arthritis and Rheumatism</i> , 2011, 63, 1376-1386.	6.7	323
2	Epigenetic dysregulation of ACE2 and interferon-regulated genes might suggest increased COVID-19 susceptibility and severity in lupus patients. <i>Clinical Immunology</i> , 2020, 215, 108410.	1.4	217
3	MicroRNA-210 overexpression promotes psoriasis-like inflammation by inducing Th1 and Th17 cell differentiation. <i>Journal of Clinical Investigation</i> , 2018, 128, 2551-2568.	3.9	182
4	DNA methylation and mRNA and microRNA expression of SLE CD4+ T cells correlate with disease phenotype. <i>Journal of Autoimmunity</i> , 2014, 54, 127-136.	3.0	172
5	IFI44L promoter methylation as a blood biomarker for systemic lupus erythematosus. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 1998-2006.	0.5	167
6	Epigenetics and SLE: RFX1 downregulation causes CD11a and CD70 overexpression by altering epigenetic modifications in lupus CD4+ T cells. <i>Journal of Autoimmunity</i> , 2010, 35, 58-69.	3.0	153
7	Recent advances of exosomes in immune modulation and autoimmune diseases. <i>Autoimmunity</i> , 2016, 49, 357-365.	1.2	125
8	Up-regulation of microRNA-210 induces immune dysfunction via targeting FOXP3 in CD4+ T cells of psoriasis vulgaris. <i>Clinical Immunology</i> , 2014, 150, 22-30.	1.4	123
9	Dysregulation of microRNAs in autoimmune diseases: Pathogenesis, biomarkers and potential therapeutic targets. <i>Cancer Letters</i> , 2018, 428, 90-103.	3.2	122
10	Clinical significance and immunobiology of IL-21 in autoimmunity. <i>Journal of Autoimmunity</i> , 2019, 99, 1-14.	3.0	121
11	Increased 5-hydroxymethylcytosine in CD4 + T cells in systemic lupus erythematosus. <i>Journal of Autoimmunity</i> , 2016, 69, 64-73.	3.0	110
12	T cell receptor \hat{I}^2 repertoires as novel diagnostic markers for systemic lupus erythematosus and rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 1070-1078.	0.5	99
13	IL-6/STAT3 pathway induced deficiency of RFX1 contributes to Th17-dependent autoimmune diseases via epigenetic regulation. <i>Nature Communications</i> , 2018, 9, 583.	5.8	89
14	The Bach Family of Transcription Factors: A Comprehensive Review. <i>Clinical Reviews in Allergy and Immunology</i> , 2016, 50, 345-356.	2.9	88
15	Hypomethylation of IL10 and IL13 Promoters in CD4 ⁺ T Cells of Patients with Systemic Lupus Erythematosus. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-9.	3.0	87
16	Epigenetic regulation in B-cell maturation and its dysregulation in autoimmunity. <i>Cellular and Molecular Immunology</i> , 2018, 15, 676-684.	4.8	87
17	DNA methylation profiling of the X chromosome reveals an aberrant demethylation on CXCR3 promoter in primary biliary cirrhosis. <i>Clinical Epigenetics</i> , 2015, 7, 61.	1.8	83
18	The role of microRNA-1246 in the regulation of B cell activation and the pathogenesis of systemic lupus erythematosus. <i>Clinical Epigenetics</i> , 2015, 7, 24.	1.8	81

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19	Type I Interferons in the Pathogenesis and Treatment of Autoimmune Diseases. <i>Clinical Reviews in Allergy and Immunology</i> , 2020, 59, 248-272.	2.9	81
20	Hypomethylation and overexpression of ITGAL (CD11a) in CD4+ T cells in systemic sclerosis. <i>Clinical Epigenetics</i> , 2014, 6, 25.	1.8	78
21	RFX1 regulates CD70 and CD11a expression in lupus T cells by recruiting the histone methyltransferase SUV39H1. <i>Arthritis Research and Therapy</i> , 2010, 12, R227.	1.6	75
