

# Elitza S Theel

## List of Publications by Year in descending order

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Version: 2024-02-01

91  
papers

4,964  
citations

218592

26  
h-index

114418

63  
g-index

97  
all docs

97  
docs citations

97  
times ranked

10319  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interacting with the Clinical Microbiology Laboratory. , 2022, , 12-33.		0
2	Performance Characteristics of High-Throughput Serologic Assays for Severe Acute Respiratory Syndrome Coronavirus 2 with Food and Drug Administration Emergency Use Authorization. Clinics in Laboratory Medicine, 2022, 42, 15-29.	0.7	8
3	Measles, rubella, and mumps titers post chemotherapy plus autologous stem cell transplant in multiple myeloma patients. American Journal of Hematology, 2022, 97, E69.	2.0	1
4	Antigen Specific Humoral and Cellular Immunity Following SARS-CoV-2 Vaccination in ANCA-Associated Vasculitis Patients Receiving B-Cell Depleting Therapy. Frontiers in Immunology, 2022, 13, 834981.	2.2	19
5	Immunity to SARS-CoV-2: What Do We Know and Should We Be Testing for It?. Journal of Clinical Microbiology, 2022, 60, e0048221.	1.8	21
6	A multicenter evaluation of computable phenotyping approaches for SARS-CoV-2 infection and COVID-19 hospitalizations. Npj Digital Medicine, 2022, 5, 27.	5.7	9
7	Multicenter Clinical Evaluation of Modified Two-Tiered Testing Algorithms for Lyme Disease Using Zeus Scientific Commercial Assays. Journal of Clinical Microbiology, 2022, 60, e0252821.	1.8	5
8	Serosurveillance after a COVID-19 vaccine campaign in a Swiss police cohort. Immunity, Inflammation and Disease, 2022, 10, .	1.3	4
9	Limited Correlation between SARS-CoV-2 Serologic Assays for Identification of High-Titer COVID-19 Convalescent Plasma Using FDA Thresholds. Microbiology Spectrum, 2022, 10, .	1.2	7
10	Non-neutralizing antibodies and limitations of serologic testing for severe acute respiratory syndrome coronavirus 2 in patients receiving immunoglobulin replacement products. Annals of Allergy, Asthma and Immunology, 2021, 126, 206-207.	0.5	5
11	Serum Epitope Repertoire Analysis Enables Early Detection of Lyme Disease with Improved Sensitivity in an Expandable Multiplex Format. Journal of Clinical Microbiology, 2021, 59, .	1.8	4
12	Assessing Utilization of the Cerebrospinal Fluid Venereal Disease Research Laboratory Test for Diagnosis of Neurosyphilis: a Cohort Study. Journal of General Internal Medicine, 2021, 36, 77-83.	1.3	1
13	Back to Basics: When to Order (and When Not to Order) Serologic Testing for the Diagnosis of Infectious Diseases. Clinical Chemistry, 2021, 68, 36-39.	1.5	0
14	Interlaboratory Agreement of Anti-“Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Serologic Assays in the Expedited College of American Pathologists Proficiency Testing Program. Archives of Pathology and Laboratory Medicine, 2021, 145, 536-542.	1.2	6
15	Convalescent Plasma Antibody Levels and the Risk of Death from Covid-19. New England Journal of Medicine, 2021, 384, 1015-1027.	13.9	438
16	SARS-CoV-2 Seroprevalence and Symptom Onset in Culturally Linked Orthodox Jewish Communities Across Multiple Regions in the United States. JAMA Network Open, 2021, 4, e212816.	2.8	28
17	Identification of SARS-CoV-2 spike mutations that attenuate monoclonal and serum antibody neutralization. Cell Host and Microbe, 2021, 29, 477-488.e4.	5.1	700
18	Validation of a multiplex flow immunoassay for detection of IgG antibodies against SARS-CoV-2 in dried blood spots. PLoS ONE, 2021, 16, e0252621.	1.1	13

