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ReScan, a Multiplex Diagnostic Pipeline, Pans Human Sera for SARS-CoV-2 Antigens

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#	Paper	IF	Citations
60	Rapid, point-of-care antigen and molecular-based tests for diagnosis of SARS-CoV-2 infection. <i>The Cochrane Library</i> , 2020 , 8, CD013705	5.2	311
59	Proteomics in the COVID-19 Battlefield: First Semester Check-Up. <i>Proteomics</i> , 2021 , 21, e2000198	4.8	12
58	Systematic evaluation of IgG responses to SARS-CoV-2 spike protein-derived peptides for monitoring COVID-19 patients. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 621-631	15.4	19
57	A Single Immunization with Spike-Functionalized Ferritin Vaccines Elicits Neutralizing Antibody Responses against SARS-CoV-2 in Mice. <i>ACS Central Science</i> , 2021 , 7, 183-199	16.8	60
56	Mapping SARS-CoV-2 Antibody Epitopes in COVID-19 Patients with a Multi-Coronavirus Protein Microarray.		3
55	SARS-CoV-2 antibody testing for estimating COVID-19 prevalence in the population. <i>Cell Reports Medicine</i> , 2021 , 2, 100191	18	16
54	Molecular detection of SARS-CoV-2 being challenged by virus variation and asymptomatic infection. <i>Journal of Pharmaceutical Analysis</i> , 2021 , 11, 257-264	14	9
53	Linear epitope landscape of the SARS-CoV-2 Spike protein constructed from 1,051 COVID-19 patients. <i>Cell Reports</i> , 2021 , 34, 108915	10.6	56
52	Systematic profiling of SARS-CoV-2-specific IgG epitopes at amino acid resolution. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 1067-1069	15.4	7
51	Engineering luminescent biosensors for point-of-care SARS-CoV-2 antibody detection. <i>Nature Biotechnology</i> , 2021 , 39, 928-935	44.5	42
50	Rapid, point-of-care antigen and molecular-based tests for diagnosis of SARS-CoV-2 infection. <i>The Cochrane Library</i> , 2021 , 3, CD013705	5.2	208
49	Predicting COVID-19 Severity with a Specific Nucleocapsid Antibody plus Disease Risk Factor Score. <i>MSphere</i> , 2021 , 6,	5	8
48	From Multiplex Serology to Serolomics-A Novel Approach to the Antibody Response against the SARS-CoV-2 Proteome. <i>Viruses</i> , 2021 , 13,	6.2	4
47	Antibody responses to endemic coronaviruses modulate COVID-19 convalescent plasma functionality. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	29
46	High-resolution profiling of pathways of escape for SARS-CoV-2 spike-binding antibodies. <i>Cell</i> , 2021 , 184, 2927-2938.e11	56.2	12
45	Divergent and self-reactive immune responses in the CNS of COVID-19 patients with neurological symptoms. <i>Cell Reports Medicine</i> , 2021 , 2, 100288	18	39
44	multiSero: open multiplex-ELISA platform for analyzing antibody responses to SARS-CoV-2 infection. 2021 ,		3

43	Landscape and selection of vaccine epitopes in SARS-CoV-2. <i>Genome Medicine</i> , 2021 , 13, 101	14.4	10
42	Perspectives on passive antibody therapy and peptide-based vaccines against emerging pathogens like SARS-CoV-2. <i>Germes</i> , 2021 , 11, 287-305	2	1
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40	Escherichia coli recombinant expression of SARS-CoV-2 protein fragments.		
39	Humoral immune responses during SARS-CoV-2 mRNA vaccine administration in seropositive and seronegative individuals. <i>BMC Medicine</i> , 2021 , 19, 169	11.4	14
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36	Immunophenotyping assessment in a COVID-19 cohort (IMPACC): A prospective longitudinal study. <i>Science Immunology</i> , 2021 , 6,	28	2
35	SARS-CoV-2 Antibody Testing: Where Are We Now?. <i>Laboratory Medicine</i> , 2021 ,	1.6	
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29	From multiplex serology to serolomics: A novel approach to the antibody response against the SARS-CoV-2 proteome.		1
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25	Mapping SARS-CoV-2 Antibody Epitopes in COVID-19 Patients with a Multi-Coronavirus Protein Microarray. <i>Microbiology Spectrum</i> , 2021 , 9, e0141621	8.9	5
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22	Multiple sclerosis therapies differentially impact SARS-CoV-2 vaccine-induced antibody and T cell immunity and function.. <i>JCI Insight</i> , 2022 ,	9.9	15
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18	Evaluation of transplacental transfer of mRNA vaccine products and functional antibodies during pregnancy and early infancy.. 2021 ,		6
17	Evaluation of transplacental transfer of mRNA vaccine products and functional antibodies during pregnancy and early infancy.. 2021 ,		1
16	Evaluation of Spike Protein Epitopes by Assessing the Dynamics of Humoral Immune Responses in Moderate COVID-19.. <i>Frontiers in Immunology</i> , 2022 , 13, 770982	8.4	0
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7	Using Split Luminescent Biosensors for SARS-CoV-2 Antibody Detection in Serum, Plasma, and Blood Samples. 2022 , 2,	1
6	Pathogen and Antibody Identification in Children with Encephalitis in Myanmar.	0
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