22	Pathogenic role of tissue-resident memory T cells in autoimmune diseases. <i>Autoimmunity Reviews</i> , 2018, 17, 906-911.	2.5	67
23	miRNAs as Therapeutic Targets in Inflammatory Disease. <i>Trends in Pharmacological Sciences</i> , 2019, 40, 853-865.	4.0	67
24	Increased expression of TLR2 in CD4 ⁺ T cells from SLE patients enhances immune reactivity and promotes IL-17 expression through histone modifications. <i>European Journal of Immunology</i> , 2015, 45, 2683-2693.	1.6	63
25	High salt promotes autoimmunity by TET2-induced DNA demethylation and driving the differentiation of Tfh cells. <i>Scientific Reports</i> , 2016, 6, 28065.	1.6	63
26	Characters, functions and clinical perspectives of long non-coding RNAs. <i>Molecular Genetics and Genomics</i> , 2016, 291, 1013-1033.	1.0	63
27	Lipofectamine RNAiMAX: An Efficient siRNA Transfection Reagent in Human Embryonic Stem Cells. <i>Molecular Biotechnology</i> , 2008, 40, 19-26.	1.3	62
28	Clinical significance of miRNAs in autoimmunity. <i>Journal of Autoimmunity</i> , 2020, 109, 102438.	3.0	62
29	Analysis of Serum microRNA Profile by Solexa Sequencing in Women With Endometriosis. <i>Reproductive Sciences</i> , 2016, 23, 1359-1370.	1.1	58
30	Organ-specific biomarkers in lupus. <i>Autoimmunity Reviews</i> , 2017, 16, 391-397.	2.5	57
31	TLR4 signaling: A potential therapeutic target in ischemic coronary artery disease. <i>International Immunopharmacology</i> , 2014, 23, 54-59.	1.7	56
32	Critical Link Between Epigenetics and Transcription Factors in the Induction of Autoimmunity: a Comprehensive Review. <i>Clinical Reviews in Allergy and Immunology</i> , 2016, 50, 333-344.	2.9	56
33	Total glucosides of paeony induces regulatory CD4 ⁺ CD25 ⁺ T cells by increasing Foxp3 demethylation in lupus CD4 ⁺ T cells. <i>Clinical Immunology</i> , 2012, 143, 180-187.	1.4	55
34	The expression of Bcl-6 in circulating follicular helper-like T cells positively correlates with the disease activity in systemic lupus erythematosus. <i>Clinical Immunology</i> , 2016, 173, 161-170.	1.4	55
35	New insights into different adipokines in linking the pathophysiology of obesity and psoriasis. <i>Lipids in Health and Disease</i> , 2019, 18, 171.	1.2	55
36	Epigenetic dynamics in immunity and autoimmunity. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 67, 65-74.	1.2	53

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37	The modulation of co-stimulatory molecules by circulating exosomes in primary biliary cirrhosis. <i>Cellular and Molecular Immunology</i> , 2017, 14, 276-284.	4.8	51
38	E4BP4 overexpression: A protective mechanism in CD4+ T cells from SLE patients. <i>Journal of Autoimmunity</i> , 2013, 41, 152-160.	3.0	46
39	The Pathogenic Role of Dysregulated Epigenetic Modifications in Autoimmune Diseases. <i>Frontiers in Immunology</i> , 2019, 10, 2305.	2.2	46
40	The effect of mycophenolic acid on epigenetic modifications in lupus CD4+T cells. <i>Clinical Immunology</i> , 2015, 158, 67-76.	1.4	45
41	TGF- β 2 and Eomes control the homeostasis of CD8+ regulatory T cells. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	41
42	Crosstalk between metabolism and epigenetic modifications in autoimmune diseases: a comprehensive overview. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 3353-3369.	2.4	40
43	Protective effects of edaravone, a free radical scavenger, on lipopolysaccharide-induced acute kidney injury in a rat model of sepsis. <i>International Urology and Nephrology</i> , 2015, 47, 1745-1752.	0.6	39
