

# Kenneth Smith

## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Hydrogen-Deuterium Exchange Mass Spectrometry Reveals a Novel Binding Region of a Neutralizing Fully Human Monoclonal Antibody to Anthrax Protective Antigen. <i>Toxins</i> , 2022, 14, 92.	3.4	4
2	High-throughput hydrogen deuterium exchange mass spectrometry (HDX-MS) coupled with subzero-temperature ultrahigh pressure liquid chromatography (UPLC) separation for complex sample analysis. <i>Analytica Chimica Acta</i> , 2021, 1143, 65-72.	5.4	21
3	Spray-Capillary-Based Capillary Electrophoresis Mass Spectrometry for Metabolite Analysis in Single Cells. <i>Analytical Chemistry</i> , 2021, 93, 4479-4487.	6.5	26
4	Quantitative Top-Down Proteomics in Complex Samples Using Protein-Level Tandem Mass Tag Labeling. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 1336-1344.	2.8	31
5	Insufficient Anthrax Lethal Toxin Neutralization Is Associated with Antibody Subclass and Domain Specificity in the Plasma of Anthrax-Vaccinated Individuals. <i>Microorganisms</i> , 2021, 9, 1204.	3.6	2
6	Spray-Capillary: An Electrospray-Assisted Device for Quantitative Ultralow-Volume Sample Handling. <i>Analytical Chemistry</i> , 2020, 92, 640-646.	6.5	12
7	Development of an Online 2D Ultrahigh-Pressure Nano-LC System for High-pH and Low-pH Reversed Phase Separation in Top-Down Proteomics. <i>Analytical Chemistry</i> , 2020, 92, 12774-12777.	6.5	17
8	Re-validation and update of an extended-specificity multiplex assay for detection of <i>Streptococcus pneumoniae</i> capsular serotype/serogroup-specific antigen and cell-wall polysaccharide in urine specimens. <i>Access Microbiology</i> , 2020, 2, acmi000094.	0.5	4
9	Human <i>C. difficile</i> toxin-specific memory B cell repertoires encode poorly neutralizing antibodies. <i>JCI Insight</i> , 2020, 5, .	5.0	8
10	Top-down Mass Spectrometry Analysis of Human Serum Autoantibody Antigen-Binding Fragments. <i>Scientific Reports</i> , 2019, 9, 2345.	3.3	21
11	Evidence of Alternative Modes of B Cell Activation Involving Acquired Fab Regions of N-glycosylation in Antibody-secreting Cells Infiltrating the Labial Salivary Glands of Patients With Sjögren's Syndrome. <i>Arthritis and Rheumatology</i> , 2018, 70, 1102-1113.	5.6	5
12	Two-dimensional separation using high-pH and low-pH reversed phase liquid chromatography for top-down proteomics. <i>International Journal of Mass Spectrometry</i> , 2018, 427, 43-51.	1.5	45
13	Insights From Analysis of Human Antigen-Specific Memory B Cell Repertoires. <i>Frontiers in Immunology</i> , 2018, 9, 3064.	4.8	17
14	Development of an Extended-Specificity Multiplex Immunoassay for Detection of <i>Streptococcus pneumoniae</i> Serotype-Specific Antigen in Urine by Use of Human Monoclonal Antibodies. <i>Vaccine Journal</i> , 2017, 24, .	3.1	15
15	Antigen nature and complexity influence human antibody light chain usage and specificity. <i>Vaccine</i> , 2016, 34, 2813-2820.	3.8	15
16	Structures of Preferred Human IgV Genes-Based Protective Antibodies Identify How Conserved Residues Contact Diverse Antigens and Assign Source of Specificity to CDR3 Loop Variation. <i>Journal of Immunology</i> , 2016, 196, 4723-4730.	0.8	18
17	Unique Inflammatory Mediators and Specific IgE Levels Distinguish Local from Systemic Reactions after Anthrax Vaccine Adsorbed Vaccination. <i>Vaccine Journal</i> , 2016, 23, 664-671.	3.1	5
18	Dengue virus infection induces broadly cross-reactive human IgM antibodies that recognize intact virions in humanized BLT-NSG mice. <i>Experimental Biology and Medicine</i> , 2015, 240, 67-78.	2.4	38

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19	High Affinity Antibodies against Influenza Characterize the Plasmablast Response in SLE Patients After Vaccination. PLoS ONE, 2015, 10, e0125618.	2.5	35
20	Protective Antigen-Specific Memory B Cells Persist Years after Anthrax Vaccination and Correlate with Humoral Immunity. Toxins, 2014, 6, 2424-2431.	3.4	8
21	Fully human monoclonal antibodies from antibody secreting cells after vaccination with Pneumovax®23 are serotype specific and facilitate opsonophagocytosis. Immunobiology, 2013, 218, 745-754.	1.9	32
22	Implications of a Vasodilatory Human Monoclonal Autoantibody in Postural Hypotension. Journal of Biological Chemistry, 2013, 288, 30734-30741.	3.4	9
23	Human monoclonal antibodies generated following vaccination with AVA provide neutralization by blocking furin cleavage but not by preventing oligomerization. Vaccine, 2012, 30, 4276-4283.	3.8	25
24	Rapid generation of fully human monoclonal antibodies specific to a vaccinating antigen. Nature Protocols, 2009, 4, 372-384.	12.0	458