

# Zachary A Schiller

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14 papers	329 citations	9 h-index	17 g-index
17 ext. papers	447 ext. citations	6.9 avg, IF	3 L-index

#	Paper	IF	Citations
14	Characterization of mechanical and biochemical properties of developing embryonic tendon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 6370-5	11.5	122
13	A cross-reactive human IgA monoclonal antibody blocks SARS-CoV-2 spike-ACE2 interaction. <i>Nature Communications</i> , <b>2020</b> , 11, 4198	17.4	69
12	Adipogenesis of adipose-derived stem cells may be regulated via the cytoskeleton at physiological oxygen levels in vitro. <i>Stem Cell Research and Therapy</i> , <b>2013</b> , 4, 79	8.3	36
11	Embryonically inspired scaffolds regulate tenogenically differentiating cells. <i>Journal of Biomechanics</i> , <b>2016</b> , 49, 3281-3288	2.9	20
10	Pre-exposure Prophylaxis With OspA-Specific Human Monoclonal Antibodies Protects Mice Against Tick Transmission of Lyme Disease Spirochetes. <i>Journal of Infectious Diseases</i> , <b>2016</b> , 214, 205-11	7	14
9	Oral administration of an anti-CfaE secretory IgA antibody protects against Enterotoxigenic Escherichia coli diarrheal disease in a nonhuman primate model. <i>Vaccine</i> , <b>2020</b> , 38, 2333-2339	4.1	14
8	IgA MAb blocks SARS-CoV-2 Spike-ACE2 interaction providing mucosal immunity <b>2020</b> ,		14
7	Identification and Characterization of Human Monoclonal Antibodies for Immunoprophylaxis against Enterotoxigenic Escherichia coli Infection. <i>Infection and Immunity</i> , <b>2018</b> , 86,	3.7	12
6	Anti-OspA DNA-Encoded Monoclonal Antibody Prevents Transmission of Spirochetes in Tick Challenge Providing Sterilizing Immunity in Mice. <i>Journal of Infectious Diseases</i> , <b>2019</b> , 219, 1146-1150	7	9
5	Structural and molecular analysis of a protective epitope of Lyme disease antigen OspA and antibody interactions. <i>Journal of Molecular Recognition</i> , <b>2017</b> , 30, e2595	2.6	7
4	Blocking Borrelia burgdorferi transmission from infected ticks to nonhuman primates with a human monoclonal antibody. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	4
3	Anti-CfaE nanobodies provide broad cross-protection against major pathogenic enterotoxigenic Escherichia coli strains, with implications for vaccine design. <i>Scientific Reports</i> , <b>2021</b> , 11, 2751	4.9	3
2	Inhibition of Allergic Reactivity through Targeting FcRI-Bound IgE with Humanized Low-Affinity Antibodies. <i>Journal of Immunology</i> , <b>2019</b> , 203, 2777-2790	5.3	2
1	Highly Specific Mouse Anti-Joining Chain of Human Immunoglobulin A. <i>Monoclonal Antibodies in Immunodiagnosis and Immunotherapy</i> , <b>2020</b> , 39, 228-232	1.9	