

Andrew Lees

List of Publications by Year in descending order

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45
papers

2,196
citations

279798

23
h-index

276875

41
g-index

46
all docs

46
docs citations

46
times ranked

2189
citing authors

#	ARTICLE	IF	CITATIONS
1	Harnessing galactose oxidase in the development of a chemoenzymatic platform for glycoconjugate vaccine design. <i>Journal of Biological Chemistry</i> , 2021, , 101453.	3.4	8
2	Activation of Soluble Polysaccharides with 1-Cyano-4-Dimethylaminopyridine Tetrafluoroborate (CDAP) for Use in Proteinâ€Polysaccharide Conjugate Vaccines and Immunological Reagents. III Optimization of CDAP Activation. <i>Vaccines</i> , 2020, 8, 777.	4.4	8
3	Comparison of carrier proteins to conjugate malaria transmission blocking vaccine antigens, Pfs25 and Pfs230. <i>Vaccine</i> , 2020, 38, 5480-5489.	3.8	15
4	Analytical Comparability Assessments of 5 Recombinant CRM 197 Proteins From Different Manufacturers and Expression Systems. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 1806-1819.	3.3	31
5	Preclinical Efficacy and Characterization of Candidate Vaccines for Treatment of Opioid Use Disorders Using Clinically Viable Carrier Proteins. <i>Molecular Pharmaceutics</i> , 2018, 15, 4947-4962.	4.6	40
6	Development of a broad spectrum glycoconjugate vaccine to prevent wound and disseminated infections with <i>Klebsiella pneumoniae</i> and <i>Pseudomonas aeruginosa</i> . <i>PLoS ONE</i> , 2018, 13, e0203143.	2.5	67
7	Immunogenicity and Induction of Functional Antibodies in Rabbits Immunized with a Trivalent Typhoid-Invasive Nontyphoidal <i>Salmonella</i> Glycoconjugate Formulation. <i>Molecules</i> , 2018, 23, 1749.	3.8	22
8	Development of a glycoconjugate vaccine to prevent invasive <i>Salmonella</i> Typhimurium infections in sub-Saharan Africa. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005493.	3.0	44
9	Contactâ€dependent suppression of <sc>CD</sc>4 Tâ€cell activation and proliferation by B cells activated through IgD crossâ€linking. <i>Immunology</i> , 2015, 144, 444-452.	4.4	0
10	Immunization of cows with novel core glycolipid vaccine induces anti-endotoxin antibodies in bovine colostrum. <i>Vaccine</i> , 2014, 32, 6107-6114.	3.8	7
11	A scalable method for biochemical purification of <i>Salmonella</i> flagellin. <i>Protein Expression and Purification</i> , 2014, 102, 1-7.	1.3	31
12	Novel Synthetic (Poly)Glycerolphosphate-Based Antistaphylococcal Conjugate Vaccine. <i>Infection and Immunity</i> , 2013, 81, 2554-2561.	2.2	16
13	The Nature of an In Vivo Anti-Capsular Polysaccharide Response Is Markedly Influenced by the Composition and/or Architecture of the Bacterial Subcapsular Domain. <i>Journal of Immunology</i> , 2012, 188, 569-577.	0.8	16
14	Correlation of Group C Meningococcal Conjugate Vaccine Response with B- and T-Lymphocyte Activity. <i>PLoS ONE</i> , 2012, 7, e31160.	2.5	3
15	<i>Salmonella enterica</i> Serovar Enteritidis Core O Polysaccharide Conjugated to H:g.m Flagellin as a Candidate Vaccine for Protection against Invasive Infection with <i>S.</i> Enteritidis. <i>Infection and Immunity</i> , 2011, 79, 4240-4249.	2.2	114
16	Adult Survivors of Invasive Pneumococcal Disease Exhibit Defective B Cell Function. <i>Clinical Infectious Diseases</i> , 2011, 52, 1133-1136.	5.8	5
17	Functional T-Cell Deficiency in Adolescents Who Experience Serogroup C Meningococcal Disease despite Receiving the Meningococcal Serogroup C Conjugate Vaccine. <i>Vaccine Journal</i> , 2010, 17, 1104-1110.	3.1	10
18	B-cellâ€T-cell activation and interaction in common variable immunodeficiency. <i>Human Immunology</i> , 2010, 71, 355-362.	2.4	22

