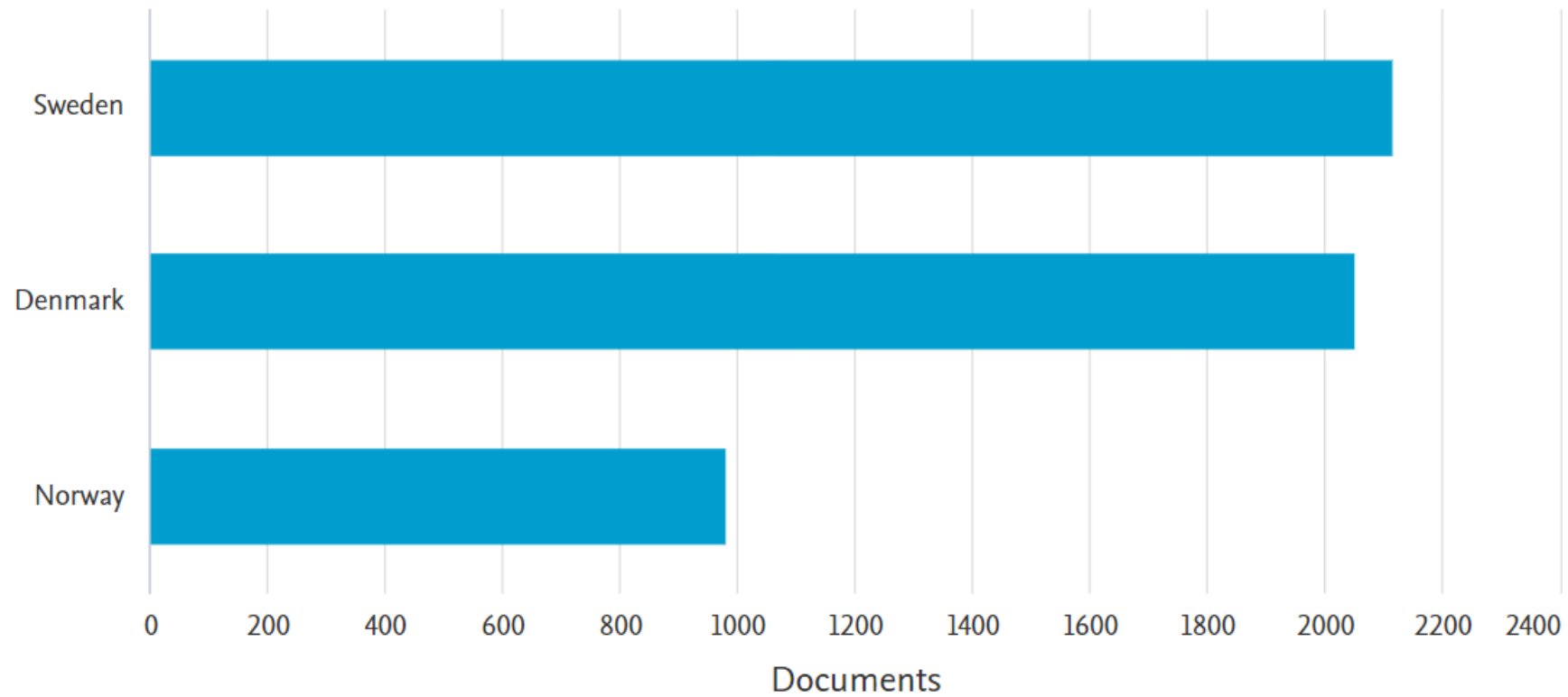


Forskningsrapport DLCR 2023 & Forskningscenter for Lungekræft

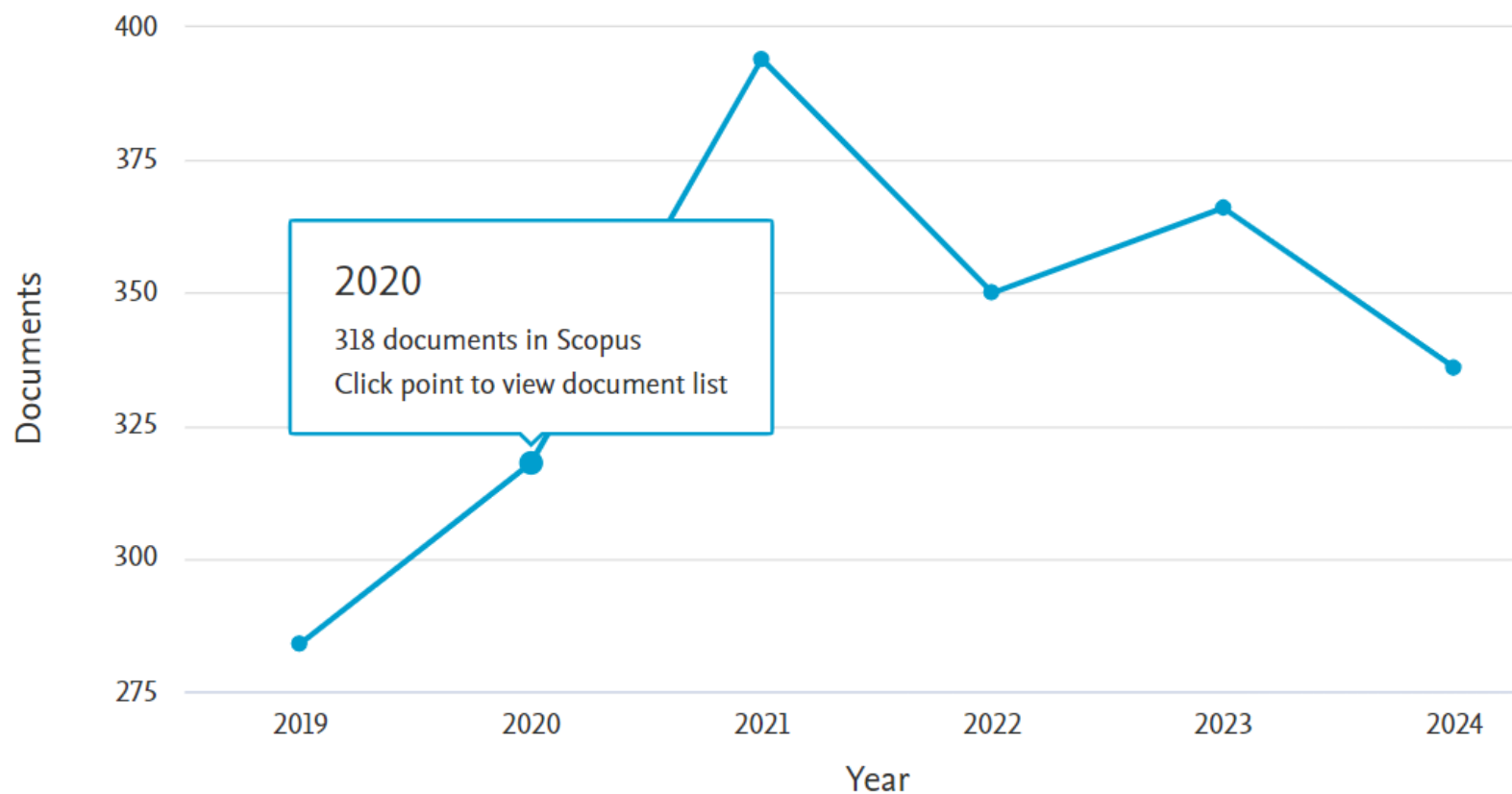
Ole Hilberg, Professor i lungemedicin ved SDU, formand for forskning i DLCG

Udtræk fra scopus '2019-2024 lung cancer'



Udtræk fra scopus '2019-2024 lung cancer'

