# Henrik Nielsen

## List of Publications by Year in Descending Order

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|---|---|---|---|
| **122** papers | **27,297** citations | **32** h-index | **130** g-index |
| **130** ext. papers | **33,277** ext. citations | **7.6** avg, IF | **7.43** L-index |

| # | Paper | IF | Citations |
|---|-------|----|-----------|
| 122 | Effect of 3BNC117 and romidepsin on the HIV-1 reservoir in people taking suppressive antiretroviral therapy (ROADMAP): a randomised, open-label, phase 2A trial.. *Lancet Microbe, The*, **2022**, 3, e203-e214 | 22.2 | 2 |
| 121 | SignalP 6.0 predicts all five types of signal peptides using protein language models.. *Nature Biotechnology*, **2022**, | 44.5 | 56 |
| 120 | Longer than 2 hours to antibiotics is associated with doubling of mortality in a multinational community-acquired bacterial meningitis cohort.. *Scientific Reports*, **2022**, 12, 672 | 4.9 | 1 |
| 119 | Positive Predictive Value of the ICD-10 Diagnosis Code for Long-COVID.. *Clinical Epidemiology*, **2022** , 14, 141-148 | 5.9 | 2 |
| 118 | Seroprevalence of SARS-CoV-2 antibodies in social housing areas in Denmark.. *BMC Infectious Diseases*, **2022**, 22, 143 | 4 | 1 |
| 117 | Characteristics Associated with Serological Covid-19 Vaccine Response and Durability in an Older Population with Significant Comorbidity: The Danish Nationwide ENFORCE Study.. *Clinical Microbiology and Infection*, **2022**, | 9.5 | 3 |
| 116 | DeepLoc 2.0: multi-label subcellular localization prediction using protein language models.. *Nucleic Acids Research*, **2022**, | 20.1 | 10 |
| 115 | Association between convalescent plasma treatment and mortality in COVID-19: a collaborative systematic review and meta-analysis of randomized clinical trials. *BMC Infectious Diseases*, **2021**, 21, 1170 | 4 | 11 |
| 114 | Partial oral antibiotic treatment for bacterial brain abscess: an open-label randomized non-inferiority trial (ORAL). *Trials*, **2021**, 22, 796 | 2.8 | 0 |
| 113 | Existing Data Sources for Clinical Epidemiology: The Danish Study Group of Infections of the Brain Database (DASGIB). *Clinical Epidemiology*, **2021**, 13, 921-933 | 5.9 | 1 |
| 112 | Effect of 12 mg vs 6 mg of Dexamethasone on the Number of Days Alive Without Life Support in Adults With COVID-19 and Severe Hypoxemia: The COVID STEROID 2 Randomized Trial. *JAMA - Journal of the American Medical Association*, **2021**, 326, 1807-1817 | 27.4 | 46 |
| 111 | Incidence and severeness of COVID-19 hospitalization in patients with inflammatory rheumatic disease: a nationwide cohort study from Denmark. *Rheumatology*, **2021**, 60, SI59-SI67 | 3.9 | 46 |
| 110 | Microscopic Colitis Patients Possess a Perturbed and Inflammatory Gut Microbiota. *Digestive Diseases and Sciences*, **2021**, 1 | 4 | 3 |
| 109 | Hospital admission and mortality rates for non-covid diseases in Denmark during covid-19 pandemic: nationwide population based cohort study. *BMJ, The*, **2021**, 373, n1135 | 5.9 | 26 |
| 108 | Genetic variants and immune responses in a cohort of patients with varicella zoster virus encephalitis. *Journal of Infectious Diseases*, **2021**, | 7 | 2 |
| 107 | Improved Survival Among Hospitalized Patients With Coronavirus Disease 2019 (COVID-19) Treated With Remdesivir and Dexamethasone. A Nationwide Population-Based Cohort Study. *Clinical Infectious Diseases*, **2021**, 73, 2031-2036 | 11.6 | 20 |
| 106 | Enterovirus Meningitis in Adults: A Prospective Nationwide Population-Based Cohort Study. *Neurology*, **2021**, 97, e454-e463 | 6.5 | 2 |

