

# Tianfu Wu

## List of Publications by Year in descending order

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77  
papers

3,080  
citations

172457

29  
h-index

168389

53  
g-index

78  
all docs

78  
docs citations

78  
times ranked

5223  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of autoantibody clusters that best predict lupus disease activity using glomerular proteome arrays. <i>Journal of Clinical Investigation</i> , 2005, 115, 3428-3439.	8.2	219
2	Combined Deficiency of Proapoptotic Regulators Bim and Fas Results in the Early Onset of Systemic Autoimmunity. <i>Immunity</i> , 2008, 28, 206-217.	14.3	198
3	Critical role of TLR7 in the acceleration of systemic lupus erythematosus in TLR9-deficient mice. <i>Journal of Autoimmunity</i> , 2010, 34, 339-348.	6.5	189
4	A Hydrogel-Based Hybrid Theranostic Contact Lens for Fungal Keratitis. <i>ACS Nano</i> , 2016, 10, 6464-6473.	14.6	182
5	SLE Peripheral Blood B Cell, T Cell and Myeloid Cell Transcriptomes Display Unique Profiles and Each Subset Contributes to the Interferon Signature. <i>PLoS ONE</i> , 2013, 8, e67003.	2.5	165
6	Metabolic Disturbances Associated with Systemic Lupus Erythematosus. <i>PLoS ONE</i> , 2012, 7, e37210.	2.5	160
7	Elevated Urinary VCAM-1, P-Selectin, Soluble TNF Receptor-1, and CXC Chemokine Ligand 16 in Multiple Murine Lupus Strains and Human Lupus Nephritis. <i>Journal of Immunology</i> , 2007, 179, 7166-7175.	0.8	148
8	Urine VCAM-1 as a marker of renal pathology activity index in lupus nephritis. <i>Arthritis Research and Therapy</i> , 2012, 14, R164.	3.5	85
9	Shared signaling networks active in B cells isolated from genetically distinct mouse models of lupus. <i>Journal of Clinical Investigation</i> , 2007, 117, 2186-2196.	8.2	84
10	Biomarkers of An Autoimmune Skin Disease—Psoriasis. <i>Genomics, Proteomics and Bioinformatics</i> , 2015, 13, 224-233.	6.9	82
11	SERS substrate based on the flexible hybrid of polydimethylsiloxane and silver colloid decorated with silver nanoparticles. <i>Optics Express</i> , 2018, 26, 21784.	3.4	73
12	Inflammation associated anemia and ferritin as disease markers in systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , 2012, 14, R182.	3.5	69
13	Urinary Angiostatin - A Novel Putative Marker of Renal Pathology Chronicity in Lupus Nephritis. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1170-1179.	3.8	68
14	Constructing 3D and Flexible Plasmonic Structure for High-Performance SERS Application. <i>Advanced Materials Technologies</i> , 2018, 3, 1800174.	5.8	65
15	NMR structure of the KaiC-interacting C-terminal domain of KaiA, a circadian clock protein: Implications for KaiA-KaiC interaction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 1479-1484.	7.1	62
16	The AKT Axis as a Therapeutic Target in Autoimmune Diseases. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2009, 9, 145-150.	1.2	62
17	Heightened cleavage of Axl receptor tyrosine kinase by ADAM metalloproteases may contribute to disease pathogenesis in SLE. <i>Clinical Immunology</i> , 2016, 169, 58-68.	3.2	61
18	Antibody-Array-Based Proteomic Screening of Serum Markers in Systemic Lupus Erythematosus: A Discovery Study. <i>Journal of Proteome Research</i> , 2016, 15, 2102-2114.	3.7	56