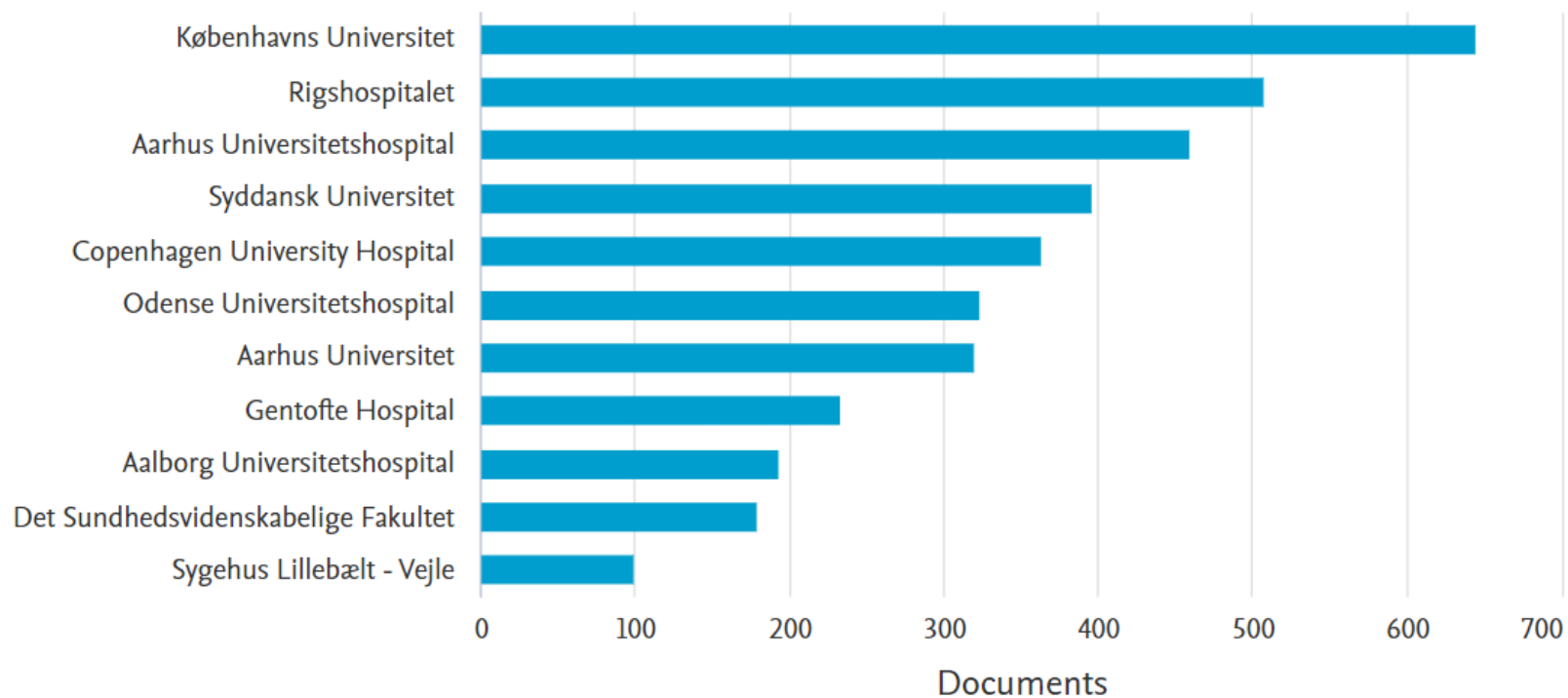
Documents by year



Udtræk fra scopus '2019-2024 lung cancer'