44	CD24: from a Hematopoietic Differentiation Antigen to a Genetic Risk Factor for Multiple Autoimmune Diseases. <i>Clinical Reviews in Allergy and Immunology</i> , 2016, 50, 70-83.	2.9	39
45	Downregulation of BDH2 modulates iron homeostasis and promotes DNA demethylation in CD4 + T cells of systemic lupus erythematosus. <i>Clinical Immunology</i> , 2018, 187, 113-121.	1.4	39
46	Epigenetics as biomarkers in autoimmune diseases. <i>Clinical Immunology</i> , 2018, 196, 34-39.	1.4	38
47	MicroRNAs regulate immune system via multiple targets. <i>Discovery Medicine</i> , 2014, 18, 237-47.	0.5	38
48	AIM2 deficiency in B cells ameliorates systemic lupus erythematosus by regulating Blimp-1/Bcl-6 axis-mediated B-cell differentiation. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 341.	7.1	36
49	The important roles of type I interferon and interferon-inducible genes in systemic lupus erythematosus. <i>International Immunopharmacology</i> , 2016, 40, 542-549.	1.7	35
50	Disordered cutaneous microbiota in systemic lupus erythematosus. <i>Journal of Autoimmunity</i> , 2020, 108, 102391.	3.0	35
51	E4BP4-mediated inhibition of T follicular helper cell differentiation is compromised in autoimmune diseases. <i>Journal of Clinical Investigation</i> , 2020, 130, 3717-3733.	3.9	35
52	Distinct epigenomes in CD4+ T cells of newborns, middle-ages and centenarians. <i>Scientific Reports</i> , 2016, 6, 38411.	1.6	34
53	A comprehensive review of immune-mediated dermatopathology in systemic lupus erythematosus. <i>Journal of Autoimmunity</i> , 2018, 93, 1-15.	3.0	34
54	Epigenetic regulation in monocyte/macrophage: A key player during atherosclerosis. <i>Cardiovascular Therapeutics</i> , 2017, 35, e12262.	1.1	33

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55	Serum miRNA-371b-5p and miRNA-5100 act as biomarkers for systemic lupus erythematosus. <i>Clinical Immunology</i> , 2018, 196, 103-109.	1.4	33
56	Identifying the differentially expressed microRNAs in autoimmunity: A systemic review and meta-analysis. <i>Autoimmunity</i> , 2020, 53, 122-136.	1.2	32
57	The complex role of AIM2 in autoimmune diseases and cancers. <i>Immunity, Inflammation and Disease</i> , 2021, 9, 649-665.	1.3	31
58	Rutaecarpine inhibited imiquimod-induced psoriasis-like dermatitis via inhibiting the NF- κ B and TLR7 pathways in mice. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1876-1883.	2.5	30
59	The role of icaritin in regulating Foxp3/IL17a balance in systemic lupus erythematosus and its effects on the treatment of MRL/lpr mice. <i>Clinical Immunology</i> , 2016, 162, 74-83.	1.4	29
60	Molecular Control of Follicular Helper T cell Development and Differentiation. <i>Frontiers in Immunology</i> , 2018, 9, 2470.	2.2	29
61	The Real Culprit in Systemic Lupus Erythematosus: Abnormal Epigenetic Regulation. <i>International Journal of Molecular Sciences</i> , 2015, 16, 11013-11033.	1.8	28
62	Some like it hot: The emerging role of spicy food (capsaicin) in autoimmune diseases. <i>Autoimmunity Reviews</i> , 2016, 15, 451-456.	2.5	28
63	Topical administration of nanocarrier miRNA-210 antisense ameliorates imiquimod-induced psoriasis-like dermatitis in mice. <i>Journal of Dermatology</i> , 2020, 47, 147-154.	0.6	28
64	Clinical Treatment Options in Scleroderma: Recommendations and Comprehensive Review. <i>Clinical Reviews in Allergy and Immunology</i> , 2022, 62, 273-291.	2.9	28