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| 105 | Varicella Zoster Virus Encephalitis in Denmark From 2015 to 2019-A Nationwide Prospective Cohort Study. *Clinical Infectious Diseases*, **2021**, 72, 1192-1199 | 11.6 | 13 |
| 104 | Risk factors of community-onset extended-spectrum ꞵ-lactamase Escherichia coli and Klebsiella pneumoniae bacteraemia: an 11-year population-based case-control-control study in Denmark. *Clinical Microbiology and Infection*, **2021**, 27, 871-877 | 9.5 | 3 |
| 103 | Normocellular Community-Acquired Bacterial Meningitis in Adults: A Nationwide Population-Based Case Series. *Annals of Emergency Medicine*, **2021**, 77, 11-18 | 2.1 | 2 |
| 102 | Treatment of community-acquired bacterial brain abscess: a survey among infectious diseases specialists in France, Sweden, Australia, and Denmark. *European Journal of Clinical Microbiology and Infectious Diseases*, **2021**, 40, 255-260 | 5.3 | 0 |
| 101 | High genetic diversity in Campylobacter concisus isolates from patients with microscopic colitis. *Gut Pathogens*, **2021**, 13, 3 | 5.4 | 3 |
| 100 | Venous thromboembolism and major bleeding in patients with COVID-19: A nationwide population-based cohort study. *Clinical Infectious Diseases*, **2021**, | 11.6 | 16 |
| 99 | Risk of Spinal Hematoma After Lumbar Puncture-Reply. *JAMA - Journal of the American Medical Association*, **2021**, 325, 788 | 27.4 | |
| 98 | Reply to Ito. *Clinical Infectious Diseases*, **2021**, 73, 939-940 | 11.6 | |
| 97 | Low-dose hydrocortisone in patients with COVID-19 and severe hypoxia: The COVID STEROID randomised, placebo-controlled trial. *Acta Anaesthesiologica Scandinavica*, **2021**, 65, 1421-1430 | 1.9 | 15 |
| 96 | Post-acute effects of SARS-CoV-2 infection in individuals not requiring hospital admission: a Danish population-based cohort study. *Lancet Infectious Diseases, The*, **2021**, 21, 1373-1382 | 25.5 | 58 |
| 95 | Prediction of GPI-anchored proteins with pointer neural networks. *Current Research in Biotechnology*, **2021**, 3, 6-13 | 4.8 | 14 |
| 94 | First wave of COVID-19 hospital admissions in Denmark: a Nationwide population-based cohort study. *BMC Infectious Diseases*, **2021**, 21, 39 | 4 | 8 |
| 93 | Testing Denmark: a Danish Nationwide Surveillance Study of COVID-19.. *Microbiology Spectrum*, **2021**, 9, e0133021 | 8.9 | 1 |
| 92 | Incidence of community-onset extended-spectrum ꞵ-lactamase-producing and infections: an 11-year population-based study in Denmark. *Infectious Diseases*, **2020**, 52, 547-556 | 3.1 | 7 |
| 91 | High risk of microscopic colitis after infection: population-based cohort study. *Gut*, **2020**, 69, 1952-1958 | 19.2 | 11 |
| 90 | Landscape of Eukaryotic Transmembrane Beta Barrel Proteins. *Journal of Proteome Research*, **2020**, 19, 1209-1221 | 5.6 | 2 |
| 89 | Lyme neuroborreliosis in adults: A nationwide prospective cohort study. *Ticks and Tick-borne Diseases*, **2020**, 11, 101411 | 3.6 | 5 |
| 88 | Long-term Mortality and Epilepsy in Patients After Brain Abscess: A Nationwide Population-Based Matched Cohort Study. *Clinical Infectious Diseases*, **2020**, 71, 2825-2832 | 11.6 | 17 |

| 87 | CT and MR neuroimaging findings in patients with Lyme neuroborreliosis: A national prospective cohort study. *Journal of the Neurological Sciences*, **2020**, 419, 117176 | 3.2 | 2 |
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| 86 | Long-term Mortality and Risk of Epilepsy in Children and Young Adults With Brain Abscess. *Pediatric Infectious Disease Journal*, **2020**, 39, 877-882 | 3.4 | 1 |
| 85 | Association of Lumbar Puncture With Spinal Hematoma in Patients With and Without Coagulopathy. *JAMA - Journal of the American Medical Association*, **2020**, 324, 1419-1428 | 27.4 | 16 |