Documents by affiliation

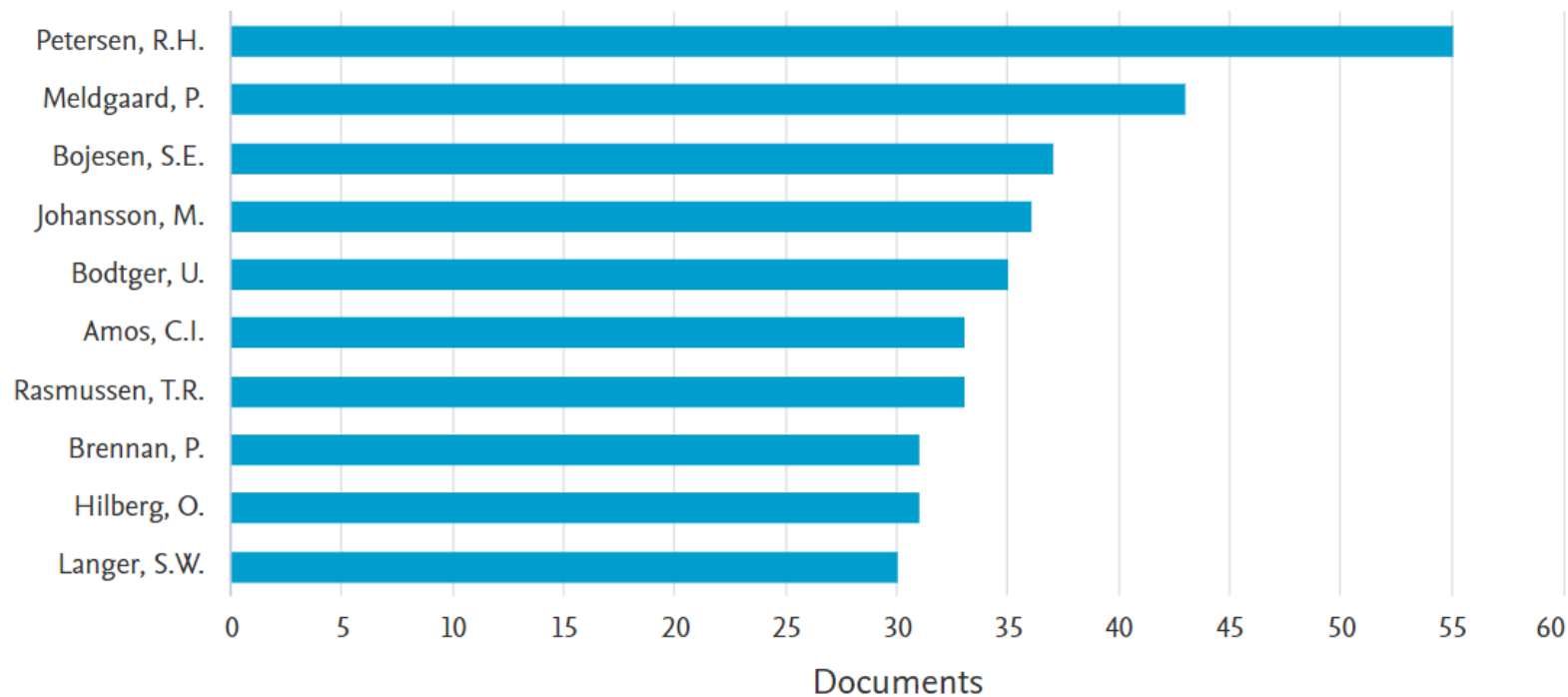
Compare the document counts for up to 15 affiliations.



