

John L Schmitz

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	Highlights of the 33rd annual scientific meeting of the Association of Medical Laboratory Immunologists (AMLI). <i>Journal of Immunological Methods</i> , 2021, 492, 112994.	0.6	0
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	Abrogating biologics interference in flow cytometric crossmatching. <i>Human Immunology</i> , 2021, 82, 574-580.	1.2	3
5	Next-generation sequencing and clinical histocompatibility testing. <i>Human Immunology</i> , 2021, 82, 829-837.	1.2	6
6	Rapid analysis of local data to inform off-label tocilizumab use early in the COVID-19 pandemic. <i>Healthcare</i> , 2021, 9, 100581.	0.6	1
7	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
8	NGS and its impact in medical laboratory immunology. <i>Human Immunology</i> , 2021, 82, 799-800.	1.2	0
9	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
10	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
11	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
12	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
13	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
14	Non-Human Leukocyte Antigen Antibodies in Organ Transplantation. , 2016, , 1103-1107.		0
15	Evaluation of the Cellular Immune Response in Transplantation. , 2016, , 1108-1122.		0
16	Complement in Transplant Rejection. , 2016, , 1123-1131.		0
17	High-Sensitivity Detection of Red and White Blood Cells in Paroxysmal Nocturnal Hemoglobinuria by Multiparameter Flow Cytometry. , 2016, , 168-181.		6
18	Acute Lymphoblastic Leukemia/Lymphoma: Diagnosis and Minimal Residual Disease Detection by Flow Cytometric Immunophenotyping. , 2016, , 207-216.		4

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19	Malignancies of the Immune System: Use of Immunologic and Molecular Tumor Markers in Classification and Diagnostics. , 2016, , 1015-1035.		0
20	Chimerism Testing. , 2016, , 1161-1168.		1
21	Autoantibodies Directed against Erythrocytes in Autoimmune Hemolytic Anemia. , 2016, , 990-994.		0
22	Autoantibodies to Glycolipids in Peripheral Neuropathy. , 2016, , 961-965.		0
23	Immunochemical Characterization of Immunoglobulins in Serum, Urine, and Cerebrospinal Fluid. , 2016, , 89-100.		0
24	Molecular Methods for Diagnosis of Genetic Diseases Involving the Immune System. , 2016, , 5-18.		0
25	Diagnosis of Hantavirus Infections. , 2016, , 658-664.		0
26	Immunological Methods in the Diagnostic Allergy Clinical and Research Laboratory. , 2016, , 795-800.		1
27	Monitoring Autoimmune Reactivity within the Retina. , 2016, , 998-1003.		0
28	Molecular Characterization of Rejection in Solid Organ Transplantation. , 2016, , 1132-1149.		0
29	ChlamydiaandChlamyphilainfections. , 2016, , 453-460.		0
30	The Classical Pathway of Complement. , 2016, , 129-132.		0
31	Multiplex Cytokine Assays. , 2016, , 324-337.		0
32	Human T-Cell Lymphotropic Virus Types 1 and 2. , 2016, , 674-681.		0
33	Measles, Mumps, and Rubella Viruses. , 2016, , 610-619.		0
34	Antinuclear Antibody Tests. , 2016, , 843-858.		2
35	Cytokines: Diagnostic and Clinical Applications. , 2016, , 357-364.		0
36	Protein Analysis in the Clinical Immunology Laboratory. , 2016, , 26-45.		0

