

# John L Schmitz

## List of Publications by Year in descending order

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Version: 2024-02-01

124  
papers

1,140  
citations

1040056

9  
h-index

713466

21  
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.                                  | 2.9  | 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.                                      | 1.4  | 0         |
| 3  | Sex Disparities and Neutralizing-Antibody Durability to SARS-CoV-2 Infection in Convalescent Individuals. <i>MSphere</i> , 2021, 6, e0027521.   | 2.9  | 36        |
| 4  | Abrogating biologics interference in flow cytometric crossmatching. <i>Human Immunology</i> , 2021, 82, 574-580.  | 2.4  | 3         |
| 5  | Next-generation sequencing and clinical histocompatibility testing. <i>Human Immunology</i> , 2021, 82, 829-837.  | 2.4  | 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.   | 1.3  | 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.                          | 3.9  | 29        |
| 8  | NGS and its impact in medical laboratory immunology. <i>Human Immunology</i> , 2021, 82, 799-800.   | 2.4  | 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, .  | 4.1  | 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, .                               | 11.9 | 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. | 4.1  | 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.                                | 2.5  | 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.  | 0.9  | 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 | ChlamydiaandChlamydophilaInfections. , 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. | 2.8 | 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.  | 0.8 | 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.   | 1.0 | 1         |
| 63 | Cleaning relapse risk from B cell phenotype: decreased CD5 <sup>+</sup> 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. | 0.9 | 18        |
| 64 | Clinical Laboratory Immunology. American Journal of Clinical Pathology, 2014, 142, 437-444.  | 0.7 | 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.                    | 3.1 | 6         |
| 66 | Comparison of Human Immunodeficiency Virus Antigens as Stimulants for Lymphocyte Proliferation Assays. Vaccine Journal, 2002, 9, 525-529.  | 3.1 | 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. Cytometry, 2000, 42, 174-179.   | 1.8 | 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         |