

John L Schmitz

List of Publications by Year in descending order

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124
papers

1,140
citations

1039406

9
h-index

752256

20
g-index

145
all docs

145
docs citations

145
times ranked

3340
citing authors

#	ARTICLE	IF	CITATIONS
1	The receptor-binding domain of the viral spike protein is an immunodominant and highly specific target of antibodies in SARS-CoV-2 patients. <i>Science Immunology</i> , 2020, 5, .	5.6	772
2	Performance Characteristics and Validation of Next-Generation Sequencing for Human Leucocyte Antigen Typing. <i>Journal of Molecular Diagnostics</i> , 2016, 18, 668-675.	1.2	58
3	Sex Disparities and Neutralizing-Antibody Durability to SARS-CoV-2 Infection in Convalescent Individuals. <i>MSphere</i> , 2021, 6, e0027521.	1.3	36
4	Indeterminate QuantiFERON Gold Plus Results Reveal Deficient Interferon Gamma Responses in Severely Ill COVID-19 Patients. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0081121.	1.8	29
5	SARS-CoV-2 Seroprevalence among a Southern U.S. Population Indicates Limited Asymptomatic Spread under Physical Distancing Measures. <i>MBio</i> , 2020, 11, .	1.8	25
6	Apoptotic Debris Accumulates on Hematopoietic Cells and Promotes Disease in Murine and Human Systemic Lupus Erythematosus. <i>Journal of Immunology</i> , 2016, 196, 4030-4039.	0.4	21
7	Cleaning relapse risk from B cell phenotype: decreased CD5 ⁺ B cells portend a shorter time to relapse after B cell depletion in patients with ANCA-associated vasculitis. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1784-1786.	0.5	18
8	Influence of Germline Genetics on Tacrolimus Pharmacokinetics and Pharmacodynamics in Allogeneic Hematopoietic Stem Cell Transplant Patients. <i>International Journal of Molecular Sciences</i> , 2020, 21, 858.	1.8	16
9	Multisite comparison of methods for the quantitation of the surface expression of CD38 on CD8+ T lymphocytes. <i>Cytometry</i> , 2000, 42, 174-179.	1.8	11
10	Clinical Laboratory Immunology. <i>American Journal of Clinical Pathology</i> , 2014, 142, 437-444.	0.4	9
11	Accurate and reproducible enumeration of T-, B-, and NK lymphocytes using the BD FACSLyric 10-color system: A multisite clinical evaluation. <i>PLoS ONE</i> , 2019, 14, e0211207.	1.1	9
12	Comparison of the Gen-Probe Aptima HIV-1 and Abbott HIV-1 qualitative assays with the Roche Amplicor HIV-1 DNA assay for early infant diagnosis using dried blood spots. <i>Journal of Clinical Virology</i> , 2014, 60, 418-421.	1.6	6
13	High-Sensitivity Detection of Red and White Blood Cells in Paroxysmal Nocturnal Hemoglobinuria by Multiparameter Flow Cytometry. , 2016, , 168-181.		6
14	Next-generation sequencing and clinical histocompatibility testing. <i>Human Immunology</i> , 2021, 82, 829-837.	1.2	6
15	Immunodiagnosis of Autoimmune Myopathies. , 0, , 878-887.		6
16	Ethnoracial Disparities in SARS-CoV-2 Seroprevalence in a Large Cohort of Individuals in Central North Carolina from April to December 2020. <i>MSphere</i> , 2022, 7, e0084121.	1.3	6
17	Serological and Molecular Diagnosis of Fungal Infections. , 0, , 503-534.		5
18	C1q Test for Identification of Sensitized Liver Recipients at Risk of Early Acute Antibody-Mediated Rejection. <i>Annals of Transplantation</i> , 2017, 22, 518-523.	0.5	5

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19	Acute Lymphoblastic Leukemia/Lymphoma: Diagnosis and Minimal Residual Disease Detection by Flow Cytometric Immunophenotyping. , 2016, , 207-216.		4
20	Strategy for Detecting and Following Monoclonal Gammopathies. , 0, , 112-124.		4
21	Rabies Virus. , 0, , 665-673.		4
22	Cryopreservation of Peripheral Blood Mononuclear Cells. , 0, , 263-268.		3
23	Molecular Methods for Human Leukocyte Antigen Typing: Current Practices and Future Directions. , 2016, , 1069-1090.		3
24	Abrogating biologics interference in flow cytometric crossmatching. Human Immunology, 2021, 82, 574-580.	1.2	3
25	Comparison of Human Immunodeficiency Virus Antigens as Stimulants for Lymphocyte Proliferation Assays. Vaccine Journal, 2002, 9, 525-529.	3.2	2
26	Diagnosis of Prion Diseases. , 0, , 682-695.		2
27	Varicella-Zoster Virus. , 0, , 556-562.		2
28	Antinuclear Antibody Tests. , 2016, , 843-858.		2
29	Principles and Procedures of Human Immunodeficiency Virus Diagnosis. , 0, , 696-710.		2
30	The Bartonellaceae, Brucellaceae, and Francisellaceae. , 2016, , 473-481.		2
31	Immunological and Molecular Approaches for the Diagnosis of Parasitic Infections. , 2016, , 486-502.		2
32	Immunologic and Molecular Methods for Viral Diagnosis. , 2016, , 538-549.		2
33	Regulatory T Cell (Treg) Assays: Repertoire, Functions, and Clinical Importance of Human Treg. , 0, , 296-299.		2
34	Two cases of asymptomatic massive fetomaternal hemorrhage. Transfusion and Apheresis Science, 2015, 52, 208-210.	0.5	1
35	Chimerism Testing. , 2016, , 1161-1168.		1
36	Immunological Methods in the Diagnostic Allergy Clinical and Research Laboratory. , 2016, , 795-800.		1

