

# Nan Shen

## List of Publications by Year in descending order

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86  
papers

4,035  
citations

136885

32  
h-index

138417

58  
g-index

94  
all docs

94  
docs citations

94  
times ranked

5774  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced genome editing to ameliorate a genetic metabolic liver disease through co-delivery of adeno-associated virus receptor. <i>Science China Life Sciences</i> , 2022, 65, 718-730.	2.3	16
2	The CD6/ALCAM pathway promotes lupus nephritis via T cell-mediated responses. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	25
3	P2RY8 variants in lupus patients uncover a role for the receptor in immunological tolerance. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	26
4	Urinary galectin-3 binding protein (G3BP) as a biomarker for disease activity and renal pathology characteristics in lupus nephritis. <i>Arthritis Research and Therapy</i> , 2022, 24, 77.	1.6	4
5	Expanding Roles of Noncoding RNAs in the Pathogenesis of Systemic Lupus Erythematosus. <i>Current Rheumatology Reports</i> , 2022, 24, 64-75.	2.1	2
6	TLR7 gain-of-function genetic variation causes human lupus. <i>Nature</i> , 2022, 605, 349-356.	13.7	208
7	Long non-coding RNA expression profiles in neutrophils revealed potential biomarker for prediction of renal involvement in SLE patients. <i>Rheumatology</i> , 2021, 60, 1734-1746.	0.9	16
8	Health Disparities in Rheumatic Diseases. <i>Rheumatic Disease Clinics of North America</i> , 2021, 47, 119-132.	0.8	7
9	Polymicrobial anaerobic bacterial meningitis secondary to dermal sinus: a case report. <i>Translational Pediatrics</i> , 2021, 10, 3118-3123.	0.5	7
10	Identification of 38 novel loci for systemic lupus erythematosus and genetic heterogeneity between ancestral groups. <i>Nature Communications</i> , 2021, 12, 772.	5.8	128
11	Exploration of the relationship between intestinal flora changes and gut acute graft-versus-host disease after hematopoietic stem cell transplantation. <i>Translational Pediatrics</i> , 2021, 10, 283-295.	0.5	4
12	Benefits of Iron Chelators in the Treatment of Parkinson's Disease. <i>Neurochemical Research</i> , 2021, 46, 1239-1251.	1.6	42
13	The enrichment of neutrophil extracellular traps impair the placentas of systemic lupus erythematosus through accumulating decidual NK cells. <i>Scientific Reports</i> , 2021, 11, 6870.	1.6	8
14	EZH2 Inhibition Interferes With the Activation of Type I Interferon Signaling Pathway and Ameliorates Lupus Nephritis in NZB/NZW F1 Mice. <i>Frontiers in Immunology</i> , 2021, 12, 653989.	2.2	17
15	Fecal microbiota transplantation before hematopoietic stem cell transplantation in a pediatric case of chronic diarrhea with a FOXP3 mutation. <i>Pediatrics and Neonatology</i> , 2021, 62, 172-180.	0.3	8
16	The metabolic hormone leptin promotes the function of TFH cells and supports vaccine responses. <i>Nature Communications</i> , 2021, 12, 3073.	5.8	27
17	Bach2 attenuates IL-2R signaling to control Treg homeostasis and Tfr development. <i>Cell Reports</i> , 2021, 35, 109096.	2.9	14
18	Structural insights into the recognition of histone H3Q5 serotonylation by WDR5. <i>Science Advances</i> , 2021, 7, .	4.7	14

