

Xiaobo Yu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54
papers

1,506
citations

23
h-index

38
g-index

56
ext. papers

1,819
ext. citations

7
avg, IF

4.48
L-index

#	Paper	IF	Citations
54	Inhibitor screening using microarray identifies the high capacity of neutralizing antibodies to Spike variants in SARS-CoV-2 infection and vaccination.. <i>Theranostics</i> , 2022 , 12, 2519-2534	12.1	0
53	Anti-PD1/PDL1 IgG subclass distribution in ten cancer types and anti-PD1 IgG4 as biomarker for the long time survival in NSCLC with anti-PD1 therapy. <i>Cancer Immunology, Immunotherapy</i> , 2021 , 1	7.4	2
52	Advances and Utility of the Human Plasma Proteome. <i>Journal of Proteome Research</i> , 2021 , 20, 5241-5263	3.6	16
51	Proteome-wide epitope mapping identifies a resource of antibodies for SARS-CoV-2 detection and neutralization. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 166	21	5
50	Discovery of plasma biomarkers with data-independent acquisition mass spectrometry and antibody microarray for diagnosis and risk stratification of pulmonary embolism. <i>Journal of Thrombosis and Haemostasis</i> , 2021 , 19, 1738-1751	15.4	1
49	TIDB: a comprehensive database of trained immunity. <i>Database: the Journal of Biological Databases and Curation</i> , 2021 , 2021,	5	2
48	Detection of Posttranslational Modification Autoantibodies Using Peptide Microarray. <i>Methods in Molecular Biology</i> , 2021 , 2344, 99-106	1.4	
47	Comprehensive analysis of immunoglobulin and clinical variables identifies functional linkages and diagnostic indicators associated with Behçet's disease patients receiving immunomodulatory treatment. <i>BMC Immunology</i> , 2021 , 22, 16	3.7	
46	Longitudinal and proteome-wide analyses of antibodies in COVID-19 patients reveal features of the humoral immune response to SARS-CoV-2. <i>Journal of Advanced Research</i> , 2021 ,	13	1
45	Dynamic landscape mapping of humoral immunity to SARS-CoV-2 identifies non-structural protein antibodies associated with the survival of critical COVID-19 patients. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 304	21	7
44	Protein array-based companion diagnostics in precision medicine. <i>Expert Review of Molecular Diagnostics</i> , 2020 , 20, 1183-1198	3.8	3
43	SARS-CoV-2 Proteome Microarray for Mapping COVID-19 Antibody Interactions at Amino Acid Resolution. <i>ACS Central Science</i> , 2020 , 6, 2238-2249	16.8	82
42	Autoantibody profiling identifies predictive biomarkers of response to anti-PD1 therapy in cancer patients. <i>Theranostics</i> , 2020 , 10, 6399-6410	12.1	14
41	Comprehensive Analyses of the Immunoglobulin Proteome for the Classification of Glomerular Diseases. <i>Journal of Proteome Research</i> , 2020 , 19, 1502-1512	5.6	1
40	Serum Protein Profiling Reveals a Landscape of Inflammation and Immune Signaling in Early-stage COVID-19 Infection. <i>Molecular and Cellular Proteomics</i> , 2020 , 19, 1749-1759	7.6	28
39	COVID-19 diagnostic testing: Technology perspective. <i>Clinical and Translational Medicine</i> , 2020 , 10, e158	5.7	38
38	Direct Proteomic Mapping of Cysteine Persulfidation. <i>Antioxidants and Redox Signaling</i> , 2020 , 33, 1061-1076	7.6	47

