

# Andrew Lees

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6400904/publications.pdf>

Version: 2024-02-01

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  | T Cell-Independent Antigens Type 2. Annual Review of Immunology, 1995, 13, 655-692.  | 21.8 | 778       |
| 2  | Activation of soluble polysaccharides with 1-cyano-4-dimethylaminopyridinium tetrafluoroborate for use in protein-polysaccharide conjugate vaccines and immunological reagents. Vaccine, 1996, 14, 190-198.  | 3.8  | 124       |
| 3  | Salmonella enterica Serovar Enteritidis Core O Polysaccharide Conjugated to H:gm Flagellin as a Candidate Vaccine for Protection against Invasive Infection with <i>S. Enteritidis</i> . Infection and Immunity, 2011, 79, 4240-4249.  | 2.2  | 114       |
| 4  | A Cryptococcal Capsular Polysaccharide Mimotope Prolongs the Survival of Mice with <i>Cryptococcus neoformans</i> Infection. Journal of Immunology, 2001, 166, 1087-1096.  | 0.8  | 105       |
| 5  | 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. Journal of Immunology, 2004, 172, 532-539.   | 0.8  | 86        |
| 6  | 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. Vaccine, 2000, 18, 1273-1281. | 3.8  | 67        |
| 7  | Development of a broad spectrum glycoconjugate vaccine to prevent wound and disseminated infections with <i>Klebsiella pneumoniae</i> and <i>Pseudomonas aeruginosa</i> . PLoS ONE, 2018, 13, e0203143.  | 2.5  | 67        |
| 8  | Immunogenicity and Efficacy of <i>Cryptococcus neoformans</i> Capsular Polysaccharide Glucuronoxylomannan Peptide Mimotope-Protein Conjugates in Human Immunoglobulin Transgenic Mice. Infection and Immunity, 2004, 72, 196-208.  | 2.2  | 59        |
| 9  | A Peptide Mimotope of Type 8 Pneumococcal Capsular Polysaccharide Induces a Protective Immune Response in Mice. Infection and Immunity, 2005, 73, 325-333.   | 2.2  | 51        |
| 10 | 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. International Immunology, 1999, 11, 1693-1700.             | 4.0  | 48        |
| 11 | Enhanced Protective Antibody Responses to PspA after Intranasal or Subcutaneous Injections of PspA Genetically Fused to Granulocyte-Macrophage Colony-Stimulating Factor or Interleukin-2. Infection and Immunity, 1998, 66, 1513-1520.  | 2.2  | 48        |
| 12 | B7 Requirements for Primary and Secondary Protein- and Polysaccharide-Specific Ig Isotype Responses to <i>Streptococcus pneumoniae</i> . Journal of Immunology, 2000, 165, 6840-6848.  | 0.8  | 46        |
| 13 | Development of a glycoconjugate vaccine to prevent invasive <i>Salmonella Typhimurium</i> infections in sub-Saharan Africa. PLoS Neglected Tropical Diseases, 2017, 11, e0005493.  | 3.0  | 44        |
| 14 | Therapeutic Efficacy of a Conjugate Vaccine Containing a Peptide Mimotope of Cryptococcal Capsular Polysaccharide Glucuronoxylomannan. Vaccine Journal, 2008, 15, 1176-1187.   | 3.1  | 40        |
| 15 | Preclinical Efficacy and Characterization of Candidate Vaccines for Treatment of Opioid Use Disorders Using Clinically Viable Carrier Proteins. Molecular Pharmaceutics, 2018, 15, 4947-4962.  | 4.6  | 40        |
| 16 | Mannan-Abeta28 conjugate prevents Abeta-plaque deposition, but increases microhemorrhages in the brains of vaccinated Tg2576 (APPsw) mice. Journal of Neuroinflammation, 2008, 5, 42.  | 7.2  | 35        |
| 17 | Versatile and efficient synthesis of protein-polysaccharide conjugate vaccines using aminoxy reagents and oxime chemistry. Vaccine, 2006, 24, 716-729.   | 3.8  | 33        |
| 18 | A scalable method for biochemical purification of <i>Salmonella</i> flagellin. Protein Expression and Purification, 2014, 102, 1-7.  | 1.3  | 31        |

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|----|---|-----|-----------|
| 19 | 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        |
| 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 | 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        |
| 22 | 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        |
| 23 | A $\beta$ -Immunotherapy for Alzheimer's Disease Using Mannan-Amyloid-Beta Peptide Immunoconjugates. <i>DNA and Cell Biology</i> , 2006, 25, 571-580.   | 1.9 | 27        |
| 24 | Exploiting molecular mimicry to broaden the immune response to carbohydrate antigens for vaccine development. <i>Vaccine</i> , 2001, 19, 2361-2368.   | 3.8 | 23        |
| 25 | B-cell-T-cell activation and interaction in common variable immunodeficiency. <i>Human Immunology</i> , 2010, 71, 355-362.  | 2.4 | 22        |
| 26 | Immunogenicity and Induction of Functional Antibodies in Rabbits Immunized with a Trivalent Typhoid-Invasive Nontyphoidal Salmonella Glycoconjugate Formulation. <i>Molecules</i> , 2018, 23, 1749.   | 3.8 | 22        |
| 27 | 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        |
| 28 | 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        |
| 29 | Novel Synthetic (Poly)Glycerolphosphate-Based Antistaphylococcal Conjugate Vaccine. <i>Infection and Immunity</i> , 2013, 81, 2554-2561.  | 2.2 | 16        |
| 30 | 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        |
| 31 | Comparison of carrier proteins to conjugate malaria transmission blocking vaccine antigens, Pfs25 and Pfs230. <i>Vaccine</i> , 2020, 38, 5480-5489.   | 3.8 | 15        |
| 32 | 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        |
| 33 | 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        |
| 34 | 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        |
| 35 | 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        |
| 36 | Rapid and complete adsorption of unconjugated protein from protein-polysaccharide conjugate vaccines. <i>Vaccine</i> , 2001, 19, 1547-1558.   | 3.8 | 9         |

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|----|---|-----|-----------|
| 37 | Activation of Soluble Polysaccharides with 1-Cyano-4-Dimethylaminopyridine Tetrafluoroborate (CDAP) for Use in Protein-Polysaccharide Conjugate Vaccines and Immunological Reagents. III Optimization of CDAP Activation. <i>Vaccines</i> , 2020, 8, 777. | 4.4 | 8         |
| 38 | 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         |
| 39 | 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         |
| 40 | Adult Survivors of Invasive Pneumococcal Disease Exhibit Defective B Cell Function. <i>Clinical Infectious Diseases</i> , 2011, 52, 1133-1136.  | 5.8 | 5         |
| 41 | Correlation of Group C Meningococcal Conjugate Vaccine Response with B- and T-Lymphocyte Activity. <i>PLoS ONE</i> , 2012, 7, e31160.   | 2.5 | 3         |
| 42 | Conjugation Chemistry. , 0, , 161-174.  |     | 2         |
| 43 | 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         |
| 44 | A Rapid Opsonic Assay for Measuring Killing of Bioluminescent <i>Staphylococcus epidermidis</i> . <i>Hybridoma</i> , 2008, 27, 487-491.   | 0.4 | 0         |
| 45 | Contact-dependent suppression of $CD4$ cell activation and proliferation by B cells activated through IgD cross-linking. <i>Immunology</i> , 2015, 144, 444-452.  | 4.4 | 0         |