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19	Analysis of gut microbiota alteration and application as an auxiliary prognostic marker for sepsis in children: a pilot study. <i>Translational Pediatrics</i> , 2021, 10, 1647-1657.	0.5	15
20	Glutamine metabolism is essential for the production of IL-17A in $\beta_1$ T cells and skin inflammation. <i>Tissue and Cell</i> , 2021, 71, 101569.	1.0	12
21	Downregulation of Renal Hsa-miR-127-3p Contributes to the Overactivation of Type I Interferon Signaling Pathway in the Kidney of Lupus Nephritis. <i>Frontiers in Immunology</i> , 2021, 12, 747616.	2.2	6
22	Evaluation of Molecular Point-of-Care Testing for Respiratory Pathogens in Children With Respiratory Infections: A Retrospective Case-Control Study. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 778808.	1.8	3
23	Down-Regulated miR-130a/b Attenuates Rhabdomyosarcoma Proliferation via PPARG. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 766887.	1.6	2
24	Urine Metabolic Fingerprints Encode Subtypes of Kidney Diseases. <i>Angewandte Chemie</i> , 2020, 132, 1720-1727.	1.6	8
25	Urine Metabolic Fingerprints Encode Subtypes of Kidney Diseases. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1703-1710.	7.2	99
26	The Genetic Landscape and Epidemiology of Phenylketonuria. <i>American Journal of Human Genetics</i> , 2020, 107, 234-250.	2.6	138
27	Molecular diagnostic practices for infectious gastroenteritis. <i>Chinese Medical Journal</i> , 2020, 133, 1485-1486.	0.9	2
28	Zirconia Hybrid Nanoshells for Nutrient and Toxin Detection. <i>Small</i> , 2020, 16, e2003902.	5.2	37
29	Impact of viral coinfection and macrolide-resistant mycoplasma infection in children with refractory <i>Mycoplasma pneumoniae</i> pneumonia. <i>BMC Infectious Diseases</i> , 2020, 20, 633.	1.3	37
30	Changes in Intestinal Flora and Metabolites in Neonates With Breast Milk Jaundice. <i>Frontiers in Pediatrics</i> , 2020, 8, 177.	0.9	11
31	MicroRNAs in Systemic Lupus Erythematosus: a Perspective on the Path from Biological Discoveries to Clinical Practice. <i>Current Rheumatology Reports</i> , 2020, 22, 17.	2.1	20
32	Inhibition of Glycolysis in Pathogenic TH17 Cells through Targeting a miR-21- <i>Peli1</i> - <i>c-Rel</i> Pathway Prevents Autoimmunity. <i>Journal of Immunology</i> , 2020, 204, 3160-3170.	0.4	17
33	Urinary activated leukocyte cell adhesion molecule as a novel biomarker of lupus nephritis histology. <i>Arthritis Research and Therapy</i> , 2020, 22, 122.	1.6	23
34	PBX1 promotes development of natural killer cells by binding directly to the <i>Nfil3</i> promoter. <i>FASEB Journal</i> , 2020, 34, 6479-6492.	0.2	13
35	MicroRNA-125a-Loaded Polymeric Nanoparticles Alleviate Systemic Lupus Erythematosus by Restoring Effector/Regulatory T Cells Balance. <i>ACS Nano</i> , 2020, 14, 4414-4429.	7.3	53
36	Taurine Metabolism Aggravates the Progression of Lupus by Promoting the Function of Plasmacytoid Dendritic Cells. <i>Arthritis and Rheumatology</i> , 2020, 72, 2106-2117.	2.9	13