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19	Prevalence of SARS-CoV-2 Antibodies in a Multistate Academic Medical Center. Mayo Clinic Proceedings, 2021, 96, 1165-1174.	1.4	5
20	Assessment of serological assays for identifying high titer convalescent plasma. Transfusion, 2021, 61, 2658-2667.	0.8	7
21	SARS-CoV-2 Serologic Assays Dependent on Dual-Antigen Binding Demonstrate Diverging Kinetics Relative to Other Antibody Detection Methods. Journal of Clinical Microbiology, 2021, 59, e0123121.	1.8	22
22	Mortality in individuals treated with COVID-19 convalescent plasma varies with the geographic provenance of donors. Nature Communications, 2021, 12, 4864.	5.8	49
23	AACC Practical Recommendations for Implementing and Interpreting SARS-CoV-2 Emergency Use Authorization and Laboratory-Developed Test Serologic Testing in Clinical Laboratories. Clinical Chemistry, 2021, 67, 1188-1200.	1.5	20
24	Association of Varying Clinical Manifestations and Positive Anti-SARS-CoV-2 IgG Antibodies: A Cross-Sectional Observational Study. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 3331-3338.e2.	2.0	9
25	Detection of SARS-CoV-2 IgG antibodies in dried blood spots. Diagnostic Microbiology and Infectious Disease, 2021, 101, 115425.	0.8	23
26	Detection of Blastomyces dermatitidis Antigen in Urine Using a Commercially Available Quantitative Enzyme Immunoassay. Journal of Clinical Microbiology, 2021, 59, e0144421.	1.8	2
27	Considerations from the College of American Pathologists for Implementation of an Assay for SARS-CoV-2 Testing after a Change in Regulatory Status. Journal of Clinical Microbiology, 2021, 59, e0116721.	1.8	8
28	Evaluation of the genalyte maverick SARS-CoV-2 multi-antigen serology panel. Journal of Clinical Virology Plus, 2021, 1, 100030.	0.4	2
29	A Multidimensional Cross-Sectional Analysis of Coronavirus Disease 2019 Seroprevalence Among a Police Officer Cohort: The PoliCOV-19 Study. Open Forum Infectious Diseases, 2021, 8, ofab524.	0.4	4
30	Diagnostic Methods and Risk Factors for Severe Disease and Mortality in Blastomycosis: A Retrospective Cohort Study. Journal of Fungi (Basel, Switzerland), 2021, 7, 888.	1.5	5
31	Autoimmune Encephalitis After SARS-CoV-2 Infection. Neurology, 2021, 97, e2262-e2268.	1.5	44
32	Risk assessment of latent tuberculosis infection through a multiplexed cytokine biosensor assay and machine learning feature selection. Scientific Reports, 2021, 11, 20544.	1.6	20
33	Overutilization of IgM Serologic Assays for Herpes Simplex Virus. journal of applied laboratory medicine, The, 2020, 5, 241-243.	0.6	1
34	Application, Verification, and Implementation of SARS-CoV-2 Serologic Assays with Emergency Use Authorization. Journal of Clinical Microbiology, 2020, 59, .	1.8	18
35	Guillain-Barré Syndrome in a Patient With Evidence of Recent SARS-CoV-2 Infection. Mayo Clinic Proceedings, 2020, 95, 1799-1801.	1.4	17
36	Long-term SARS-CoV-2 RNA shedding and its temporal association to IgG seropositivity. Cell Death Discovery, 2020, 6, 138.	2.0	41

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37	Screening for SARS-CoV-2. Mayo Clinic Proceedings, 2020, 95, 2606-2608.	1.4	3
38	Fellowship Training for the Future Clinical Microbiology Laboratory Director. Clinics in Laboratory Medicine, 2020, 40, 521-533.	0.7	2
39	Clinical Reasoning: Multifocal neuropathies in a patient with Waldenstrom macroglobulinemia and prior borreliosis. Neurology, 2020, 95, 44-48.	1.5	1
40	The Lyme Disease Biobank: Characterization of 550 Patient and Control Samples from the East Coast and Upper Midwest of the United States. Journal of Clinical Microbiology, 2020, 58, .	1.8	22
41	Performance Characteristics of Four High-Throughput Immunoassays for Detection of IgG Antibodies against SARS-CoV-2. Journal of Clinical Microbiology, 2020, 58, .	1.8	176
42	Neutralizing Antibody and Soluble ACE2 Inhibition of a Replication-Competent VSV-SARS-CoV-2 and a Clinical Isolate of SARS-CoV-2. Cell Host and Microbe, 2020, 28, 475-485.e5.	5.1	380
43	Progress Towards Developing a Rapid Triage/Referral Test for Tuberculosis. Clinical Chemistry, 2020, 66, 995-997.	1.5	2
44	Molecular and Direct Detection Tests for Treponema pallidum Subspecies pallidum: A Review of the Literature, 1964â€“2017. Clinical Infectious Diseases, 2020, 71, S4-S12.	2.9	56
45	Performance Characteristics of a Multiplex Flow Immunoassay for Detection of IgG-Class Antibodies to Measles, Mumps, Rubella, and Varicella-Zoster Viruses in Presumptively Immune Health Care Workers. Journal of Clinical Microbiology, 2020, 58, .	1.8	5
46	The Role of Antibody Testing for SARS-CoV-2: Is There One?. Journal of Clinical Microbiology, 2020, 58, .	1.8	282
47	Report from the American Society for Microbiology COVID-19 International Summit, 23 March 2020: Value of Diagnostic Testing for SARSâ€“CoV-2/COVID-19. MBio, 2020, 11, .	1.8	288
48	Tick-Borne Diseases in the United States. Clinical Chemistry, 2020, 66, 537-548.	1.5	49
49	Neutralizing Antibody and Soluble ACE2 Inhibition of a Replication-Competent VSV-SARS-CoV-2 and a Clinical Isolate of SARS-CoV-2. SSRN Electronic Journal, 2020, , 3606354.	0.4	16
50	Unrecognized severe acute respiratory coronavirus virus 2 (SARS-CoV-2) seroprevalence among healthcare personnel in a low-prevalence area. Infection Control and Hospital Epidemiology, 2020, , 1-3.	1.0	1
51	Measles, Mumps & Rubella Titers Post Autologous Stem Cell Transplant in Multiple Myeloma Patients Induced with Modern Therapy. Blood, 2020, 136, 43-43.	0.6	0
52	The Brief Case: Bartonella henselae Endocarditisâ€”a Case of Delayed Diagnosis. Journal of Clinical Microbiology, 2019, 57, .	1.8	7
53	What about Serology? A Micro-Comic Strip. Journal of Clinical Microbiology, 2019, 57, .	1.8	1
54	Closing the Brief Case: <i>Bartonella henselae</i> Endocarditisâ€”a Case of Delayed Diagnosis. Journal of Clinical Microbiology, 2019, 57, .	1.8	1