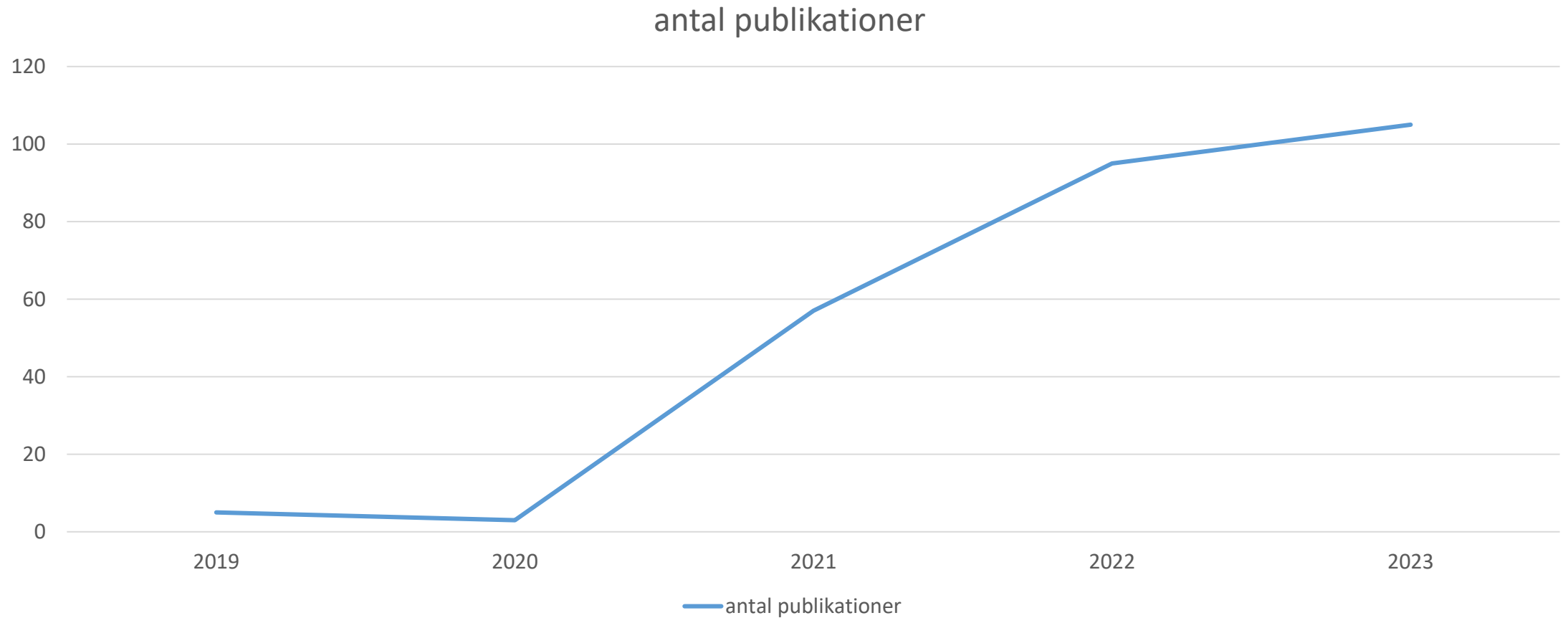
Udtræk fra scopus '2019-2024 lung cancer'

Documents by author

Compare the document counts for up to 15 authors.



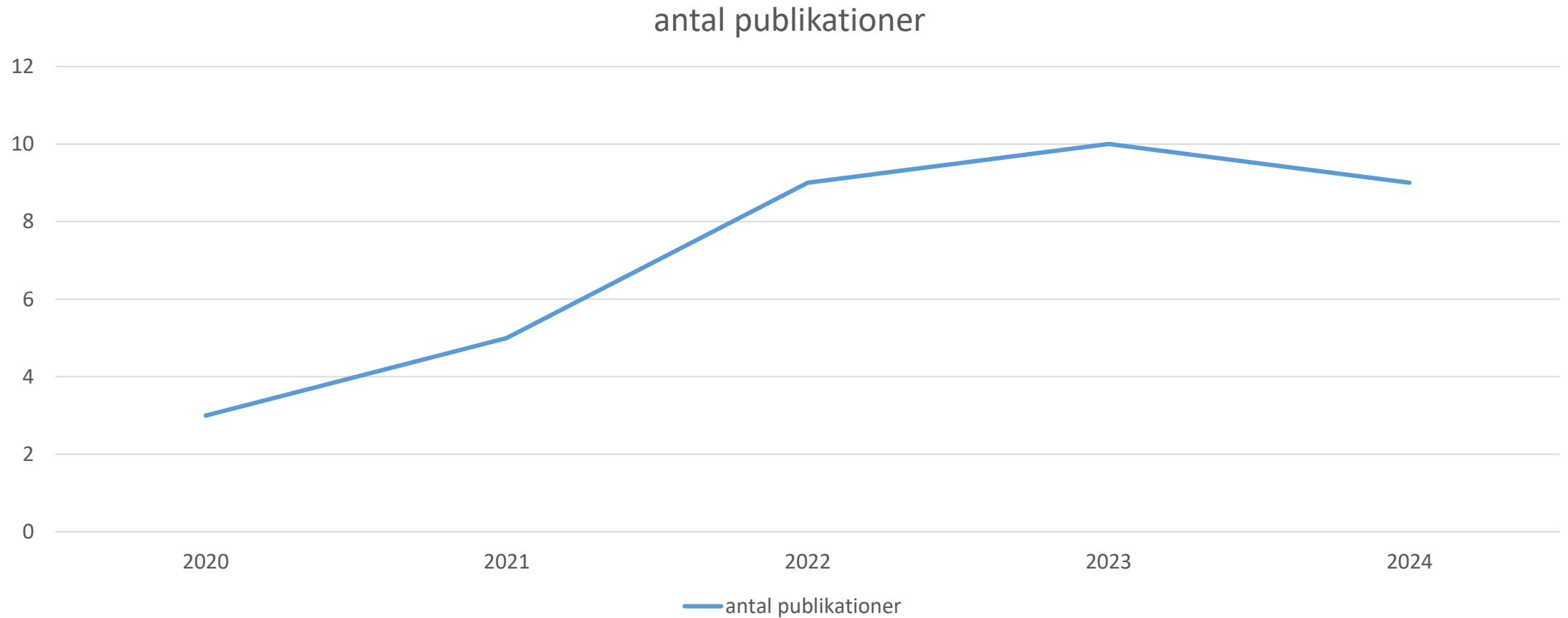
Dansk Lunge Cancer Register har leveret data til eller bidraget til publikationer