| 84 | is prevalent in the gastrointestinal tract of patients with microscopic colitis. *Scandinavian Journal of Gastroenterology*, **2020**, 55, 924-930 | 2.4 | 6 |
| 83 | Low-dose hydrocortisone in patients with COVID-19 and severe hypoxia (COVID STEROID) trial-Protocol and statistical analysis plan. *Acta Anaesthesiologica Scandinavica*, **2020**, 64, 1365-1375 | 1.9 | 22 |
| 82 | Outcome of community-onset ESBL-producing Escherichia coli and Klebsiella pneumoniae bacteraemia and urinary tract infection: a population-based cohort study in Denmark. *Journal of Antimicrobial Chemotherapy*, **2020**, 75, 3656-3664 | 5.1 | 3 |
| 81 | Risk Factors for Brain Abscess: A Nationwide, Population-Based, Nested Case-Control Study. *Clinical Infectious Diseases*, **2020**, 71, 1040-1046 | 11.6 | 11 |
| 80 | Neurological sequelae remain frequent after bacterial meningitis in children. *Acta Paediatrica, International Journal of Paediatrics*, **2020**, 109, 361-367 | 3.1 | 8 |
| 79 | Influence of Acetylsalicylic Acid Use on Risk and Outcome of Community-Acquired Bacteremia: A Population-Based Study. *Open Forum Infectious Diseases*, **2019**, 6, ofz356 | 1 | |
| 78 | Community-acquired meningitis caused by beta-haemolytic streptococci in adults: a nationwide population-based cohort study. *European Journal of Clinical Microbiology and Infectious Diseases*, **2019**, 38, 2305-2310 | 5.3 | 1 |
| 77 | Valaciclovir therapy for herpes encephalitis: caution advised. *Journal of Antimicrobial Chemotherapy*, **2019**, 74, 1467-1468 | 5.1 | 5 |
| 76 | Predicting eukaryotic protein secretion without signals. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2019**, 1867, 140174 | 4 | 10 |
| 75 | A Brief History of Protein Sorting Prediction. *Protein Journal*, **2019**, 38, 200-216 | 3.9 | 55 |
| 74 | Comparative genomics and genome biology of. *Emerging Microbes and Infections*, **2019**, 8, 827-840 | 18.9 | 4 |
| 73 | Risk of inflammatory bowel disease after and infection: a population-based cohort study. *Scandinavian Journal of Gastroenterology*, **2019**, 54, 265-272 | 2.4 | 7 |
| 72 | Risk factors and prognosis of seizures in adults with community-acquired bacterial meningitis in Denmark: observational cohort studies. *BMJ Open*, **2019**, 9, e030263 | 3 | 7 |
| 71 | 1402. Long-Term Mortality and Epilepsy in Patients After Brain Abscess: A Nationwide Population-based Matched Cohort Study. *Open Forum Infectious Diseases*, **2019**, 6, S510-S510 | 1 | 78 |
| 70 | 1396. Risk Factors for Brain Abscess: A Nationwide Population-based Nested Case-Control Study. *Open Forum Infectious Diseases*, **2019**, 6, S507-S508 | 1 | 78 |

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| 69 | Detecting sequence signals in targeting peptides using deep learning. *Life Science Alliance*, **2019**, 2, | 5.8 | 183 |
| 68 | SignalP 5.0 improves signal peptide predictions using deep neural networks. *Nature Biotechnology*, **2019**, 37, 420-423 | 44.5 | 1536 |
| 67 | NetSurfP-2.0: Improved prediction of protein structural features by integrated deep learning. *Proteins: Structure, Function and Bioinformatics*, **2019**, 87, 520-527 | 4.2 | 214 |
| 66 | Motility and biofilm formation of the emerging gastrointestinal pathogen Campylobacter concisus differs under microaerophilic and anaerobic environments. *Gut Microbes*, **2019**, 10, 34-44 | 8.8 | 2 |
| 65 | Cerebrospinal fluid lactate as a marker to differentiate between community-acquired acute bacterial meningitis and aseptic meningitis/encephalitis in adults: a Danish prospective observational cohort study. *Infectious Diseases*, **2018**, 50, 514-521 | 3.1 | 11 |