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37	Complete clinical remission of invasive <i>Candida</i> infection with <i>CARD9</i> deficiency after G-CSF treatment. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2020, 70, 101417.	0.7	15
38	De Novo <i>ARID1B</i> mutations cause growth delay associated with aberrant Wnt/β-catenin signaling. <i>Human Mutation</i> , 2020, 41, 1012-1024.	1.1	20
39	<i>PBX1</i> expression in uterine natural killer cells drives fetal growth. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	54
40	The MicroRNA <i>miR-22</i> Represses Th17 Cell Pathogenicity by Targeting PTEN-Regulated Pathways. <i>ImmunoHorizons</i> , 2020, 4, 308-318.	0.8	6
41	Allelic phenotype values: a model for genotype-based phenotype prediction in phenylketonuria. <i>Genetics in Medicine</i> , 2019, 21, 580-590.	1.1	48
42	Identification of Serum Biomarkers for Systemic Lupus Erythematosus Using a Library of Phage Displayed Random Peptides and Deep Sequencing. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1851-1863.	2.5	13
43	Interferon-β exacerbates neuropsychiatric phenotypes in lupus-prone mice. <i>Arthritis Research and Therapy</i> , 2019, 21, 205.	1.6	14
44	Excessive CD11c <sup>+</sup> Tbet <sup>+</sup> B cells promote aberrant T <sub>FH</sub> differentiation and affinity-based germinal center selection in lupus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18550-18560.	3.3	68
45	Lupus-associated atypical memory B cells are mTORC1-hyperactivated and functionally dysregulated. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 1090-1100.	0.5	61
46	Identification of Renal Long Non-coding RNA RP11-2B6.2 as a Positive Regulator of Type I Interferon Signaling Pathway in Lupus Nephritis. <i>Frontiers in Immunology</i> , 2019, 10, 975.	2.2	52
47	Exosomal hsa-miR199a-3p Promotes Proliferation and Migration in Neuroblastoma. <i>Frontiers in Oncology</i> , 2019, 9, 459.	1.3	39
48	In vitro residual activities in 20 variants of phenylalanine hydroxylase and genotype-phenotype correlation in phenylketonuria patients. <i>Gene</i> , 2019, 707, 239-245.	1.0	7
49	Structure and Degradation of Circular RNAs Regulate PKR Activation in Innate Immunity. <i>Cell</i> , 2019, 177, 865-880.e21.	13.5	543
50	Amino acid signatures of HLA Class-I and II molecules are strongly associated with SLE susceptibility and autoantibody production in Eastern Asians. <i>PLoS Genetics</i> , 2019, 15, e1008092.	1.5	36
51	165 Identification of serum biomarkers for systemic lupus erythematosus using a library of phage displayed random peptides and deep sequencing. , 2019, , .		0
52	A Diagnostic Panel of DNA Methylation Biomarkers for Lung Adenocarcinoma. <i>Frontiers in Oncology</i> , 2019, 9, 1281.	1.3	30
53	Alterations of the gut microbiome and plasma proteome in Chinese patients with adolescent idiopathic scoliosis. <i>Bone</i> , 2019, 120, 364-370.	1.4	22
54	Deficiency of β-Arrestin 2 in Dendritic Cells Contributes to Autoimmune Diseases. <i>Journal of Immunology</i> , 2019, 202, 407-420.	0.4	8

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55	Mutation spectrum of hyperphenylalaninemia candidate genes and the genotype-phenotype correlation in the Chinese population. <i>Clinica Chimica Acta</i> , 2018, 481, 132-138.	0.5	24
56	Exome-wide association study identifies four novel loci for systemic lupus erythematosus in Han Chinese population. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 417-417.	0.5	50
57	Heterogeneous clinical spectrum of DNAJC12-deficient hyperphenylalaninemia: from attention deficit to severe dystonia and intellectual disability. <i>Journal of Medical Genetics</i> , 2018, 55, 249-253.	1.5	29
58	Identification of LncRNA Linc00513 Containing Lupus-Associated Genetic Variants as a Novel Regulator of Interferon Signaling Pathway. <i>Frontiers in Immunology</i> , 2018, 9, 2967.	2.2	56
59	Identification of sparganosis based on next-generation sequencing. <i>Infection, Genetics and Evolution</i> , 2018, 66, 256-261.	1.0	13
60	Association of Abnormal Elevations in $\text{IFIT}3$ With Overactive Cyclic $\text{GMP} \rightarrow \text{AMP}$ Synthase/Stimulator of Interferon Genes Signaling in Human Systemic Lupus Erythematosus Monocytes. <i>Arthritis and Rheumatology</i> , 2018, 70, 2036-2045.	2.9	57
61	Relationship between genotype, phenylalanine hydroxylase expression and in vitro activity and metabolic phenotype in phenylketonuria. <i>Molecular Genetics and Metabolism</i> , 2018, 125, 86-95.	0.5	31
62	Clinical remission of myopathy with MYH2 deficiency after precision medicine-developed rehabilitation: a case report. <i>American Journal of Translational Research (discontinued)</i> , 2018, 10, 3827-3832.	0.0	1
63	A missense variant in NCF1 is associated with susceptibility to multiple autoimmune diseases. <i>Nature Genetics</i> , 2017, 49, 433-437.	9.4	143
64	Biallelic Mutations in DNAJC12 Cause Hyperphenylalaninemia, Dystonia, and Intellectual Disability. <i>American Journal of Human Genetics</i> , 2017, 100, 257-266.	2.6	127
65	Quantitative Susceptibility Mapping of the Substantia Nigra in Parkinson's Disease. <i>Applied Magnetic Resonance</i> , 2017, 48, 533-544.	0.6	13
66	Epigenetic regulator CXXC5 recruits DNA demethylase Tet2 to regulate TLR7/9-elicited IFN response in pDCs. <i>Journal of Experimental Medicine</i> , 2017, 214, 1471-1491.	4.2	81
67	The role of long non-coding RNAs in rheumatic diseases. <i>Nature Reviews Rheumatology</i> , 2017, 13, 657-669.	3.5	65
68	T-bet $^+$ CD11c $^+$ B cells are critical for antichromatin immunoglobulin G production in the development of lupus. <i>Arthritis Research and Therapy</i> , 2017, 19, 225.	1.6	58
69	Mir-125a Is a critical modulator for neutrophil development. <i>PLoS Genetics</i> , 2017, 13, e1007027.	1.5	19
70	SEN7 Potentiates cGAS Activation by Relieving SUMO-Mediated Inhibition of Cytosolic DNA Sensing. <i>PLoS Pathogens</i> , 2017, 13, e1006156.	2.1	81
71	Identification of Cyclin-Dependent Kinase 1 as a Novel Regulator of Type I Interferon Signaling in Systemic Lupus Erythematosus. <i>Arthritis and Rheumatology</i> , 2016, 68, 1222-1232.	2.9	35
72	Dendritic Cells in Systemic Lupus Erythematosus: From Pathogenic Players to Therapeutic Tools. <i>Mediators of Inflammation</i> , 2016, 2016, 1-12.	1.4	43