Dansk Lunge Cancer Register har leveret data til eller bidraget til følgende 110 publikationer i 2023

- Ehrenstein V, Eriksen K. et al: [Characteristics and Overall Survival of Patients with Early-Stage Non-Small Cell Lung Cancer: A Cohort Study in Denmark](#). Cancer Med. 2023;12:30-37.
- Olesen TB, Rasmussen TR, Jakobsen E, Engberg H, Hilberg O, Møller H, Jensen JW, Jensen H. [Diagnosis and treatment of lung cancer in Denmark during the COVID-19 pandemic](#). Cancer Epidemiol. 2023 Aug;85:102373. doi: 10.1016/j.canep.2023.102373. Epub 2023 Apr 24. PMID: 37172520 Free PMC article.
- Gouliaev A, Rasmussen TR, Malila N, Fjellbirkeland L, Löfling L, Jakobsen E, Dalton SO, Christensen NL. [Lung cancer registries in Denmark, Finland, Norway and Sweden: a comparison and proposal for harmonization](#). Acta Oncol. 2023 Jan;62(1):1-7. doi: 10.1080/0284186X.2023.2172687. Epub 2023 Jan 30. PMID: 36718556
- Hansen KH, Johansen JS, Urbanska EM, Meldgaard P, Hjorth-Hansen P, Kristiansen C, Stelmach M, Santoni-Rugiu E, Uihøi MP, Dydensborg AB, Dünweber C, Andersen JL. [Clinical outcomes of ALK+ non-small cell lung cancer in Denmark](#). Acta Oncol. 2023 Dec;62(12):1775-1783. doi: 10.1080/0284186X.2023.2263153. Epub 2023 Nov 25. PMID: 37815923
- Frank MS, Bodtger U. [An Individualized Approach to Comorbidities in Lung Cancer](#). J Thorac Oncol. 2023 Mar;18(3):254-256. doi: 10.1016/j.jtho.2022.12.007. PMID: 36842806 No abstract available.
- Karampitsakos T, Spagnolo P, Mogulkoc N, Wuyts WA, Tomassetti S, Bendstrup E, Molina-Molina M, Manali ED, Unat ÖS, Bonella F, Kahn N, Kolilekas L, Rosi E, Gori L, Ravaglia C, Poletti V, Daniil Z, Prior TS, Papanikolaou IC, Aso S, Tryfon S, Papakosta D, Tzilas V, Balestro E, Papis S, Antoniou K, Bouros D, Wells A, Kreuter M, Tzouvelekis A. [Lung cancer in patients with idiopathic pulmonary fibrosis: A retrospective multicentre study in Europe](#). 2023 Jan;28(1):56-65. doi: 10.1111/resp.14363. Epub 2022 Sep 18. PMID: 36117239
- Iachina M, Anru PL, Jakobsen E. [Effects of Demographic and Socio-Economic Factors on Investigation Time of Lung Cancer Patients in Denmark: A Retrospective Cohort Study](#). Health Serv Res Manag Epidemiol. 2023 Oct 24;10:23333928231206627. doi: 10.1177/23333928231206627. eCollection 2023 Jan-Dec. PMID: 37901611 Free PMC article.