| 64 | In Reply-Statin Use Associated With a Decreased Risk of Community-Acquired Staphylococcus aureus Bacteremia. *Mayo Clinic Proceedings*, **2018**, 93, 542 | 6.4 | |
| 63 | Molecular epidemiology and comparative genomics of Campylobacter concisus strains from saliva, faeces and gut mucosal biopsies in inflammatory bowel disease. *Scientific Reports*, **2018**, 8, 1902 | 4.9 | 24 |
| 62 | Incidence and predictors of intravenous acyclovir-induced nephrotoxicity. *European Journal of Clinical Microbiology and Infectious Diseases*, **2018**, 37, 1965-1971 | 5.3 | 14 |
| 61 | Anti-infective treatment of brain abscess. *Expert Review of Anti-Infective Therapy*, **2018**, 16, 565-578 | 5.5 | 21 |
| 60 | Positive predictive value of ICD-10 diagnosis codes for brain abscess in the Danish National Patient Registry. *Clinical Epidemiology*, **2018**, 10, 1503-1508 | 5.9 | 8 |
| 59 | Community-acquired meningitis in adults caused by Escherichia coli in Denmark and The Netherlands. *Journal of Infection*, **2018**, 77, 25-29 | 18.9 | 11 |
| 58 | Comparative genomics of Campylobacter concisus: Analysis of clinical strains reveals genome diversity and pathogenic potential. *Emerging Microbes and Infections*, **2018**, 7, 116 | 18.9 | 16 |
| 57 | Motility of Campylobacter concisus isolated from saliva, feces, and gut mucosal biopsies. *Apmis*, **2017**, 125, 230-235 | 3.4 | 2 |
| 56 | Predicting Secretory Proteins with SignalP. *Methods in Molecular Biology*, **2017**, 1611, 59-73 | 1.4 | 475 |
| 55 | An introduction to deep learning on biological sequence data: examples and solutions. *Bioinformatics*, **2017**, 33, 3685-3690 | 7.2 | 81 |
| 54 | Statin Use and Risk of Community-Acquired Staphylococcus aureus Bacteremia: A Population-Based Case-Control Study. *Mayo Clinic Proceedings*, **2017**, 92, 1469-1478 | 6.4 | 13 |
| 53 | Protein Sorting Prediction. *Methods in Molecular Biology*, **2017**, 1615, 23-57 | 1.4 | 5 |
| 52 | DeepLoc: prediction of protein subcellular localization using deep learning. *Bioinformatics*, **2017**, 33, 3387-3395 | 7.2 | 460 |

| 51 | Severe malaria in Europe: an 8-year multi-centre observational study. *Malaria Journal*, **2017**, 16, 57 | 3.6 | 37 |
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| 50 | Campylobacter fetus impairs barrier function in HT-29/B6 cells through focal tight junction alterations and leaks. *Annals of the New York Academy of Sciences*, **2017**, 1405, 189-201 | 6.5 | 8 |
| 49 | Predicting Subcellular Localization of Proteins by Bioinformatic Algorithms. *Current Topics in Microbiology and Immunology*, **2017**, 404, 129-158 | 3.3 | 7 |
| 48 | Schistosomiasis in European Travelers and Migrants: Analysis of 14 Years TropNet Surveillance Data. *American Journal of Tropical Medicine and Hygiene*, **2017**, 97, 567-574 | 3.2 | 43 |
| 47 | Morbo Serpentino. *Journal of Hospital Medicine*, **2017**, 12, 755-759 | 2.7 | |
| 46 | Use of Glucocorticoids and Risk of Community-Acquired Staphylococcus aureus Bacteremia: A Population-Based Case-Control Study. *Mayo Clinic Proceedings*, **2016**, 91, 873-80 | 6.4 | 7 |
| 45 | Multilocus sequence typing of Campylobacter concisus from Danish diarrheic patients. *Gut Pathogens*, **2016**, 8, 44 | 5.4 | 13 |
| 44 | Human pegivirus detected in a patient with severe encephalitis using a metagenomic pan-virus array. *Journal of Clinical Virology*, **2016**, 77, 5-8 | 14.5 | 14 |
| 43 | Immunoglobulin G response in patients with Campylobacter concisus diarrhea. *Diagnostic Microbiology and Infectious Disease*, **2016**, 84, 151-4 | 2.9 | |