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19	Intact Bacteria Inhibit the Induction of Humoral Immune Responses to Bacterial-Derived and Heterologous Soluble T Cell-Dependent Antigens. <i>Journal of Immunology</i> , 2009, 182, 2011-2019.	0.8	15
20	Parameters Underlying Distinct T Cell-Dependent Polysaccharide-Specific IgG Responses to an Intact Gram-Positive Bacterium versus a Soluble Conjugate Vaccine. <i>Journal of Immunology</i> , 2009, 183, 1551-1559.	0.8	29
21	Evidence of a Functional B-Cell Immunodeficiency in Adults Who Experience Serogroup C Meningococcal Disease. <i>Vaccine Journal</i> , 2009, 16, 692-698.	3.1	11
22	Adults with a history of serogroup c neisseria meningitidis disease exhibit impaired in vitro immune responses. <i>Journal of Infection</i> , 2008, 56, 300-301.	3.3	0
23	Mannan-Abeta28conjugate prevents Abeta-plaque deposition, but increases microhemorrhages in the brains of vaccinated Tg2576 (APPsw) mice. <i>Journal of Neuroinflammation</i> , 2008, 5, 42.	7.2	35
24	Therapeutic Efficacy of a Conjugate Vaccine Containing a Peptide Mimotope of Cryptococcal Capsular Polysaccharide Glucuronoxylomannan. <i>Vaccine Journal</i> , 2008, 15, 1176-1187.	3.1	40
25	A Rapid Opsonic Assay for Measuring Killing of Bioluminescent <i>Staphylococcus epidermidis</i> . <i>Hybridoma</i> , 2008, 27, 487-491.	0.4	0
26	β 2-Immunotherapy for Alzheimer's Disease Using Mannan-Amyloid-Beta Peptide Immunoconjugates. <i>DNA and Cell Biology</i> , 2006, 25, 571-580.	1.9	27
27	Versatile and efficient synthesis of protein-polysaccharide conjugate vaccines using aminoxy reagents and oxime chemistry. <i>Vaccine</i> , 2006, 24, 716-729.	3.8	33
28	Monoclonal antibodies to distinct regions of human myelin proteolipid protein simultaneously recognize central nervous system myelin and neurons of many vertebrate species. <i>Journal of Neuroscience Research</i> , 2006, 83, 415-431.	2.9	19
29	A Peptide Mimotope of Type 8 Pneumococcal Capsular Polysaccharide Induces a Protective Immune Response in Mice. <i>Infection and Immunity</i> , 2005, 73, 325-333.	2.2	51
30	Differential Regulation of IgG Anti-Capsular Polysaccharide and Antiprotein Responses to Intact <i>Streptococcus pneumoniae</i> in the Presence of Cognate CD4+T Cell Help. <i>Journal of Immunology</i> , 2004, 172, 532-539.	0.8	86
31	Immunogenicity and Efficacy of <i>Cryptococcus neoformans</i> Capsular Polysaccharide Glucuronoxylomannan Peptide Mimotope-Protein Conjugates in Human Immunoglobulin Transgenic Mice. <i>Infection and Immunity</i> , 2004, 72, 196-208.	2.2	59
32	The critical DNA flanking sequences of a CpG oligodeoxynucleotide, but not the 6 base CpG motif, can be replaced with RNA without quantitative or qualitative changes in Toll-like receptor 9-mediated activity. <i>Cellular Immunology</i> , 2004, 232, 64-74.	3.0	27
33	Rapid and complete adsorption of unconjugated protein from protein-polysaccharide conjugate vaccines. <i>Vaccine</i> , 2001, 19, 1547-1558.	3.8	9
34	Exploiting molecular mimicry to broaden the immune response to carbohydrate antigens for vaccine development. <i>Vaccine</i> , 2001, 19, 2361-2368.	3.8	23
35	A Cryptococcal Capsular Polysaccharide Mimotope Prolongs the Survival of Mice with <i>Cryptococcus neoformans</i> Infection. <i>Journal of Immunology</i> , 2001, 166, 1087-1096.	0.8	105
36	Enhanced and sustained activation of human B cells by anti-immunoglobulin conjugated to the EBV glycoprotein gp350. <i>European Journal of Immunology</i> , 2000, 30, 969-973.	2.9	13

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37	B7 Requirements for Primary and Secondary Protein- and Polysaccharide-Specific Ig Isotype Responses to <i>Streptococcus pneumoniae</i> . <i>Journal of Immunology</i> , 2000, 165, 6840-6848.	0.8	46
38	Activation of soluble polysaccharides with 1-cyano-4-dimethylaminopyridinium tetrafluoroborate (CDAP) for use in protein-polysaccharide conjugate vaccines and immunological reagents. II. Selective crosslinking of proteins to CDAP-activated polysaccharides. <i>Vaccine</i> , 2000, 18, 1273-1281.	3.8	67
39	Multivalent cross-linking of membrane Ig sensitizes murine B cells to a broader spectrum of CpG-containing oligodeoxynucleotide motifs, including their methylated counterparts, for stimulation of proliferation and Ig secretion. <i>International Immunology</i> , 1999, 11, 1693-1700.	4.0	48
40	Enhanced Protective Antibody Responses to PspA after Intranasal or Subcutaneous Injections of PspA Genetically Fused to Granulocyte-Macrophage Colony-Stimulating Factor or Interleukin-2. <i>Infection and Immunity</i> , 1998, 66, 1513-1520.	2.2	48
41	Characterization of Early Activation Events in Cord Blood B Cells after Stimulation with T Cell-Independent Activators. <i>Pediatric Research</i> , 1998, 43, 496-503.	2.3	15
42	Activation of soluble polysaccharides with 1-cyano-4-dimethylaminopyridinium tetrafluoroborate for use in protein-polysaccharide conjugate vaccines and immunological reagents. <i>Vaccine</i> , 1996, 14, 190-198.	3.8	124
43	T Cell-Independent Antigens Type 2. <i>Annual Review of Immunology</i> , 1995, 13, 655-692.	21.8	778
44	Enhanced immunogenicity of protein-dextran conjugates: I. Rapid stimulation of enhanced antibody responses to poorly immunogenic molecules. <i>Vaccine</i> , 1994, 12, 1160-1166.	3.8	27
45	Conjugation Chemistry. , 0, , 161-174.		2