Henrik Nielsen

List of Publications by Year
in descending order

124 papers	36,803 citations	94433 37 h-index	20358 116 g-index
131 all docs	131 docs citations	131 times ranked	43762 citing authors

#	Article	IF	Citations
1	Microscopic Colitis Patients Possess a Perturbed and Inflammatory Gut Microbiota. Digestive Diseases and Sciences, 2022, 67, 2433-2443.	2.3	13
2	NetSolP: predicting protein solubility in <i>Escherichia coli</i> using language models. Bioinformatics, 2022, 38, 941-946.	4.1	16
3	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.	7.3	33
4	Herpes Simplex Virus 2 Meningitis in Adults: A Prospective, Nationwide, Population-Based Cohort Study. Clinical Infectious Diseases, 2022, 75, 753-760.	5.8	5
5	SignalP 6.0 predicts all five types of signal peptides using protein language models. Nature Biotechnology, 2022, 40, 1023-1025.	17.5	883
6	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.	3.3	11
7	Positive Predictive Value of the ICD-10 Diagnosis Code for Long-COVID. Clinical Epidemiology, 2022, Volume 14, 141-148.	3.0	10
8	Seroprevalence of SARS-CoV-2 antibodies in social housing areas in Denmark. BMC Infectious Diseases, 2022, 22, 143.	2.9	12
9	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, 28, 1126-1133.	6.0	30
10	DeepLoc 2.0: multi-label subcellular localization prediction using protein language models. Nucleic Acids Research, 2022, 50, W228-W234.	14.5	180
11	Brain Abscess and Risk of Cancer. Neurology, 2022, 99, .	1.1	3
12	NetSurfP-3.0: accurate and fast prediction of protein structural features by protein language models and deep learning. Nucleic Acids Research, 2022, 50, W510-W515.	14.5	80
13	Varicella Zoster Virus Encephalitis in Denmark From 2015 to 2019â€"A Nationwide Prospective Cohort Study. Clinical Infectious Diseases, 2021, 72, 1192-1199.	5.8	30
14	Risk factors of community-onset extended-spectrum Î²-lactamase Escherichia coli and Klebsiella pneumoniae bacteraemia: an 11-year population-based caseâ€"controlâ€"control study in Denmark. Clinical Microbiology and Infection, 2021, 27, 871-877.	6.0	10
15	Normocellular Community-Acquired Bacterial Meningitis in Adults: A Nationwide Population-Based Case Series. Annals of Emergency Medicine, 2021, 77, 11-18.	0.6	5
16	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.	2.9	5
17	High genetic diversity in Campylobacter concisus isolates from patients with microscopic colitis. Gut Pathogens, 2021, 13, 3.	3.4	7
18	Venous Thromboembolism and Major Bleeding in Patients With Coronavirus Disease 2019 (COVID-19): A Nationwide, Population-Based Cohort Study. Clinical Infectious Diseases, 2021, 73, 2283-2293.	5.8	44