65	Overexpression of JMJD3 may contribute to demethylation of H3K27me3 in CD4+ T cells from patients with systemic sclerosis. <i>Clinical Immunology</i> , 2015, 161, 396-399.	1.4	27
66	Guideline for the diagnosis, treatment and long-term management of cutaneous lupus erythematosus. <i>Journal of Autoimmunity</i> , 2021, 123, 102707.	3.0	27
67	Dysregulation of Cell Death and Its Epigenetic Mechanisms in Systemic Lupus Erythematosus. <i>Molecules</i> , 2017, 22, 30.	1.7	26
68	Histone demethylase JMJD3 regulates CD11a expression through changes in histone H3K27 tri-methylation levels in CD4+ T cells of patients with systemic lupus erythematosus. <i>Oncotarget</i> , 2017, 8, 48938-48947.	0.8	25
69	All-Trans Retinoic Acid Induces CD4+CD25+FOXP3+ Regulatory T Cells by Increasing FOXP3 Demethylation in Systemic Sclerosis CD4+ T Cells. <i>Journal of Immunology Research</i> , 2018, 2018, 1-7.	0.9	24
70	The Application of Single-Cell RNA Sequencing in Studies of Autoimmune Diseases: a Comprehensive Review. <i>Clinical Reviews in Allergy and Immunology</i> , 2021, 60, 68-86.	2.9	24
71	Downregulated Serum Exosomal miR-451a Expression Correlates With Renal Damage and Its Intercellular Communication Role in Systemic Lupus Erythematosus. <i>Frontiers in Immunology</i> , 2021, 12, 630112.	2.2	24
72	Genome-wide profiling of DNA methylation and gene expression in esophageal squamous cell carcinoma. <i>Oncotarget</i> , 2016, 7, 4507-4521.	0.8	24

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73	Transcriptional profiling of human embryonic stem cells and embryoid bodies identifies HESRC, a novel stem cell gene. <i>Biochemical and Biophysical Research Communications</i> , 2007, 362, 916-922.	1.0	23
74	Increased Set1 binding at the promoter induces aberrant epigenetic alterations and up-regulates cyclic adenosine 5'-monophosphate response element modulator alpha in systemic lupus erythematosus. <i>Clinical Epigenetics</i> , 2016, 8, 126.	1.8	22
75	Down-regulation of MBD4 contributes to hypomethylation and overexpression of CD70 in CD4+ T cells in systemic lupus erythematosus. <i>Clinical Epigenetics</i> , 2017, 9, 104.	1.8	22
76	RFX1 downregulation contributes to TLR4 overexpression in CD14+ monocytes via epigenetic mechanisms in coronary artery disease. <i>Clinical Epigenetics</i> , 2019, 11, 44.	1.8	22
77	New insights into the progression from cutaneous lupus to systemic lupus erythematosus. <i>Expert Review of Clinical Immunology</i> , 2020, 16, 829-837.	1.3	22
78	The pathogenesis of bullous skin diseases. <i>Journal of Translational Autoimmunity</i> , 2019, 2, 100014.	2.0	21
79	Impact of smoking on psoriasis risk and treatment efficacy: a meta-analysis. <i>Journal of International Medical Research</i> , 2020, 48, 030006052096402.	0.4	21
80	UHRF1 downregulation promotes T follicular helper cell differentiation by increasing BCL6 expression in SLE. <i>Clinical Epigenetics</i> , 2021, 13, 31.	1.8	20
81	Abnormalities in Gut Microbiota and Metabolism in Patients With Chronic Spontaneous Urticaria. <i>Frontiers in Immunology</i> , 2021, 12, 691304.	2.2	20
82	The IL-21-CTET2-CAIM2-MAF pathway drives the T follicular helper cell response in lupus-like disease. <i>Clinical and Translational Medicine</i> , 2022, 12, e781.	1.7	20
83	Transcription factor RFX1 is ubiquitinated by E3 ligase STUB1 in systemic lupus erythematosus. <i>Clinical Immunology</i> , 2016, 169, 1-7.	1.4	19