| 42 | Outcome of Community-Acquired Staphylococcus aureus Bacteraemia in Patients with Diabetes: A Historical Population-Based Cohort Study. *PLoS ONE*, **2016**, 11, e0153766 | 3.7 | 5 |
| 41 | Azithromycin vs. Placebo for the Clinical Outcome in Campylobacter concisus Diarrhoea in Adults: A Randomized, Double-Blinded, Placebo-Controlled Clinical Trial. *PLoS ONE*, **2016**, 11, e0166395 | 3.7 | 4 |
| 40 | Optimized cultivation of Campylobacter concisus from gut mucosal biopsies in inflammatory bowel disease. *Gut Pathogens*, **2016**, 8, 27 | 5.4 | 34 |
| 39 | Classification of Healthcare-Associated Staphylococcus aureus Bacteremia: Influence of Different Definitions on Prevalence, Patient Characteristics, and Outcome. *Infection Control and Hospital Epidemiology*, **2016**, 37, 208-11 | 2 | 8 |
| 38 | Time to antibiotic therapy and outcome in bacterial meningitis: a Danish population-based cohort study. *BMC Infectious Diseases*, **2016**, 16, 392 | 4 | 44 |
| 37 | Polycarbonate filtration technique is noninferior to mCCDA for isolation of Campylobacter species from stool samples. *Diagnostic Microbiology and Infectious Disease*, **2015**, 83, 11-2 | 2.9 | 9 |
| 36 | Intravenous Artesunate Reduces Parasite Clearance Time, Duration of Intensive Care, and Hospital Treatment in Patients With Severe Malaria in Europe: The TropNet Severe Malaria Study. *Clinical Infectious Diseases*, **2015**, 61, 1441-4 | 11.6 | 27 |
| 35 | Response to letter regarding article, "Risk for myocardial infarction and stroke after community-acquired bacteremia: a 20-year population-based cohort study". *Circulation*, **2015**, 131, e9 | 16.7 | 2 |
| 34 | Convolutional LSTM Networks for Subcellular Localization of Proteins. *Lecture Notes in Computer Science*, **2015**, 68-80 | 0.9 | 54 |

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| 33 | Stroke in community-acquired bacterial meningitis: a Danish population-based study. *International Journal of Infectious Diseases*, **2014**, 20, 18-22 | 10.5 | 31 |
| 32 | LocTree3 prediction of localization. *Nucleic Acids Research*, **2014**, 42, W350-5 | 20.1 | 183 |
| 31 | Venous thromboembolism after community-acquired bacteraemia: a 20-year danish cohort study. *PLoS ONE*, **2014**, 9, e86094 | 3.7 | 13 |
| 30 | Comparison of polycarbonate and cellulose acetate membrane filters for isolation of Campylobacter concisus from stool samples. *Diagnostic Microbiology and Infectious Disease*, **2013**, 76, 549-50 | 2.9 | 13 |
| 29 | SignalP 4.0: discriminating signal peptides from transmembrane regions. *Nature Methods*, **2011**, 8, 785-6 | 21.6 | 6866 |
| 28 | Oral and fecal Campylobacter concisus strains perturb barrier function by apoptosis induction in HT-29/B6 intestinal epithelial cells. *PLoS ONE*, **2011**, 6, e23858 | 3.7 | 63 |
| 27 | Locating proteins in the cell using TargetP, SignalP and related tools. *Nature Protocols*, **2007**, 2, 953-71 | 18.8 | 2596 |
| 26 | An overabundance of phase 0 introns immediately after the start codon in eukaryotic genes. *BMC Genomics*, **2006**, 7, 256 | 4.5 | 9 |
| 25 | Prediction of twin-arginine signal peptides. *BMC Bioinformatics*, **2005**, 6, 167 | 3.6 | 408 |
| 24 | Serological and molecular evidence of Rickettsia helvetica in Denmark. *Scandinavian Journal of Infectious Diseases*, **2004**, 36, 559-63 | | 53 |
| 23 | Improved prediction of signal peptides: SignalP 3.0. *Journal of Molecular Biology*, **2004**, 340, 783-95 | 6.5 | 5563 |
| 22 | Prediction of lipoprotein signal peptides in Gram-negative bacteria. *Protein Science*, **2003**, 12, 1652-62 | 6.3 | 880 |