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37	Clinical Indications and Applications of Serum and Urine Protein Electrophoresis. , 2016, , 74-88.		1
38	Functional Assays for B Cells and Antibodies. , 2016, , 280-289.		1
39	Diagnostic Methods for Group A Streptococcal Infections. , 2016, , 394-403.		1
40	Cytokine Measurement by Flow Cytometry. , 2016, , 338-342.		1
41	Chemokine and Chemokine Receptor Analysis. , 2016, , 343-356.		1
42	Cryoglobulins, Cryofibrinogenemia, and Pyroglobulins. , 2016, , 101-111.		1
43	Assay Methods for Measurement of Mediators and Markers of Allergic Inflammation. , 2016, , 801-814.		1
44	Rapid analysis of local data to inform off-label tocilizumab use early in the COVID-19 pandemic. Healthcare, 2021, 9, 100581.	0.6	1
45	Multisite comparison of methods for the quantitation of the surface expression of CD38 on CD8+ T lymphocytes. , 2000, 42, 174.		1
46	Measurement of NK Cell Phenotype and Activity in Humans. , 0, , 300-309.		1
47	TheRickettsiaceae, Anaplasmatataceae,andCoxiellaceae. , 0, , 461-472.		1
48	Human Herpesviruses 6, 7, and 8. , 0, , 578-590.		1
49	Detection of Autoantibodies by Enzyme-Linked Immunosorbent Assay and Bead Assays. , 0, , 859-867.		1
50	Plasma Cell Disorders. , 0, , 235-250.		1
51	Evaluation of the Humoral Response in Transplantation. , 0, , 1091-1102.		0
52	Non-Human Leukocyte Antigen Antibodies in Organ Transplantation. , 2016, , 1103-1107.		0
53	Evaluation of the Cellular Immune Response in Transplantation. , 2016, , 1108-1122.		0
54	Complement in Transplant Rejection. , 2016, , 1123-1131.		0

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55	Clinical Immunology Laboratory Accreditation, Licensure, and Credentials. , 0 , 1169-1179.		0
56	Validation and Quality Control: General Principles and Application to the Clinical Immunology Laboratory. , 0 , 1180-1191.		0
57	Combined Immunodeficiencies. , 0 , 721-736.		0
58	Malignancies of the Immune System: Use of Immunologic and Molecular Tumor Markers in Classification and Diagnostics. , 2016 , 1015-1035.		0
59	Autoantibodies Directed against Erythrocytes in Autoimmune Hemolytic Anemia. , 2016 , 990-994.		0
60	Autoantibodies to Glycolipids in Peripheral Neuropathy. , 2016 , 961-965.		0
61	Chronic Lymphocytic Leukemia, the Prototypic Chronic Leukemia for Flow Cytometric Analysis. , 0 , 226-234.		0
62	Methods for Detection of Antigen-Specific T Cells by Enzyme-Linked Immunospot Assay (ELISPOT). , 0 , 290-295.		0
63	Immunochemical Characterization of Immunoglobulins in Serum, Urine, and Cerebrospinal Fluid. , 2016 , 89-100.		0
64	Molecular Methods for Diagnosis of Genetic Diseases Involving the Immune System. , 2016 , 5-18.		0
65	Diagnosis of Hantavirus Infections. , 2016 , 658-664.		0
66	Future Perspectives for Rheumatoid Arthritis and Other Autoimmune Diseases. , 0 , 922-926.		0
67	Monitoring Autoimmune Reactivity within the Retina. , 2016 , 998-1003.		0
68	Molecular Characterization of Rejection in Solid Organ Transplantation. , 2016 , 1132-1149.		0
69	Lymphocyte Activation. , 0 , 269-279.		0
70	ChlamydiaandChlamyophilainfections. , 2016 , 453-460.		0
71	Immunoassay-Based Tumor Marker Measurement: Assays, Applications, and Algorithms. , 0 , 1008-1014.		0
72	The Classical Pathway of Complement. , 2016 , 129-132.		0