37	AAtlas 1.0: A Database of Human Autoantigens Extracted from Biomedical Literature. <i>Methods in Molecular Biology</i> , 2020 , 2131, 365-374	1.4	1
36	Coelonin, an Anti-Inflammation Active Component of and Its Potential Mechanism. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	30
35	In-depth serum proteomics reveals biomarkers of psoriasis severity and response to traditional Chinese medicine. <i>Theranostics</i> , 2019 , 9, 2475-2488	12.1	37
34	Glycosylation Profiling of Tumor Marker in Plasma Using Bead-Based Immunoassay. <i>Methods in Molecular Biology</i> , 2019 , 1871, 413-420	1.4	2
33	Legionella effector AnkX interacts with host nuclear protein PLEKHN1. <i>BMC Microbiology</i> , 2018 , 18, 5	4.5	9
32	Development of RBC Membrane Antigen Arrays for Validating Blood Grouping Reagents. <i>Journal of Proteome Research</i> , 2018 , 17, 3237-3245	5.6	1
31	Advances in cell-free protein array methods. <i>Expert Review of Proteomics</i> , 2018 , 15, 1-11	4.2	13
30	Identification of Antibody Targets for Tuberculosis Serology using High-Density Nucleic Acid Programmable Protein Arrays. <i>Molecular and Cellular Proteomics</i> , 2017 , 16, S277-S289	7.6	29
29	Multiplexed Nucleic Acid Programmable Protein Arrays. <i>Theranostics</i> , 2017 , 7, 4057-4070	12.1	19
28	Automatic Identification and Quantification of Extra-Well Fluorescence in Microarray Images. <i>Journal of Proteome Research</i> , 2017 , 16, 3969-3977	5.6	3
27	AAtlas 1.0: a human autoantigen database. <i>Nucleic Acids Research</i> , 2017 , 45, D769-D776	20.1	33
26	Immunoproteomic Profiling of Antiviral Antibodies in New-Onset Type 1 Diabetes Using Protein Arrays. <i>Diabetes</i> , 2016 , 65, 285-96	0.9	47
25	Advancing translational research with next-generation protein microarrays. <i>Proteomics</i> , 2016 , 16, 1238-508	4	21
24	High-throughput identification of proteins with AMPylation using self-assembled human protein (NAPPA) microarrays. <i>Nature Protocols</i> , 2015 , 10, 756-67	18.8	28
23	Antiviral antibody profiling by high-density protein arrays. <i>Proteomics</i> , 2015 , 15, 2136-45	4.8	21
22	Host-pathogen interaction profiling using self-assembling human protein arrays. <i>Journal of Proteome Research</i> , 2015 , 14, 1920-36	5.6	34
21	In situ drug-receptor binding kinetics in single cells: a quantitative label-free study of anti-tumor drug resistance. <i>Scientific Reports</i> , 2014 , 4, 6609	4.9	33
20	Mycobacterial membrane vesicles administered systemically in mice induce a protective immune response to surface compartments of <i>Mycobacterium tuberculosis</i> . <i>MBio</i> , 2014 , 5, e01921-14	7.8	65

19	Exploration of panviral proteome: high-throughput cloning and functional implications in virus-host interactions. <i>Theranostics</i> , 2014 , 4, 808-22	12.1	25
18	Copper-catalyzed azide-alkyne cycloaddition (click chemistry)-based detection of global pathogen-host AMPylation on self-assembled human protein microarrays. <i>Molecular and Cellular Proteomics</i> , 2014 , 13, 3164-76	7.6	34
17	Probing of CD4 binding pocket of HIV-1 gp120 glycoprotein using unnatural phenylalanine analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 5699-5703	2.9	6
16	AMPylation of Rho GTPases subverts multiple host signaling processes. <i>Journal of Biological Chemistry</i> , 2014 , 289, 32977-88	5.4	29
15	A versatile protein microarray platform enabling antibody profiling against denatured proteins. <i>Proteomics - Clinical Applications</i> , 2013 , 7, 378-83	3.1	33
14	Robust microarray production of freshly expressed proteins in a human milieu. <i>Proteomics - Clinical Applications</i> , 2013 , 7, 372-7	3.1	26
13	Quantifying antibody binding on protein microarrays using microarray nonlinear calibration. <i>BioTechniques</i> , 2013 , 54, 257-64	2.5	23
12	µFBI: a microfluidic bead-based immunoassay for multiplexed detection of proteins from a µL sample volume. <i>PLoS ONE</i> , 2010 , 5, e13125	3.7	21
11	Protein microarrays for personalized medicine. <i>Clinical Chemistry</i> , 2010 , 56, 376-87	5.5	87
10	High-throughput antibody generation using multiplexed immunization and immunogen array analysis. <i>Journal of Biomolecular Screening</i> , 2010 , 15, 1260-7		5
9	Protein microarrays: effective tools for the study of inflammatory diseases. <i>Methods in Molecular Biology</i> , 2009 , 577, 199-214	1.4	19
8	An impedance array biosensor for detection of multiple antibody-antigen interactions. <i>Analyst, The</i> , 2006 , 131, 745-50	5	46
7	An impedance biosensor array for label-free detection of multiple antigen-antibody reactions. <i>Frontiers in Bioscience - Landmark</i> , 2006 , 11, 983-90	2.8	8
6	Label-free detection methods for protein microarrays. <i>Proteomics</i> , 2006 , 6, 5493-503	4.8	157
5	Label-free electrochemical detection for aptamer-based array electrodes. <i>Analytical Chemistry</i> , 2005 , 77, 5107-13	7.8	265
4	SARS-CoV-2 proteome microarray for mapping COVID-19 antibody interactions at amino acid resolution		28
3	Proteome-wide analysis of differentially-expressed SARS-CoV-2 antibodies in early COVID-19 infection		17
2	Serum protein profiling reveals a landscape of inflammation and immune signaling in early-stage COVID-19 infection		2

1 Down-regulation of SARS-CoV-2 neutralizing antibodies in vaccinated smokers

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