84	Risk of adverse events from different drugs for SLE: a systematic review and network meta-analysis. <i>Lupus Science and Medicine</i> , 2018, 5, e000253.	1.1	18
85	Iron-dependent epigenetic modulation promotes pathogenic T cell differentiation in lupus. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	18
86	Epigallocatechin-3-Gallate Inhibits Homocysteine-Induced Apoptosis of Endothelial Cells by Demethylation of the DDAH2 Gene. <i>Planta Medica</i> , 2013, 79, 1715-1719.	0.7	16
87	Up-regulation of proBDNF/p75 ^{NTR} signaling in antibody-secreting cells drives systemic lupus erythematosus. <i>Science Advances</i> , 2022, 8, eabj2797.	4.7	16
88	Novel biomarkers for systemic lupus erythematosus. <i>Biomarkers in Medicine</i> , 2017, 11, 677-686.	0.6	15
89	Wilms' tumor 1-associating protein contributes to psoriasis by promoting keratinocytes proliferation via regulating cyclinA2 and CDK2. <i>International Immunopharmacology</i> , 2020, 88, 106918.	1.7	15
90	Abnormal expression of BAFF and its receptors in peripheral blood and skin lesions from systemic lupus erythematosus patients. <i>Autoimmunity</i> , 2020, 53, 192-200.	1.2	15

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91	An Update on the Pathogenesis of Skin Damage in Lupus. <i>Current Rheumatology Reports</i> , 2020, 22, 16.	2.1	14
92	A simple and highly efficient method of IFI44L methylation detection for the diagnosis of systemic lupus erythematosus. <i>Clinical Immunology</i> , 2020, 221, 108612.	1.4	13
93	A comparison and review of three sets of classification criteria for systemic lupus erythematosus for distinguishing systemic lupus erythematosus from pure mucocutaneous manifestations in the lupus disease spectrum. <i>Lupus</i> , 2020, 29, 1854-1865.	0.8	13
94	Non-Coding RNAs in CD4+ T Cells: New Insights Into the Pathogenesis of Systemic Lupus Erythematosus. <i>Frontiers in Immunology</i> , 2020, 11, 568.	2.2	13
95	Extracellular Vesicles in Rheumatoid Arthritis and Systemic Lupus Erythematosus: Functions and Applications. <i>Frontiers in Immunology</i> , 2020, 11, 575712.	2.2	13
96	RNA Methylation in Systemic Lupus Erythematosus. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 696559.	1.8	12
97	Comprehensive analysis of epigenetic modifications and immune-cell infiltration in tissues from patients with systemic lupus erythematosus. <i>Epigenomics</i> , 2022, 14, 81-100.	1.0	12
98	Regulatory Factor X1 Downregulation Contributes to Monocyte Chemoattractant Protein-1 Overexpression in CD14+ Monocytes via Epigenetic Mechanisms in Coronary Heart Disease. <i>Frontiers in Genetics</i> , 2019, 10, 1098.	1.1	11
99	A Comprehensive Review of Biological Agents for Lupus: Beyond Single Target. <i>Frontiers in Immunology</i> , 2020, 11, 539797.	2.2	11
100	Meta-analysis of differentially expressed microRNAs in systemic sclerosis. <i>International Journal of Rheumatic Diseases</i> , 2020, 23, 1297-1304.	0.9	11
101	Skin CD4+ Trm cells distinguish acute cutaneous lupus erythematosus from localized discoid lupus erythematosus/subacute cutaneous lupus erythematosus and other skin diseases. <i>Journal of Autoimmunity</i> , 2022, 128, 102811.	3.0	11
102	The Aberrant Epigenetic Modifications in the Pathogenesis of Psoriasis. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 2018, 19, S81-S82.	0.8	10
103	TRIM10 binds to IFN- β /IFN- γ receptor 1 to negatively regulate type I IFN signal transduction. <i>European Journal of Immunology</i> , 2021, 51, 1762-1773.	1.6	10