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19	Risk of Spinal Hematoma After Lumbar Puncture—Reply. JAMA - Journal of the American Medical Association, 2021, 325, 788.	7.4	0
20	Reply to Ito. Clinical Infectious Diseases, 2021, 73, 939-940.	5.8	0
21	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.	6.0	114
22	Genetic Variants and Immune Responses in a Cohort of Patients With Varicella Zoster Virus Encephalitis. Journal of Infectious Diseases, 2021, 224, 2122-2132.	4.0	8
23	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.	5.8	68
24	Enterovirus Meningitis in Adults. Neurology, 2021, 97, e454-e463.	1.1	10
25	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.	1.6	31
26	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.	9.1	194
27	Prediction of GPI-anchored proteins with pointer neural networks. Current Research in Biotechnology, 2021, 3, 6-13.	3.7	59
28	First wave of COVID-19 hospital admissions in Denmark: a Nationwide population-based cohort study. BMC Infectious Diseases, 2021, 21, 39.	2.9	26
29	Incidence and severeness of COVID-19 hospitalization in patients with inflammatory rheumatic disease: a nationwide cohort study from Denmark. Rheumatology, 2021, 60, SI59-SI67.	1.9	100
30	Existing Data Sources for Clinical Epidemiology: The Danish Study Group of Infections of the Brain Database (DASGIB). Clinical Epidemiology, 2021, Volume 13, 921-933.	3.0	17
31	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. JAMA - Journal of the American Medical Association, 2021, 326, 1807.	7.4	174
32	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.	2.9	46
33	Partial oral antibiotic treatment for bacterial brain abscess: an open-label randomized non-inferiority trial (ORAL). Trials, 2021, 22, 796.	1.6	8
34	Testing Denmark: a Danish Nationwide Surveillance Study of COVID-19. Microbiology Spectrum, 2021, 9, e0133021.	3.0	15
35	Risk Factors for Brain Abscess: A Nationwide, Population-Based, Nested Case-Control Study. Clinical Infectious Diseases, 2020, 71, 1040-1046.	5.8	36
36	Neurological sequelae remain frequent after bacterial meningitis in children. Acta Paediatrica, International Journal of Paediatrics, 2020, 109, 361-367.	1.5	17

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37	Long-term Mortality and Epilepsy in Patients After Brain Abscess: A Nationwide Population-Based Matched Cohort Study. Clinical Infectious Diseases, 2020, 71, 2825-2832.	5.8	41
38	CT and MR neuroimaging findings in patients with Lyme neuroborreliosis: A national prospective cohort study. Journal of the Neurological Sciences, 2020, 419, 117176.	0.6	6
39	Long-term Mortality and Risk of Epilepsy in Children and Young Adults With Brain Abscess. Pediatric Infectious Disease Journal, 2020, 39, 877-882.	2.0	6
40	Association of Lumbar Puncture With Spinal Hematoma in Patients With and Without Coagulopathy. JAMA - Journal of the American Medical Association, 2020, 324, 1419.	7.4	40
41	Campylobacter concisus is prevalent in the gastrointestinal tract of patients with microscopic colitis. Scandinavian Journal of Gastroenterology, 2020, 55, 924-930.	1.5	11
42	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.	1.6	26
43	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.	3.0	17
44	Incidence of community-onset extended-spectrum β-lactamase-producing *Escherichia coli* and *Klebsiella pneumoniae* infections: an 11-year population-based study in Denmark. Infectious Diseases, 2020, 52, 547-556.	2.8	11
45	High risk of microscopic colitis after *Campylobacter concisus* infection: population-based cohort study. Gut, 2020, 69, 1952-1958.	12.1	21
46	Landscape of Eukaryotic Transmembrane Beta Barrel Proteins. Journal of Proteome Research, 2020, 19, 1209-1221.	3.7	5
47	Lyme neuroborreliosis in adults: A nationwide prospective cohort study. Ticks and Tick-borne Diseases, 2020, 11, 101411.	2.7	19
48	Risk factors and prognosis of seizures in adults with community-acquired bacterial meningitis in Denmark: observational cohort studies. BMJ Open, 2019, 9, e030263.	1.9	12
49	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.	0.9	0
50	1396. Risk Factors for Brain Abscess: A Nationwide Population-based Nested Case–Control Study. Open Forum Infectious Diseases, 2019, 6, S507-S508.	0.9	0
51	Influence of Acetylsalicylic Acid Use on Risk and Outcome of Community-Acquired Staphylococcus aureus Bacteremia: A Population-Based Study. Open Forum Infectious Diseases, 2019, 6, ofz356.	0.9	0
52	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.	2.9	6
53	Valaciclovir therapy for herpes encephalitis: caution advised. Journal of Antimicrobial Chemotherapy, 2019, 74, 1467-1468.	3.0	9
54	Predicting eukaryotic protein secretion without signals. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2019, 1867, 140174.	2.3	19