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55	Seasonality of Bartonella henselae IgM and IgG Antibody Positivity Rates. Journal of Clinical Microbiology, 2019, 57, .	1.8	9
56	Evaluation of the Bio-Rad BioPlex 2200 <i>Toxoplasma gondii</i> IgM Multiplex Flow Immunoassay. journal of applied laboratory medicine, The, 2019, 3, 1022-1027.	0.6	1
57	Crossing a New Threshold: Use of Elevated (1,3)- $\beta$ -D-Glucan Levels to Distinguish Causation From Colonization in Pneumocystis jirovecii Polymerase Chain Reactionâ€“Positive Cancer Patients. Clinical Infectious Diseases, 2019, 69, 1310-1312.	2.9	1
58	Evaluation of a Rapid Immunochromatographic Assay and Two Enzyme-Linked Immunosorbent Assays for Detection of IgM-Class Antibodies to Zika Virus. Journal of Clinical Microbiology, 2019, 57, .	1.8	4
59	Limitations and Confusing Aspects of Diagnostic Testing for Neurologic Lyme Disease in the United States. Journal of Clinical Microbiology, 2019, 57, .	1.8	27
60	Diagnostic Testing for Zika Virus: a Postoutbreak Update. Journal of Clinical Microbiology, 2018, 56, .	1.8	52
61	An Unusual Cluster of Neuroinvasive Lyme Disease Cases Presenting With Bannwarth Syndrome in the Midwest United States. Open Forum Infectious Diseases, 2018, 5, ofx276.	0.4	21
62	Evaluation of a Commercial Multiplex Molecular Panel for Diagnosis of Infectious Meningitis and Encephalitis. Journal of Clinical Microbiology, 2018, 56, .	1.8	123
63	Trends in Q fever serologic testing by immunofluorescence from four large reference laboratories in the United States, 2012â€“2016. Scientific Reports, 2018, 8, 16670.	1.6	9
64	The Brief Case: A 10-Year-Old Girl with Meningoencephalitis. Journal of Clinical Microbiology, 2018, 56, .	1.8	1
65	Closing the Brief Case: A 10-Year-Old Girl with Meningoencephalitis. Journal of Clinical Microbiology, 2018, 56, .	1.8	2
66	The role of serologic testing for Zika virus infection. Reviews in Medical Microbiology, 2018, 29, 1-7.	0.4	4
67	A Guide to Utilization of the Microbiology Laboratory for Diagnosis of Infectious Diseases: 2018 Update by the Infectious Diseases Society of America and the American Society for Microbiology. Clinical Infectious Diseases, 2018, 67, 813-816.	2.9	225
68	A Guide to Utilization of the Microbiology Laboratory for Diagnosis of Infectious Diseases: 2018 Update by the Infectious Diseases Society of America and the American Society for Microbiology. Clinical Infectious Diseases, 2018, 67, e1-e94.	2.9	345
69	Unilateral Phrenic Nerve Palsy in Infants with Congenital Zika Syndrome. Emerging Infectious Diseases, 2018, 24, .	2.0	10
70	Comparison of the QuantiFERON-TB Gold Plus and QuantiFERON-TB Gold In-Tube Interferon Gamma Release Assays in Patients at Risk for Tuberculosis and in Health Care Workers. Journal of Clinical Microbiology, 2018, 56, .	1.8	63
71	Evaluation of a Novel Microarray Immunoblot Assay for Detection of IgM- and IgG-Class Antibodies to Borrelia burgdorferi. Journal of Clinical Microbiology, 2018, 56, .	1.8	9
72	Multicenter Evaluation of <i>Helicobacter pylori</i> IgG Antibody Seroprevalence Among Patients Seeking Clinical Care in the US. journal of applied laboratory medicine, The, 2018, 2, 904-913.	0.6	1