104	The downregulation of IL-18R defines bona fide kidney-resident CD8+ T cells. <i>iScience</i> , 2021, 24, 101975.	1.9	9
105	A novel humanized cutaneous lupus erythematosus mouse model mediated by IL-21-induced age-associated B cells. <i>Journal of Autoimmunity</i> , 2021, 123, 102686.	3.0	9
106	Difference of IFI44L methylation and serum IFN- α 1 level among patients with discoid and systemic lupus erythematosus and healthy individuals. <i>Journal of Translational Autoimmunity</i> , 2021, 4, 100092.	2.0	7
107	An Enhanced Expression Level of CXCR3 on Tfh-like Cells from Lupus Skin Lesions Rather Than Lupus Peripheral Blood. <i>Clinical Immunology</i> , 2021, 226, 108717.	1.4	7
108	Sulforaphane Ameliorates the Severity of Psoriasis and SLE by Modulating Effector Cells and Reducing Oxidative Stress. <i>Frontiers in Pharmacology</i> , 2022, 13, 805508.	1.6	7

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109	Vitamin D status in patients with autoimmune bullous dermatoses: a meta-analysis. <i>Journal of Dermatological Treatment</i> , 2020, , 1-12.	1.1	6
110	The Roles of Orphan G Protein-Coupled Receptors in Autoimmune Diseases. <i>Clinical Reviews in Allergy and Immunology</i> , 2021, 60, 220-243.	2.9	6
111	Identification of differentially expressed genes and the role of PDK4 in CD14+ monocytes of coronary artery disease. <i>Bioscience Reports</i> , 2021, 41, .	1.1	6
112	Systemic lupus erythematosus patients contain B cell receptor repertoires sensitive to immunosuppressive drugs. <i>European Journal of Immunology</i> , 2022, 52, 669-680.	1.6	6
113	Ultraviolet light induces HERV expression to activate RIG-I signalling pathway in keratinocytes. <i>Experimental Dermatology</i> , 2022, , .	1.4	6
114	Overexpression of Wilms' tumor 1 in skin lesions of psoriasis is associated with abnormal proliferation and apoptosis of keratinocytes. <i>Molecular Medicine Reports</i> , 2018, 18, 3973-3982.	1.1	5
115	Juxtaposition of IL-1 β and IFN- γ expression and apoptosis of keratinocytes in adult-onset Still's disease. <i>Expert Review of Clinical Immunology</i> , 2019, 15, 1341-1350.	1.3	3
116	Immune repertoire: Revealing the real-time adaptive immune response in autoimmune diseases. <i>Autoimmunity</i> , 2021, 54, 61-75.	1.2	3
117	Dysregulated translational factors and epigenetic regulations orchestrate in B cells contributing to autoimmune diseases. <i>International Reviews of Immunology</i> , 2023, 42, 1-25.	1.5	3
118	Regulatory effects of Nr4a2 on Th2 cells from patients with pemphigus vulgaris. <i>Oncotarget</i> , 2018, 9, 11258-11267.	0.8	3
119	Insufficient Iron Improves Pristane-Induced Lupus by Promoting Treg Cell Expansion. <i>Frontiers in Immunology</i> , 2022, 13, 799331.	2.2	3
120	Comparative Analysis of Global Proteome and Lysine Acetylome Between Naive CD4+ T Cells and CD4+ T Follicular Helper Cells. <i>Frontiers in Immunology</i> , 2021, 12, 643441.	2.2	2
121	Decreased microRNA-126 expression in psoriatic CD4 ⁺ T cells promotes T helper 17 cell differentiation and the formation of dermatitis in imiquimod-induced psoriasis-like mice. <i>Journal of Dermatology</i> , 2022, 49, 432-440.	0.6	2
122	Hidden mysteries behind genome, epigenome, and exposome of lupus erythematosus. <i>Trends in Molecular Medicine</i> , 2021, 27, 839-843.	3.5	1
123	A skin in situ immune cell detection kit for the diagnosis and classification of cutaneous lupus erythematosus. <i>Annals of Translational Medicine</i> , 2021, 9, 1062-1062.	0.7	0