

Lingling Wu

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

2,289
citations

279798

23
h-index

289244

40
g-index

42
all docs

42
docs citations

42
times ranked

2446
citing authors

#	ARTICLE	IF	CITATIONS
1	Aptamer-Based Detection of Circulating Targets for Precision Medicine. <i>Chemical Reviews</i> , 2021, 121, 12035-12105.	47.7	294
2	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.	6.5	233
3	Homogeneous, Low-volume, Efficient, and Sensitive Quantitation of Circulating Exosomal PD-L1 for Cancer Diagnosis and Immunotherapy Response Prediction. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4800-4805.	13.8	159
4	cGAS-STING-mediated DNA sensing maintains CD8 ⁺ T cell stemness and promotes antitumor T cell therapy. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	121
5	Trends in miniaturized biosensors for point-of-care testing. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 122, 115701.	11.4	119
6	Fluidic Multivalent Membrane Nanointerface Enables Synergetic Enrichment of Circulating Tumor Cells with High Efficiency and Viability. <i>Journal of the American Chemical Society</i> , 2020, 142, 4800-4806.	13.7	114
7	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.	3.5	92
8	Nucleic Acids Analysis. <i>Science China Chemistry</i> , 2021, 64, 171-203.	8.2	88
9	Microfluidic-Based Exosome Analysis for Liquid Biopsy. <i>Small Methods</i> , 2021, 5, e2001131.	8.6	81
10	Microfluidic Single-Cell Omics Analysis. <i>Small</i> , 2020, 16, e1903905.	10.0	80
11	ZBP1-MLKL necroptotic signaling potentiates radiation-induced antitumor immunity via intratumoral STING pathway activation. <i>Science Advances</i> , 2021, 7, eabf6290.	10.3	79
12	DNA Nanolithography Enables a Highly Ordered Recognition Interface in a Microfluidic Chip for the Efficient Capture and Release of Circulating Tumor Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14115-14119.	13.8	74
13	Aptamer-based microfluidics for isolation, release and analysis of circulating tumor cells. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 117, 69-77.	11.4	61
14	MicroRNA-130b Ameliorates Murine Lupus Nephritis Through Targeting the Type I Interferon Pathway on Renal Mesangial Cells. <i>Arthritis and Rheumatology</i> , 2016, 68, 2232-2243.	5.6	59
15	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.	3.5	58
16	Association of Abnormal Elevations in IFIT3 With Overactive Cyclic GMP-AMP Synthase/Stimulator of Interferon Genes Signaling in Human Systemic Lupus Erythematosus Monocytes. <i>Arthritis and Rheumatology</i> , 2018, 70, 2036-2045.	5.6	57
17	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.	4.8	52
18	A Sequential Multidimensional Analysis Algorithm for Aptamer Identification based on Structure Analysis and Machine Learning. <i>Analytical Chemistry</i> , 2020, 92, 3307-3314.	6.5	45

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19	Beyond Capture: Circulating Tumor Cell Release and Single-Cell Analysis. <i>Small Methods</i> , 2019, 3, 1800544.	8.6	41
20	Aptamer-Based Liquid Biopsy. <i>ACS Applied Bio Materials</i> , 2020, 3, 2743-2764.	4.6	38
21	Homogeneous, Low-volume, Efficient, and Sensitive Quantitation of Circulating Exosomal PD-L1 for Cancer Diagnosis and Immunotherapy Response Prediction. <i>Angewandte Chemie</i> , 2020, 132, 4830-4835.	2.0	36
22	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.	5.6	35
23	Selection of Aptamers Against Vimentin for Isolation and Release of Circulating Tumor Cells Undergoing Epithelial Mesenchymal Transition. <i>Analytical Chemistry</i> , 2020, 92, 5178-5184.	6.5	32
24	Single-Cell Digital Microfluidic Mass Spectrometry Platform for Efficient and Multiplex Genotyping of Circulating Tumor Cells. <i>Analytical Chemistry</i> , 2022, 94, 1108-1117.	6.5	25
25	Highly Sensitive Minimal Residual Disease Detection by Biomimetic Multivalent Aptamer Nanoclimber Functionalized Microfluidic Chip. <i>Small</i> , 2020, 16, e2000949.	10.0	24
26	Efficient Isolation and Phenotypic Profiling of Circulating Hepatocellular Carcinoma Cells via a Combinatorial-Antibody-Functionalized Microfluidic Synergetic-Chip. <i>Analytical Chemistry</i> , 2020, 92, 15229-15235.	6.5	23
27	MicroRNAs in Systemic Lupus Erythematosus: a Perspective on the Path from Biological Discoveries to Clinical Practice. <i>Current Rheumatology Reports</i> , 2020, 22, 17.	4.7	20
28	MiR-125a Is a critical modulator for neutrophil development. <i>PLoS Genetics</i> , 2017, 13, e1007027.	3.5	19
29	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.	4.8	17
30	Single-Cell Sequencing Methodologies: From Transcriptome to Multi-Dimensional Measurement. <i>Small Methods</i> , 2021, 5, e2100111.	8.6	17
31	Antibody-engineered red blood cell interface for high-performance capture and release of circulating tumor cells. <i>Bioactive Materials</i> , 2022, 11, 32-40.	15.6	15
32	Cilo-seq: highly sensitive cell-in-library-out single-cell transcriptome sequencing with digital microfluidics. <i>Lab on A Chip</i> , 2022, 22, 1971-1979.	6.0	14
33	Exosomal PD-L1: an effective liquid biopsy target to predict immunotherapy response. <i>National Science Review</i> , 2019, 6, 1103-1104.	9.5	13
34	Stimuli-Responsive Microfluidic Interface Enables Highly Efficient Capture and Release of Circulating Fetal Cells for Non-Invasive Prenatal Testing. <i>Analytical Chemistry</i> , 2020, 92, 9281-9286.	6.5	13
35	miR-152 Attenuates the Severity of Lupus Nephritis Through the Downregulation of Macrophage Migration Inhibitory Factor (MIF)-Induced Expression of COL1A1. <i>Frontiers in Immunology</i> , 2019, 10, 158.	4.8	12
36	Reversible Immunoaffinity Interface Enables Dynamic Manipulation of Trapping Force for Accumulated Capture and Efficient Release of Circulating Rare Cells. <i>Advanced Science</i> , 2021, 8, e2102070.	11.2	12

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37	DNA Nanolithography Enables a Highly Ordered Recognition Interface in a Microfluidic Chip for the Efficient Capture and Release of Circulating Tumor Cells. <i>Angewandte Chemie</i> , 2020, 132, 14219-14223.	2.0	6
38	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.	4.8	6
39	Selective, user-friendly, highly porous, efficient, and rapid (SUPER) filter for isolation and analysis of rare tumor cells. <i>Lab on A Chip</i> , 2022, 22, 367-376.	6.0	3
40	Dispen-Seq: a single-microparticle dispenser based strategy towards flexible cell barcoding for single-cell RNA sequencing. <i>Science China Chemistry</i> , 2021, 64, 650-659.	8.2	2
41	177â€¦Decreased expression of renal MiR-127â€“3p contributes to the overactivation of interferon signaling pathway in the kidney of lupus nephritis. , 2019, , .		0
42	Inside Front Cover: Singleâ€Cell Sequencing Methodologies: From Transcriptome to Multiâ€Dimensional Measurement (Small Methods 6/2021). <i>Small Methods</i> , 2021, 5, 2170024.	8.6	0