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73	Multiplex Cytokine Assays. , 2016, , 324-337.		0
74	<i>Mycoplasma</i>: Immunologic and Molecular Diagnostic Methods. , 0, , 444-452.		0
75	Human T-Cell Lymphotropic Virus Types 1 and 2. , 2016, , 674-681.		0
76	Measles, Mumps, and Rubella Viruses. , 2016, , 610-619.		0
77	Acute Myeloid Leukemia: Diagnosis and Minimal Residual Disease Detection by Flow Cytometry. , 0, , 217-225.		0
78	Future Cytometric Technologies and Applications. , 0, , 251-258.		0
79	Cytokines: Diagnostic and Clinical Applications. , 2016, , 357-364.		0
80	Protein Analysis in the Clinical Immunology Laboratory. , 2016, , 26-45.		0
81	Immunofluorescence Methods in the Diagnosis of Renal and Cardiac Diseases. , 2016, , 376-384.		0
82	Standardized Flow Cytometry Assays for Enumerating CD34+ Hematopoietic Stem Cells. , 2016, , 182-198.		0
83	Immunological Tests in Tuberculosis. , 0, , 433-443.		0
84	Diagnosis of Rare Eosinophilic and Mast Cell Disorders. , 0, , 825-837.		0
85	Viral Agents of Gastroenteritis. , 2016, , 639-647.		0
86	Antiphospholipid Antibody Syndrome: Clinical Manifestations and Laboratory Diagnosis. , 2016, , 905-908.		0
87	Antineutrophil Cytoplasmic Antibodies(ANCA) and Strategies for Diagnosing ANCA-Associated Vasculitides. , 2016, , 909-916.		0
88	Diagnosis of Helicobacter pylori Infection and Assessment of Eradication. , 2016, , 404-411.		0
89	Arboviruses. , 2016, , 648-657.		0
90	Parvovirus B19. , 2016, , 591-597.		0

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91	Detection of Anticytokine Autoantibodies and Clinical Applications. , 2016, , 365-372.		0
92	Herpes Simplex Virus. , 0, , 550-555.		0
93	Endocrinopathies: Chronic Thyroiditis, Addison Disease, Pernicious Anemia, Graves' Disease, Diabetes, and Hypophysitis. , 2016, , 930-953.		0
94	Neutropenia and Neutrophil Defects. , 0, , 766-774.		0
95	Tests for Immunological Reactions to Foods. , 2016, , 815-824.		0
96	Quantitation and Standardization of Allergens. , 2016, , 784-794.		0
97	Highlights of the 33rd annual scientific meeting of the Association of Medical Laboratory Immunologists (AMLI). Journal of Immunological Methods, 2021, 492, 112994.	0.6	0
98	NGS and its impact in medical laboratory immunology. Human Immunology, 2021, 82, 799-800.	1.2	0
99	Immunoglobulin Genes. , 0, , 51-64.		0
100	Immune Thrombocytopenia. , 0, , 995-997.		0
101	Respiratory Viruses. , 0, , 598-609.		0
102	IgG4-Related Disease: Diagnostic Testing by Serology, Flow Cytometry, and Immunohistopathology. , 0, , 917-921.		0
103	Lyme Disease, Relapsing Fever, and Leptospirosis. , 0, , 419-432.		0
104	Histocompatibility and Immunogenetics Testing in the 21st Century. , 0, , 1063-1068.		0
105	Detection of Antimitochondrial Autoantibodies in Primary Biliary Cholangitis and Liver Kidney Microsomal Antibodies in Autoimmune Hepatitis. , 0, , 966-974.		0
106	Western Blot Analysis for the Detection of Anti-Glomerular Basement Membrane Antibodies and Anti-Phospholipase A2 Receptor Antibodies. , 0, , 385-390.		0
107	Hereditary and Acquired Complement Deficiencies. , 0, , 749-765.		0
108	Analysis of Activity of Mannan-Binding Lectin, an Initiator of the Lectin Pathway of the Complement System. , 0, , 133-137.		0

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109	The Human Microbiome and Clinical Immunology. , 0, , 19-25.		0
110	Antibody Deficiencies. , 0, , 737-748.		0
111	Cardiovascular Diseases. , 0, , 975-982.		0
112	Epstein-Barr Virus and Cytomegalovirus. , 0, , 563-577.		0
113	Antibody and Biomarker Testing in Rheumatoid Arthritis. , 0, , 897-904.		0
114	Functional Assays for the Diagnosis of Chronic Granulomatous Disease. , 0, , 310-320.		0
115	Immunoglobulin Quantification and Viscosity Measurement. , 0, , 65-73.		0
116	Immunodiagnosis of Scleroderma. , 0, , 888-896.		0
117	Evaluation of Natural Killer (NK) Cell Defects. , 0, , 775-780.		0
118	Polychromatic Flow Cytometry. , 0, , 149-167.		0
119	Functional Flow Cytometry-Based Assays of Myeloid and Lymphoid Functions for the Diagnostic Screening of Primary Immunodeficiency Diseases. , 0, , 199-206.		0
120	The Nature of the Diseases That Arise from Improper Regulation of the Alternative Pathway of Complement. , 0, , 138-144.		0
121	The Primary Immunodeficiency Diseases. , 0, , 711-714.		0
122	Monitoring of Immunologic Therapies. , 0, , 1036-1050.		0
123	Celiac Disease and Inflammatory Bowel Disease. , 0, , 983-989.		0
124	Severe Combined Immune Deficiency:Newborn Screening. , 0, , 715-720.		0