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37	Immunofluorescence Methods in the Diagnosis of Renal and Cardiac Diseases. , 2016, , 376-384.		0
38	Clinical Indications and Applications of Serum and Urine Protein Electrophoresis. , 2016, , 74-88.		1
39	Functional Assays for B Cells and Antibodies. , 2016, , 280-289.		1
40	Performance Characteristics and Validation of Next-Generation Sequencing for Human Leucocyte Antigen Typing. Journal of Molecular Diagnostics, 2016, 18, 668-675.	1.2	58
41	Diagnostic Methods for Group A Streptococcal Infections. , 2016, , 394-403.		1
42	Standardized Flow Cytometry Assays for Enumerating CD34+ Hematopoietic Stem Cells. , 2016, , 182-198.		0
43	Cytokine Measurement by Flow Cytometry. , 2016, , 338-342.		1
44	TheBartonellaceae, Brucellaceae,andFrancisellaceae. , 2016, , 473-481.		2
45	Chemokine and Chemokine Receptor Analysis. , 2016, , 343-356.		1
46	Viral Agents of Gastroenteritis. , 2016, , 639-647.		0
47	Antiphospholipid Antibody Syndrome: Clinical Manifestations and Laboratory Diagnosis. , 2016, , 905-908.		0
48	Antineutrophil Cytoplasmic Antibodies(ANCA) and Strategies for Diagnosing ANCA-Associated Vasculitides. , 2016, , 909-916.		0
49	Diagnosis of Helicobacter pylori Infection and Assessment of Eradication. , 2016, , 404-411.		0
50	Arboviruses. , 2016, , 648-657.		0
51	Parvovirus B19. , 2016, , 591-597.		0
52	Detection of Anticytokine Autoantibodies and Clinical Applications. , 2016, , 365-372.		0
53	Cryoglobulins, Cryofibrinogenemia, and Pyroglobulins. , 2016, , 101-111.		1
54	Endocrinopathies: Chronic Thyroiditis, Addison Disease, Pernicious Anemia, Graves' Disease, Diabetes, and Hypophysitis. , 2016, , 930-953.		0

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55	Tests for Immunological Reactions to Foods. , 2016, , 815-824.		0
56	Immunological and Molecular Approaches for the Diagnosis of Parasitic Infections. , 2016, , 486-502.		2
57	Immunologic and Molecular Methods for Viral Diagnosis. , 2016, , 538-549.		2
58	Apoptotic Debris Accumulates on Hematopoietic Cells and Promotes Disease in Murine and Human Systemic Lupus Erythematosus. Journal of Immunology, 2016, 196, 4030-4039.	0.4	21
59	Molecular Methods for Human Leukocyte Antigen Typing: Current Practices and Future Directions. , 2016, , 1069-1090.		3
60	Assay Methods for Measurement of Mediators and Markers of Allergic Inflammation. , 2016, , 801-814.		1
61	Quantitation and Standardization of Allergens. , 2016, , 784-794.		0
62	Two cases of asymptomatic massive fetomaternal hemorrhage. Transfusion and Apheresis Science, 2015, 52, 208-210.	0.5	1
63	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. Annals of the Rheumatic Diseases, 2015, 74, 1784-1786.	0.5	18
64	Clinical Laboratory Immunology. American Journal of Clinical Pathology, 2014, 142, 437-444.	0.4	9
65	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. Journal of Clinical Virology, 2014, 60, 418-421.	1.6	6
66	Comparison of Human Immunodeficiency Virus Antigens as Stimulants for Lymphocyte Proliferation Assays. Vaccine Journal, 2002, 9, 525-529.	3.2	2
67	Multisite comparison of methods for the quantitation of the surface expression of CD38 on CD8+ T lymphocytes. Cytometry, 2000, 42, 174-179.	1.8	11
68	Multisite comparison of methods for the quantitation of the surface expression of CD38 on CD8+ T lymphocytes. , 2000, 42, 174.		1
69	Evaluation of the Humoral Response in Transplantation. , 0, , 1091-1102.		0
70	Clinical Immunology Laboratory Accreditation, Licensure, and Credentials. , 0, , 1169-1179.		0
71	Validation and Quality Control: General Principles and Application to the Clinical Immunology Laboratory. , 0, , 1180-1191.		0
72	Combined Immunodeficiencies. , 0, , 721-736.		0

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73	Chronic Lymphocytic Leukemia, the Prototypic Chronic Leukemia for Flow Cytometric Analysis. , 0, , 226-234.		0
74	Methods for Detection of Antigen-Specific T Cells by Enzyme-Linked Immunospot Assay (ELISPOT). , 0, , 290-295.		0
75	Diagnosis of Prion Diseases. , 0, , 682-695.		2
76	Future Perspectives for Rheumatoid Arthritis and Other Autoimmune Diseases. , 0, , 922-926.		0
77	Lymphocyte Activation. , 0, , 269-279.		0
78	Varicella-Zoster Virus. , 0, , 556-562.		2
79	Immunoassay-Based Tumor Marker Measurement: Assays, Applications, and Algorithms. , 0, , 1008-1014.		0
80	<i>Mycoplasma</i>: Immunologic and Molecular Diagnostic Methods. , 0, , 444-452.		0
81	Acute Myeloid Leukemia: Diagnosis and Minimal Residual Disease Detection by Flow Cytometry. , 0, , 217-225.		0
82	Strategy for Detecting and Following Monoclonal Gammopathies. , 0, , 112-124.		4
83	Future Cytometric Technologies and Applications. , 0, , 251-258.		0
84	Principles and Procedures of Human Immunodeficiency Virus Diagnosis. , 0, , 696-710.		2
85	Rabies Virus. , 0, , 665-673.		4
86	Immunological Tests in Tuberculosis. , 0, , 433-443.		0
87	Cryopreservation of Peripheral Blood Mononuclear Cells. , 0, , 263-268.		3
88	Diagnosis of Rare Eosinophilic and Mast Cell Disorders. , 0, , 825-837.		0
89	Serological and Molecular Diagnosis of Fungal Infections. , 0, , 503-534.		5
90	Herpes Simplex Virus. , 0, , 550-555.		0

