

Thomas A Penfound

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

516
citations

1163117

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h-index

1125743

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docs citations

13
times ranked

488
citing authors

#	ARTICLE	IF	CITATIONS
1	New 30-valent M protein-based vaccine evokes cross-opsonic antibodies against non-vaccine serotypes of group A streptococci. <i>Vaccine</i> , 2011, 29, 8175-8178.	3.8	219
2	Potential coverage of a multivalent M protein-based group A streptococcal vaccine. <i>Vaccine</i> , 2013, 31, 1576-1581.	3.8	82
3	Safety and immunogenicity of a 30-valent M protein-based group a streptococcal vaccine in healthy adult volunteers: A randomized, controlled phase I study. <i>Vaccine</i> , 2020, 38, 1384-1392.	3.8	53
4	Structure-based design of broadly protective group a streptococcal M protein-based vaccines. <i>Vaccine</i> , 2017, 35, 19-26.	3.8	41
5	Protective efficacy of group A streptococcal vaccines containing type-specific and conserved M protein epitopes. <i>Vaccine</i> , 2010, 28, 5017-5022.	3.8	36
6	Protective Immunogenicity of Group A Streptococcal M-Related Proteins. <i>Vaccine Journal</i> , 2015, 22, 344-350.	3.1	18
7	Trivalent M-related protein as a component of next generation group A streptococcal vaccines. <i>Clinical and Experimental Vaccine Research</i> , 2017, 6, 45.	2.2	18
8	Development of an Opsonophagocytic Killing Assay Using HL-60 Cells for Detection of Functional Antibodies against <i>Streptococcus pyogenes</i> . <i>MSphere</i> , 2018, 3, .	2.9	16
9	Design of Broadly Cross-Reactive M Protein-Based Group A Streptococcal Vaccines. <i>Journal of Immunology</i> , 2021, 207, 1138-1149.	0.8	9
10	Structure-based group A streptococcal vaccine design: Helical wheel homology predicts antibody cross-reactivity among streptococcal M protein-derived peptides. <i>Journal of Biological Chemistry</i> , 2020, 295, 3826-3836.	3.4	8
11	The NH ₂ -Terminal Region of <i>Streptococcus pyogenes</i> M5 Protein Confers Protection against Degradation by Proteases and Enhances Mucosal Colonization of Mice. <i>Journal of Infectious Diseases</i> , 2010, 201, 1580-1588.	4.0	6
12	Group A Streptococcus Expresses a Trio of Surface Proteins Containing Protective Epitopes. <i>Vaccine Journal</i> , 2014, 21, 1421-1425.	3.1	6
13	Cross-reactive immunogenicity of group A streptococcal vaccines designed using a recurrent neural network to identify conserved M protein linear epitopes. <i>Vaccine</i> , 2021, 39, 1773-1779.	3.8	4