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55	A Brief History of Protein Sorting Prediction. Protein Journal, 2019, 38, 200-216.	1.6	154
56	Comparative genomics and genome biology of Campylobacter showae. Emerging Microbes and Infections, 2019, 8, 827-840.	6.5	8
57	Risk of inflammatory bowel disease after <i>Campylobacter jejuni</i> and <i>Campylobacter concisus</i> infection: a population-based cohort study. Scandinavian Journal of Gastroenterology, 2019, 54, 265-272.	1.5	16
58	SignalP 5.0 improves signal peptide predictions using deep neural networks. Nature Biotechnology, 2019, 37, 420-423.	17.5	3,317
59	NetSurfPâ€2.0: Improved prediction of protein structural features by integrated deep learning. Proteins: Structure, Function and Bioinformatics, 2019, 87, 520-527.	2.6	439
60	Motility and biofilm formation of the emerging gastrointestinal pathogen<i>Campylobacter concisus</i>differs under microaerophilic and anaerobic environments. Gut Microbes, 2019, 10, 34-44.	9.8	7
61	Detecting sequence signals in targeting peptides using deep learning. Life Science Alliance, 2019, 2, e201900429.	2.8	561
62	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.	2.8	19
63	In Replyâ€"Statin Use Associated With a Decreased Risk of Community-Acquired Staphylococcus aureus Bacteremia. Mayo Clinic Proceedings, 2018, 93, 542.	3.0	0
64	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.	3.3	35
65	Positive predictive value of ICD-10 diagnosis codes for brain abscess in the Danish National Patient Registry. Clinical Epidemiology, 2018, Volume 10, 1503-1508.	3.0	15
66	Community-acquired meningitis in adults caused by Escherichia coli in Denmark and The Netherlands. Journal of Infection, 2018, 77, 25-29.	3.3	19
67	Comparative genomics of <i>Campylobacter concisus</i>: Analysis of clinical strains reveals genome diversity and pathogenic potential. Emerging Microbes and Infections, 2018, 7, 1-17.	6.5	25
68	Incidence and predictors of intravenous acyclovir-induced nephrotoxicity. European Journal of Clinical Microbiology and Infectious Diseases, 2018, 37, 1965-1971.	2.9	28
69	Anti-infective treatment of brain abscess. Expert Review of Anti-Infective Therapy, 2018, 16, 565-578.	4.4	33
70	Motility of <i><scp>C</scp>ampylobacter concisus</i> isolated from saliva, feces, and gut mucosal biopsies. Apmis, 2017, 125, 230-235.	2.0	2
71	Predicting Secretory Proteins with SignalP. Methods in Molecular Biology, 2017, 1611, 59-73.	0.9	811
72	An introduction to deep learning on biological sequence data: examples and solutions. Bioinformatics, 2017, 33, 3685-3690.	4.1	123