| 21 | A Randomized Trial Comparing Initial Haart Regimens of Nelfinavir/Nevirapine and Ritonavir/Saquinavir in Combination with Two Nucleoside Reverse Transcriptase Inhibitors. *Antiviral Therapy*, **2003**, 8, 595-602 | 1.6 | 6 |
| 20 | Predicting subcellular localization of proteins based on their N-terminal amino acid sequence. *Journal of Molecular Biology*, **2000**, 300, 1005-16 | 6.5 | 3635 |
| 19 | Machine learning approaches for the prediction of signal peptides and other protein sorting signals. *Protein Engineering, Design and Selection*, **1999**, 12, 3-9 | 1.9 | 461 |
| 18 | Proinflammatory activation of neutrophils and monocytes by Helicobacter pylori is not associated with cagA, vacA or picB genotypes. *Apmis*, **1999**, 107, 1117-1123 | 3.4 | 13 |
| 17 | ChloroP, a neural network-based method for predicting chloroplast transit peptides and their cleavage sites. *Protein Science*, **1999**, 8, 978-84 | 6.3 | 1551 |
| 16 | Proinflammatory activation of neutrophils and monocytes by Helicobacter pylori in patients with different clinical presentations. *Infection and Immunity*, **1999**, 67, 3171-4 | 3.7 | 14 |

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|---|---|---|---|
| 15 | A neural network method for identification of prokaryotic and eukaryotic signal peptides and prediction of their cleavage sites. *International Journal of Neural Systems*, **1997**, 8, 581-99 | 6.2 | 552 |
| 14 | Increased In Vivo Antibody Activity Against Interferon-α, Interleukin-1α and Interleukin-6 After High-Dose Ig Therapy. *Blood*, **1997**, 90, 2376-2380 | 2.2 | 35 |
| 13 | Defining a similarity threshold for a functional protein sequence pattern: the signal peptide cleavage site. *Proteins: Structure, Function and Bioinformatics*, **1996**, 24, 165-77 | 4.2 | 61 |
| 12 | Serodiagnosis of Helicobacter pylori infection in patients with human immunodeficiency virus infection. *Apmis*, **1995**, 103, 689-692 | 3.4 | 8 |
| 11 | Immune dysfunction in multiple myeloma. Reduced natural killer cell activity and increased levels of soluble interleukin-2 receptors. *Apmis*, **1991**, 99, 340-6 | 3.4 | 28 |
| 10 | Comparison of alveolar macrophage and blood monocyte oxidative burst response in pulmonary sarcoidosis. *Apmis*, **1990**, 98, 401-6 | 3.4 | 9 |
| 9 | Complement C3b receptors on erythrocytes in patients with juvenile rheumatoid arthritis. *Arthritis and Rheumatism*, **1987**, 30, 967-71 | | 15 |
| 8 | Defective monocyte function in Legionnaires' disease complicating hairy cell leukaemia. *Acta Medica Scandinavica*, **1986**, 220, 381-3 | | 9 |
| 7 | Complement C3b receptors on erythrocytes, circulating immune complexes, and complement C3 split products in patients with primary Sjögren's syndrome. *Arthritis and Rheumatism*, **1986**, 29, 857-62 | | 29 |
| 6 | Circulating immune complexes in myelofibrosis. *Scandinavian Journal of Haematology*, **1985**, 34, 177-80 | | 18 |
| 5 | Precipitable immune complexes in serum and synovial fluid of patients with rheumatoid arthritis. *Scandinavian Journal of Rheumatology*, **1985**, 14, 84-6 | 1.9 | |
| 4 | In vitro characterization of synthesized thyroglobulin immune complexes (IC). A model for studies of IC containing an autoantigen. *Allergy: European Journal of Allergy and Clinical Immunology*, **1981**, 36, 107-13 | 9.3 | 7 |
| 3 | Language modelling for biological sequences – curated datasets and baselines | | 2 |
| 2 | Prediction of GPI-Anchored proteins with pointer neural networks | | 1 |
| 1 | SARS-CoV-2 antibody prevalence among homeless people, sex workers and shelter workers in Denmark: a nationwide cross-sectional study | | 3 |