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73	Diagnostic Testing for Zika: Observing Rapid Translation During a Public Health Emergency. <i>Clinical and Translational Science</i> , 2018, 11, 103-105.	1.5	10
74	Unilateral Phrenic Nerve Palsy in Infants with Congenital Zika Syndrome. <i>Emerging Infectious Diseases</i> , 2018, 24, .	2.0	1
75	Serologic Testing for Zika Virus: Comparison of Three Zika Virus IgM-Screening Enzyme-Linked Immunosorbent Assays and Initial Laboratory Experiences. <i>Journal of Clinical Microbiology</i> , 2017, 55, 2127-2136.	1.8	76
76	Laboratory Diagnostics for Fungal Infections. <i>Clinics in Chest Medicine</i> , 2017, 38, 535-554.	0.8	16
77	Low <i>Cryptococcus</i> Antigen Titers as Determined by Lateral Flow Assay Should Be Interpreted Cautiously in Patients without Prior Diagnosis of Cryptococcal Infection. <i>Journal of Clinical Microbiology</i> , 2017, 55, 2472-2479.	1.8	35
78	Utilization of Quantiferon-Cytomegalovirus Assay to Assess the Risk of CMV Disease and Guide Duration of Antiviral Prophylaxis in CMV-Mismatched Solid Organ Transplant Recipients. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.4	0
79	The Past, Present, and (Possible) Future of Serologic Testing for Lyme Disease. <i>Journal of Clinical Microbiology</i> , 2016, 54, 1191-1196.	1.8	54
80	<i>Borrelia mayonii</i> sp. nov., a member of the <i>Borrelia burgdorferi</i> sensu lato complex, detected in patients and ticks in the upper midwestern United States. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 4878-4880.	0.8	145
81	Reevaluation of Commercial Reagents for Detection of <i>Histoplasma capsulatum</i> Antigen in Urine. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1198-1203.	1.8	45
82	Use of the Optum Labs Data Warehouse To Assess Test Ordering Patterns for Diagnosis of <i>Helicobacter pylori</i> Infection in the United States. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1358-1360.	1.8	13
83	Tickborne <i>Borrelia</i> Infections: Beyond Just Lyme Disease. <i>Clinics in Laboratory Medicine</i> , 2015, 35, ix-x.	0.7	3
84	Reply to "Low-Positive <i>Histoplasma</i> Antigen Results in the MVista Assay Should Not Be Assumed To Be False Positive". <i>Journal of Clinical Microbiology</i> , 2014, 52, 4446-4446.	1.8	1
85	Clinical Significance of Low-Positive <i>Histoplasma</i> Urine Antigen Results. <i>Journal of Clinical Microbiology</i> , 2014, 52, 3444-3446.	1.8	21
86	Detection of the dengue virus NS1 antigen using an enzyme immunoassay. <i>Diagnostic Microbiology and Infectious Disease</i> , 2014, 79, 194-197.	0.8	17
87	Evaluation of an Enzyme Immunoassay for Detection of <i>Histoplasma capsulatum</i> Antigen from Urine Specimens. <i>Journal of Clinical Microbiology</i> , 2013, 51, 3555-3559.	1.8	42
88	Point-Counterpoint: $\beta$ -D-Glucan Testing Is Important for Diagnosis of Invasive Fungal Infections. <i>Journal of Clinical Microbiology</i> , 2013, 51, 3478-3483.	1.8	152
89	Detection of (1, 3)- $\beta$ -D-glucan in bronchoalveolar lavage and serum samples collected from immunocompromised hosts. <i>Mycopathologia</i> , 2013, 175, 33-41.	1.3	60
90	Formic Acid-Based Direct, On-Plate Testing of Yeast and <i>Corynebacterium</i> Species by Bruker Biotyper Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry. <i>Journal of Clinical Microbiology</i> , 2012, 50, 3093-3095.	1.8	107

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91	Dermatophyte Identification Using Matrix-Assisted Laser Desorption Ionizationâ€“Time of Flight Mass Spectrometry. Journal of Clinical Microbiology, 2011, 49, 4067-4071.	1.8	110