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73	Statin Use and Risk of Community-Acquired Staphylococcus aureus Bacteremia: A Population-Based Case-Control Study. Mayo Clinic Proceedings, 2017, 92, 1469-1478.	3.0	20
74	Protein Sorting Prediction. Methods in Molecular Biology, 2017, 1615, 23-57.	0.9	6
75	DeepLoc: prediction of protein subcellular localization using deep learning. Bioinformatics, 2017, 33, 3387-3395.	4.1	876
76	Severe malaria in Europe: an 8-year multi-centre observational study. Malaria Journal, 2017, 16, 57.	2.3	57
77	*Campylobacter fetus* impairs barrier function in HTâ€29/B6 cells through focal tight junction alterations and leaks. Annals of the New York Academy of Sciences, 2017, 1405, 189-201.	3.8	12
78	Schistosomiasis in European Travelers and Migrants: Analysis of 14 Years TropNet Surveillance Data. American Journal of Tropical Medicine and Hygiene, 2017, 97, 567-574.	1.4	69
79	Morbo Serpentino. Journal of Hospital Medicine, 2017, 12, 755-759.	1.4	0
80	Optimized cultivation of Campylobacter concisus from gut mucosal biopsies in inflammatory bowel disease. Gut Pathogens, 2016, 8, 27.	3.4	39
81	Classification of Healthcare-Associated *Staphylococcus aureus* Bacteremia: Influence of Different Definitions on Prevalence, Patient Characteristics, and Outcome. Infection Control and Hospital Epidemiology, 2016, 37, 208-211.	1.8	8
82	Time to antibiotic therapy and outcome in bacterial meningitis: a Danish population-based cohort study. BMC Infectious Diseases, 2016, 16, 392.	2.9	64
83	Use of Glucocorticoids and Risk of Community-Acquired Staphylococcus aureus Bacteremia. Mayo Clinic Proceedings, 2016, 91, 873-880.	3.0	13
84	Multilocus sequence typing of Campylobacter concisus from Danish diarrheic patients. Gut Pathogens, 2016, 8, 44.	3.4	14
85	Human pegivirus detected in a patient with severe encephalitis using a metagenomic pan-virus array. Journal of Clinical Virology, 2016, 77, 5-8.	3.1	17
86	Immunoglobulin G response in patients with Campylobacter concisus diarrhea. Diagnostic Microbiology and Infectious Disease, 2016, 84, 151-154.	1.8	0
87	Outcome of Community-Acquired Staphylococcus aureus Bacteraemia in Patients with Diabetes: A Historical Population-Based Cohort Study. PLoS ONE, 2016, 11, e0153766.	2.5	5
88	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.	2.5	4
89	Response to Letter Regarding Article, â€œRisk for Myocardial Infarction and Stroke After Community-Acquired Bacteremia: A 20-Year Population-Based Cohort Studyâ€• Circulation, 2015, 131, e9.	1.6	2
90	Predicting Subcellular Localization of Proteins by Bioinformatic Algorithms. Current Topics in Microbiology and Immunology, 2015, 404, 129-158.	1.1	10

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91	Polycarbonate filtration technique is noninferior to mCCDA for isolation of Campylobacter species from stool samples. Diagnostic Microbiology and Infectious Disease, 2015, 83, 11-12.	1.8	11
92	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: Figure 1.. Clinical Infectious Diseases, 2015, 61, 1441-1444.	5.8	38
93	Convolutional LSTM Networks for Subcellular Localization of Proteins. Lecture Notes in Computer Science, 2015, , 68-80.	1.3	81
94	LocTree3 prediction of localization. Nucleic Acids Research, 2014, 42, W350-W355.	14.5	272
95	Stroke in community-acquired bacterial meningitis: a Danish population-based study. International Journal of Infectious Diseases, 2014, 20, 18-22.	3.3	49
96	Venous Thromboembolism after Community-Acquired Bacteraemia: A 20-year Danish Cohort Study. PLoS ONE, 2014, 9, e86094.	2.5	17
97	Comparison of polycarbonate and cellulose acetate membrane filters for isolation of Campylobacter concisus from stool samples. Diagnostic Microbiology and Infectious Disease, 2013, 76, 549-550.	1.8	15
98	SignalP 4.0: discriminating signal peptides from transmembrane regions. Nature Methods, 2011, 8, 785-786.	19.0	8,521
99	Oral and Fecal Campylobacter concisus Strains Perturb Barrier Function by Apoptosis Induction in HT-29/B6 Intestinal Epithelial Cells. PLoS ONE, 2011, 6, e23858.	2.5	70
100	Locating proteins in the cell using TargetP, SignalP and related tools. Nature Protocols, 2007, 2, 953-971.	12.0	2,940
101	An overabundance of phase 0 introns immediately after the start codon in eukaryotic genes. BMC Genomics, 2006, 7, 256.	2.8	13
102	Prediction of twin-arginine signal peptides. BMC Bioinformatics, 2005, 6, 167.	2.6	465
103	Serological and molecular evidence of Rickettsia helvetica in Denmark. Scandinavian Journal of Infectious Diseases, 2004, 36, 559-563.	1.5	57
104	Improved Prediction of Signal Peptides: SignalP 3.0. Journal of Molecular Biology, 2004, 340, 783-795.	4.2	6,015
105	Prediction of lipoprotein signal peptides in Gram-negative bacteria. Protein Science, 2003, 12, 1652-1662.	7.6	1,016
106	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.	1.0	6
107	Helicobacter felis does not stimulate human neutrophil oxidative burst in contrast to 'Gastrospirillum hominis' and Helicobacter pylori. FEMS Immunology and Medical Microbiology, 2001, 30, 187-195.	2.7	1
108	Predicting Subcellular Localization of Proteins Based on their N-terminal Amino Acid Sequence. Journal of Molecular Biology, 2000, 300, 1005-1016.	4.2	4,166