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19	Contrast-enhanced ultrasound with SonoVue could accurately assess the renal microvascular perfusion in diabetic kidney damage. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 2891-2898.	0.7	55
20	Adverse Effects of Simulated Hyper- and Hypo-Phosphatemia on Endothelial Cell Function and Viability. <i>PLoS ONE</i> , 2011, 6, e23268.	2.5	54
21	Insulin-Like Growth Factor Binding Proteins in Autoimmune Diseases. <i>Frontiers in Endocrinology</i> , 2018, 9, 499.	3.5	53
22	Identification of Novel Autoantibodies Associated With Psoriatic Arthritis. <i>Arthritis and Rheumatology</i> , 2019, 71, 941-951.	5.6	48
23	Urinary Vascular Cell Adhesion Molecule, But Not Neutrophil Gelatinase-associated Lipocalin, Is Associated with Lupus Nephritis. <i>Journal of Rheumatology</i> , 2012, 39, 1231-1237.	2.0	47
24	Excreted urinary mediators in an animal model of experimental immune nephritis with potential pathogenic significance. <i>Arthritis and Rheumatism</i> , 2007, 56, 949-959.	6.7	43
25	Urine Proteome Scans Uncover Total Urinary Protease, Prostaglandin D Synthase, Serum Amyloid P, and Superoxide Dismutase as Potential Markers of Lupus Nephritis. <i>Journal of Immunology</i> , 2010, 184, 2183-2193.	0.8	39
26	Prevention of Murine Lupus Nephritis by Targeting Multiple Signaling Axes and Oxidative Stress Using a Synthetic Triterpenoid. <i>Arthritis and Rheumatology</i> , 2014, 66, 3129-3139.	5.6	37
27	Diagnostic value of quantitative contrast-enhanced ultrasound (CEUS) for early detection of renal hyperperfusion in diabetic kidney disease. <i>Journal of Nephrology</i> , 2015, 28, 669-678.	2.0	36
28	Autoantibodies as Potential Biomarkers in Breast Cancer. <i>Biosensors</i> , 2018, 8, 67.	4.7	36
29	PI3K/AKT/mTOR hypersignaling in autoimmune lymphoproliferative disease engendered by the epistatic interplay of <i>Sle1b</i> and <i>FASlpr</i> . <i>International Immunology</i> , 2007, 19, 509-522.	4.0	34
30	A Conductive Nanowire-Mesh Biosensor for Ultrasensitive Detection of Serum C-reactive Protein in Melanoma. <i>Advanced Functional Materials</i> , 2018, 28, 1802482.	14.9	34
31	Immunosensors for Biomarker Detection in Autoimmune Diseases. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2017, 65, 111-121.	2.3	31
32	Proteomic toolbox for autoimmunity research. <i>Autoimmunity Reviews</i> , 2009, 8, 595-598.	5.8	30
33	Systemic-Lupus-Erythematosus-Related Acute Pancreatitis: A Cohort from South China. <i>Clinical and Developmental Immunology</i> , 2012, 2012, 1-8.	3.3	30
34	Identification of apoptosis and macrophage migration events in paraquat-induced oxidative stress using a zebrafish model. <i>Life Sciences</i> , 2016, 157, 116-124.	4.3	26
35	Superoxide dismutase mimetic drug tempol aggravates anti-GBM antibody-induced glomerulonephritis in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 299, F445-F452.	2.7	25
36	The Lupus-Susceptibility Locus, <i>Sle3</i> , Mediates Enhanced Resistance to Bacterial Infections. <i>Journal of Immunology</i> , 2006, 176, 3233-3239.	0.8	21

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37	A Nanoparticleâ€Decorated Biomoleculeâ€Responsive Polymer Enables Robust Signaling Cascade for Biosensing. <i>Advanced Materials</i> , 2017, 29, 1702090.	21.0	21
38	Elevated Cardiac Markers in Chronic Kidney Disease as a Consequence of Hyperphosphatemia-Induced Cardiac Myocyte Injury. <i>Medical Science Monitor</i> , 2014, 20, 2043-2053.	1.1	18
39	The Volume Ratio of Ground Glass Opacity in Early Lung CT Predicts Mortality in Acute Paraquat Poisoning. <i>PLoS ONE</i> , 2015, 10, e0121691.	2.5	18
40	Pneumomediastinum predicts early mortality in acute paraquat poisoning. <i>Clinical Toxicology</i> , 2015, 53, 551-556.	1.9	18
41	Molecularly Imprinted Polymer-Based Biosensors: For the Early, Rapid Detection of Pathogens, Biomarkers, and Toxins in Clinical, Environmental, or Food Samples. <i>IEEE Nanotechnology Magazine</i> , 2018, 12, 6-13.	1.3	17
42	Emerging Molecular Markers Towards Potential Diagnostic Panels for Lupus. <i>Frontiers in Immunology</i> , 2021, 12, 808839.	4.8	17
43	Curcumin Attenuates Both Acute and Chronic Immune Nephritis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1745.	4.1	15
44	Protein arrays for biomarker discovery in lupus. <i>Proteomics - Clinical Applications</i> , 2016, 10, 625-634.	1.6	14
45	Elevated oxidized lipids, anti-lipid autoantibodies and oxidized lipid immune complexes in active SLE. <i>Clinical Immunology</i> , 2019, 205, 43-48.	3.2	13
46	Extracellular regulated protein kinases play a key role via bone morphogenetic protein 4 in high phosphate-induced endothelial cell apoptosis. <i>Life Sciences</i> , 2015, 131, 37-43.	4.3	12
47	Development and validation of an impedance biosensor for point-of-care detection of vascular cell adhesion molecule-1 toward lupus diagnostics. <i>Future Science OA</i> , 2017, 3, FSO224.	1.9	12
48	Proteomic approaches for novel systemic lupus erythematosus (SLE) drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2018, 13, 765-777.	5.0	12
49	Relationship between serum bilirubin levels s and the progression of renal function in patients with chronic kidney disease and hyperuricemia. <i>Clinica Chimica Acta</i> , 2018, 486, 156-161.	1.1	11
50	Insulin-Like Growth Factor Binding Protein-4 as a Marker of Chronic Lupus Nephritis. <i>PLoS ONE</i> , 2016, 11, e0151491.	2.5	11
51	Proteomics on the Diagnostic Horizon: Lessons from Rheumatology. <i>American Journal of the Medical Sciences</i> , 2007, 333, 16-25.	1.1	10
52	Blockade of CD354 (TREM-1) Ameliorates Anti-GBM-Induced Nephritis. <i>Inflammation</i> , 2016, 39, 1169-1176.	3.8	10
53	One-step removal of harmful algal blooms by dual-functional flocculant based on self-branched chitosan integrated with flotation function. <i>Carbohydrate Polymers</i> , 2021, 259, 117710.	10.2	10
54	A BODIPY biosensor to detect and drive self-assembly of diphenylalanine. <i>Chemical Communications</i> , 2019, 55, 8564-8566.	4.1	9