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91	Neutropenia and Neutrophil Defects. , 0, , 766-774.		0
92	Regulatory T Cell (Treg) Assays: Repertoire, Functions, and Clinical Importance of Human Treg. , 0, , 296-299.		2
93	Measurement of NK Cell Phenotype and Activity in Humans. , 0, , 300-309.		1
94	The Rickettsiaceae, Anaplasmataceae, and Coxiellaceae. , 0, , 461-472.		1
95	Immunodiagnosis of Autoimmune Myopathies. , 0, , 878-887.		6
96	Immunoglobulin Genes. , 0, , 51-64.		0
97	Immune Thrombocytopenia. , 0, , 995-997.		0
98	Respiratory Viruses. , 0, , 598-609.		0
99	IgG4-Related Disease: Diagnostic Testing by Serology, Flow Cytometry, and Immunohistopathology. , 0, , 917-921.		0
100	Lyme Disease, Relapsing Fever, and Leptospirosis. , 0, , 419-432.		0
101	Histocompatibility and Immunogenetics Testing in the 21st Century. , 0, , 1063-1068.		0
102	Detection of Antimitochondrial Autoantibodies in Primary Biliary Cholangitis and Liver Kidney Microsomal Antibodies in Autoimmune Hepatitis. , 0, , 966-974.		0
103	Western Blot Analysis for the Detection of Anti-Glomerular Basement Membrane Antibodies and Anti-Phospholipase A2 Receptor Antibodies. , 0, , 385-390.		0
104	Hereditary and Acquired Complement Deficiencies. , 0, , 749-765.		0
105	Analysis of Activity of Mannan-Binding Lectin, an Initiator of the Lectin Pathway of the Complement System. , 0, , 133-137.		0
106	The Human Microbiome and Clinical Immunology. , 0, , 19-25.		0
107	Antibody Deficiencies. , 0, , 737-748.		0
108	Cardiovascular Diseases. , 0, , 975-982.		0

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109	Epstein-Barr Virus and Cytomegalovirus. , 0, , 563-577.		0
110	Antibody and Biomarker Testing in Rheumatoid Arthritis. , 0, , 897-904.		0
111	Functional Assays for the Diagnosis of Chronic Granulomatous Disease. , 0, , 310-320.		0
112	Immunoglobulin Quantification and Viscosity Measurement. , 0, , 65-73.		0
113	Immunodiagnosis of Scleroderma. , 0, , 888-896.		0
114	Evaluation of Natural Killer (NK) Cell Defects. , 0, , 775-780.		0
115	Polychromatic Flow Cytometry. , 0, , 149-167.		0
116	Functional Flow Cytometry-Based Assays of Myeloid and Lymphoid Functions for the Diagnostic Screening of Primary Immunodeficiency Diseases. , 0, , 199-206.		0
117	The Nature of the Diseases That Arise from Improper Regulation of the Alternative Pathway of Complement. , 0, , 138-144.		0
118	Human Herpesviruses 6, 7, and 8. , 0, , 578-590.		1
119	The Primary Immunodeficiency Diseases. , 0, , 711-714.		0
120	Detection of Autoantibodies by Enzyme-Linked Immunosorbent Assay and Bead Assays. , 0, , 859-867.		1
121	Monitoring of Immunologic Therapies. , 0, , 1036-1050.		0
122	Celiac Disease and Inflammatory Bowel Disease. , 0, , 983-989.		0
123	Severe Combined Immune Deficiency:Newborn Screening. , 0, , 715-720.		0
124	Plasma Cell Disorders. , 0, , 235-250.		1