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109	Machine learning approaches for the prediction of signal peptides and other protein sorting signals. Protein Engineering, Design and Selection, 1999, 12, 3-9.	2.1	546
110	Proinflammatory activation of neutrophils and monocytes by <i>Helicobacter pylori</i> is not associated with <i>cag</i>A, <i>vac</i>A or <i>pic</i>B genotypes. Apmis, 1999, 107, 1117-1123.	2.0	13
111	ChloroP, a neural network–based method for predicting chloroplast transit peptides and their cleavage sites. Protein Science, 1999, 8, 978-984.	7.6	1,778
112	Proinflammatory Activation of Neutrophils and Monocytes by <i>Helicobacter pylori</i> in Patients with Different Clinical Presentations. Infection and Immunity, 1999, 67, 3171-3174.	2.2	17
113	A Neural Network Method for Identification of Prokaryotic and Eukaryotic Signal Peptides and Prediction of their Cleavage Sites. International Journal of Neural Systems, 1997, 08, 581-599.	5.2	645
114	Increased In Vivo Antibody Activity Against Interferon Î±, Interleukin-1Î±, and Interleukin-6 After High-Dose Ig Therapy. Blood, 1997, 90, 2376-2380.	1.4	45
115	Defining a similarity threshold for a functional protein sequence pattern: The signal peptide cleavage site. , 1996, 24, 165-177.		75
116	Serodiagnosis of <i>Helicobacter pylori</i> infection in patients with human immunodeficiency virus infection. Apmis, 1995, 103, 689-692.	2.0	9
117	Immune dysfunction in multiple myeloma. Reduced natural killer cell activity and increased levels of soluble interleukin–2 receptors. Apmis, 1991, 99, 340-346.	2.0	29
118	Comparison of alveolar macrophage and blood monocyte oxidative burst response in pulmonary sarcoidosis. Apmis, 1990, 98, 401-406.	2.0	11
119	Complement C3b receptors on erythrocytes in patients with juvenile rheumatoid arthritis. Arthritis and Rheumatism, 1987, 30, 967-971.	6.7	15
120	Complement C3b receptors on erythrocytes, circulating immune complexes, and complement C3 split products in patients with primary SjÃ¶gren's syndrome. Arthritis and Rheumatism, 1986, 29, 857-862.	6.7	31
121	Defective Monocyte Function in Legionnaires' Disease Complicating Hairy Cell Leukaemia. Acta Medica Scandinavica, 1986, 220, 381-383.	0.0	10
122	Precipitable Immune Complexes in Serum and Synovial Fluid of Patients with Rheumatoid Arthritis. Scandinavian Journal of Rheumatology, 1985, 14, 84-86.	1.1	0
123	Circulating immune complexes in myelofibrosis. Scandinavian Journal of Haematology, 1985, 34, 177-180.	0.0	19
124	In vitro Characterization of Synthesized Thyroglobulin Immune Complexes (IC).. Allergy: European Journal of Allergy and Clinical Immunology, 1981, 36, 107-113.	5.7	7