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55	Hyperamylasemia as an Early Predictor of Mortality in Patients with Acute Paraquat Poisoning. <i>Medical Science Monitor</i> , 2016, 22, 1342-1348.	1.1	9
56	Paraquat Poisoning Followed by Toxic Epidermal Necrolysis: A Report of Two Cases and Published Work Review. <i>Dermatology</i> , 2015, 231, 209-212.	2.1	8
57	Protein Arrays II: Antigen Arrays. <i>Methods in Molecular Biology</i> , 2017, 1654, 271-277.	0.9	8
58	Discovery of IgG4 Anti-α-Gliadin Autoantibody as a Potential Biomarker of Psoriasis Using an Autoantigen Array. <i>Proteomics - Clinical Applications</i> , 2020, 14, 1800114.	1.6	8
59	An Aptamer-Array-Based Sample-to-Answer Biosensor for Ochratoxin A Detection via Fluorescence Resonance Energy Transfer. <i>Chemosensors</i> , 2021, 9, 309.	3.6	8
60	A near-infrared probe for detecting and interposing amyloid beta oligomerization in early Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2023, 19, 456-466.	0.8	8
61	Biomarkers of rheumatoid arthritis: recent progress. <i>Expert Opinion on Medical Diagnostics</i> , 2010, 4, 293-305.	1.6	7
62	Leukocyte Beta-Catenin Expression Is Disturbed in Systemic Lupus Erythematosus. <i>PLoS ONE</i> , 2016, 11, e0161682.	2.5	7
63	Protein Arrays I: Antibody Arrays. <i>Methods in Molecular Biology</i> , 2017, 1654, 261-269.	0.9	7
64	Serum vascular endothelial growth factor receptor 3 as a potential biomarker in psoriasis. <i>Experimental Dermatology</i> , 2018, 27, 1053-1057.	2.9	7
65	PSTK is a novel gene associated with early lung injury in Paraquat Poisoning. <i>Life Sciences</i> , 2015, 123, 9-17.	4.3	6
66	Ornithine is a key mediator in hyperphosphatemia-mediated human umbilical vein endothelial cell apoptosis: Insights gained from metabolomics. <i>Life Sciences</i> , 2016, 146, 73-80.	4.3	6
67	Discovery of Novel Circulating Immune Complexes in Lupus Nephritis Using Immunoproteomics. <i>Frontiers in Immunology</i> , 2022, 13, 850015.	4.8	6
68	Urine biomarkers in renal allograft. <i>Journal of Translational Internal Medicine</i> , 2016, 4, 109-113.	2.5	5
69	Three pathogenic determinants in immune nephritis - anti-glomerular antibody specificity, innate triggers and host genetics. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 2207.	3.0	5
70	Protein Arrays III: Reverse-Phase Protein Arrays. <i>Methods in Molecular Biology</i> , 2017, 1654, 279-289.	0.9	4
71	Lupus nephritis - alarmins may sound the alarm?. <i>Arthritis Research and Therapy</i> , 2012, 14, 129.	3.5	3
72	Glucose-modification of cisplatin to facilitate cellular uptake, mitigate toxicity to normal cells, and improve anti-cancer effect in cancer cells. <i>Journal of Molecular Structure</i> , 2020, 1203, 127361.	3.6	3

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73	Thermosensitive and Conductive Hybrid Polymer for Real-Time Monitoring of Spheroid Growth and Drug Responses. ACS Sensors, 2021, 6, 2147-2157.	7.8	3
74	Identification of polo-like kinase 1 as a therapeutic target in murine lupus. Clinical and Translational Immunology, 2022, 11, e1362.	3.8	3
75	Peritoneal catheter implantation elicits IL-10-producing immune-suppressor macrophages through a MyD88-dependent pathway. Clinical Immunology, 2012, 143, 59-72.	3.2	2
76	An inducible CO <sub>2</sub> concentrating mechanism in cyanobacterium Anabaena sp. strain PCC7120. Science Bulletin, 1999, 44, 2177-2181.	1.7	1
77	Kissing Nevus Of The Penis. Journal of the College of Physicians and Surgeons–Pakistan: JCPSP, 2018, 28, S19-S20.	0.4	1