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73	Phenotypic and functional alterations of pDCs in lupus-prone mice. <i>Scientific Reports</i> , 2016, 6, 20373.	1.6	23
74	In vitro residual activity of phenylalanine hydroxylase variants and correlation with metabolic phenotypes in PKU. <i>Gene</i> , 2016, 594, 138-143.	1.0	15
75	Identification of the long noncoding RNA NEAT1 as a novel inflammatory regulator acting through MAPK pathway in human lupus. <i>Journal of Autoimmunity</i> , 2016, 75, 96-104.	3.0	233
76	High-density genotyping of immune-related loci identifies new SLE risk variants in individuals with Asian ancestry. <i>Nature Genetics</i> , 2016, 48, 323-330.	9.4	219
77	Co-expression of phenylalanine hydroxylase variants and effects of interallelic complementation on in vitro enzyme activity and genotype-phenotype correlation. <i>Molecular Genetics and Metabolism</i> , 2016, 117, 328-335.	0.5	33
78	miR-744 enhances type I interferon signaling pathway by targeting PTP1B in primary human renal mesangial cells. <i>Scientific Reports</i> , 2015, 5, 12987.	1.6	23
79	Association of large intergenic noncoding RNA expression with disease activity and organ damage in systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , 2015, 17, 131.	1.6	92
80	Type I Interferon Inhibition of MicroRNA-146a Maturation Through Up-Regulation of Monocyte Chemoattractant Protein-1 in Systemic Lupus Erythematosus. <i>Arthritis and Rheumatology</i> , 2015, 67, 3209-3218.	2.9	51
81	Berberine may rescue <i>Fusobacterium nucleatum</i> -induced colorectal tumorigenesis by modulating the tumor microenvironment. <i>Oncotarget</i> , 2015, 6, 32013-32026.	0.8	108
82	Lupus risk variants in the PXX locus alter B-cell receptor internalization. <i>Frontiers in Genetics</i> , 2015, 5, 450.	1.1	25
83	miRNAs in the Pathogenesis of Systemic Lupus Erythematosus. <i>International Journal of Molecular Sciences</i> , 2015, 16, 9557-9572.	1.8	55
84	Probiotics <i>Clostridium butyricum</i> and <i>Bacillus subtilis</i> ameliorate intestinal tumorigenesis. <i>Future Microbiology</i> , 2015, 10, 1433-1445.	1.0	82
85	Expression, localization, and clinical application of the RNA binding domain of U1-70kD in HEp-2 cells. <i>Annals of Clinical and Laboratory Science</i> , 2015, 45, 134-9.	0.2	0
86	Dysregulated expression of interleukin-23 and interleukin-12 subunits in systemic lupus erythematosus patients. <i>Modern Rheumatology</i> , 2007, 17, 220-223.	0.9	32