Dansk forskningcenter for lungekræft har registret følgende antal publikationer



Dansk forskningcenter for lungekræft har registret følgende publikationer i 2024

- Gouliaev A, Berg J, Khalil AA, Dalton SO, Rasmussen TR, Christensen NL. Factors behind favorable long-term lung cancer survival in Norway compared to Denmark: a retrospective cohort study. *Eur Clin Respir J* [Internet]. 2024 Dec 31;11(1). Available from: <https://www.tandfonline.com/doi/full/10.1080/20018525.2024.2414485>
- Henriksen MB, Hansen TF, Jensen LH, et al. [A collection of multiregistry data on patients at high risk of lung cancer-a Danish retrospective cohort study of nearly 40,000 patients.](#) *Transl Lung Cancer Res.* 2023;12(12):2392-2411. doi:10.21037/tlcr-23-495
- Ebrahimi, A., Henriksen, M.B.H., Brasen, C.L. et al. [Identification of patients' smoking status using an explainable AI approach: a Danish electronic health records case study.](#) *BMC Med Res Methodol* **24**, 114 (2024). <https://doi.org/10.1186/s12874-024-02231-4>
- Issa MA, Clementsen PF, Laursen CB, Vilmann P, Christiansen IS, Crombag L, Bodtger U. [Using the Endoscope for Endobronchial Ultrasound in the Esophagus.](#) *J Vis Exp.* 2023 Nov 21;(201). doi: 10.3791/65741. PMID: 38078614.
- Issa, M. A., Clementsen, P. F., Laursen, C. B., Christiansen, I. S., Crombag, L., Vilmann, P., & Bodtger, U. (2024). [Added value of EUS-B-FNA to bronchoscopy and EBUS-TBNA in diagnosing and staging of lung cancer.](#) *European Clinical Respiratory Journal*, 11(1). <https://doi.org/10.1080/20018525.2024.2362995>
- AG Ording, TD Christensen, F Skjøth, S Noble, AA Højen, AL Mørkved, TB Larsen, RH Petersen, P Meldgaard, E Jakobsen, M Søgaard. [Risk of venous thromboembolism in patients with stage III and IV non-small cell lung cancer: Nationwide descriptive cohort study. Accepted Clinical Lung Cancer 2024.](#)
- AG Ording, F Skjøth, LØ Poulsen, WM Szejniuk, E Jakobsen, TD Christensen, S Noble, TF Overvad. Time toxicity of systemic anticancer therapy for metastatic lung cancer in routine clinical practice: descriptive nationwide cohort study. Submitted *Journal of Clinical Oncology* 2024.
- Gouliaev, A., Ali, F., Jakobsen, E., Dalton, S. O., Hilberg, O., Rasmussen, T. R., & Christensen, N. L. (2024). [The Danish lung cancer registry: A nationwide validation study.](#) *Lung Cancer*, 107527.
- Jørgensen, C. U., Løkke, A. Hjorth, P., Pisinger, C., Farver-Vestergaard, I., (2024) [Barriers to implementation of smoking cessation support among healthcare professionals in the secondary healthcare sector. A qualitative and quantitative evaluation.](#) *Tob. Prev. Cessation* 2024;10(February):12

Dansk Lunge Cancer Register har i 2022 udleveret data eller givet tilladelse til udlevering af data til følgende forskningsprojekter:

- Psychiatric patients with cancer: routes to diagnosis, primary treatment modality and prognosis – *Line Virgilsen, Forskningsenheden for Almen Praksis, Aarhus*
- Prædiktion af individuel prognose ved lunge cancer: Overlevelse fordelt på patologitype og stadie – *Majken Brønserud, Hjerte-, Lunge- og Karkirurgisk afd., Odense Universitetshospital*
- Patterns of care and oncological outcomes for the treatment of stage I-IV non-small cell lung carcinoma patients in Denmark from 2012-2021 – *Michael Stenger, Hjerte-, Lunge- og Karkirurgisk afd., Odense Universitetshospital*
- Epigenetics in Precision Screening for Lung Cancer – *Sune Møller Skov-Jeppesen, Klinisk Biokemisk afd. Herlev Hospital*
- The clinical potential of artificial intelligence in early detection of lung cancer – TILLÆGSANSØGNING – *Margrethe Bang Henriksen, Onkologisk afd., Vejle Sygehus*
- Patients diagnosed with lung cancer – work connection and individual economic consequences – *Margrethe Bang Henriksen, Onkologisk afd., Vejle Sygehus*
- Long-term survival and surgical treatment of lung cancer in Europe – an international registry study (LUCAEUROPE) – *Niels Lyhne Christensen, Lungemedicinsk afd. Aarhus Universitetshospital*

Evaluering af Dansk forskningscenter for lungekræft

Full-term evaluation of the Danish Research Center for Lung Cancer

November 2024



Proces

- Udarbejdelse af 40 siders selvevalueringssrapport aflevering i august
- Supplerede spørgsmål primo september 6 sider
- Oversættelse af 30 siders årsrapport til engelsk
- Oversættelse af visionskonference rapport til engelsk
- Én dags præsentation og dialog hos KB ultimo oktober
 - Præsentation af selvevaluering
 - Kommentarer og spørgsmål fra 3 internationale eksperter
 - Fremlæggelse af 4 projekter
 - Kommentarer og spørgsmål fra KB
- Modtagelse af rapport medio november med mulighed for svar
- 30 min dialogmøde 25/11
- Medio december modtagelse af skrift fra KB til offentliggørelse

Intl experts

The center described 10 projects in its application, and has during the funding period initiated several additional projects (AP1-16). While appreciating the diversity and originality of the efforts, the center could consider a more focused approach rather than spreading (and diluting) resources across a large number of projects. This could increase the basic resources, and subsequently the overall impact and relevance of the very best research projects.

We realized fruitful connectivity between research projects and local centers. However, this connection could be made more visible by acting and communicating as a synergistic network of 12 research sites. Precising the level of activity and contribution of each site could provide another level of accountability and motivation for joint action, which might require strategic measures. In addition, we recommend that the successful initial establishment of this network of lung cancer research sites funded by the Danish Cancer Society, should be maintained and further developed. The team approach of the Lung

Intl experts

Finally, we suggest adopting a more outward-looking approach toward potential international collaborations as well. The center's high-quality biomaterial collections in connection with the Danish Lung Cancer data base are unique resources for collaborative projects with international partners from academia and health industry, who could potentially contribute with their expertise and techniques to joint project of high international impact.

Intl experts

The center has successfully established a national collaboration and developed a network for lung cancer research. The management team includes representatives from all regions and appears to be multidisciplinary.

The national meetings, open to all interested in lung cancer research, have been very valuable for fostering collaboration and have engaged many young researchers. We recommend continuing these meetings using the remaining or new funding in the coming years.

Concluding comments from the Evaluation Committee

- The Danish Research Center for Lung Cancer has succeeded in establishing and strengthening the national collaboration in lung cancer research e.g. by ensuring national representation in the board of directors, including diagnostic and treatment departments across the country in studies, and ensuring interdisciplinarity of the principal investigators and researchers.
- Also, the center has succeeded in developing an arena and culture beneficial for the inclusion and engagement of younger researchers.

Concluding comments from the Evaluation Committee

- The collaboration and strong connection between the research center, the DLCG and the DLCR compose an essential framework for the integration of research findings into clinical practice.
- The comprehensiveness of projects reflecting all stages of the lung cancer trajectory, from diagnostics to treatment and palliation holds a great potential regarding impact in clinical care. Also, we commend the center for the parallel project in relation to SKS codes on smoking cessation, and the participation in the pilot study on screening for lung cancer.
- A small part of the DCS funding is still left, which is estimated to cover a continuation of the center secretariat for 5 more years. This requires though an approval from the DCS

Konklusion

- Vi laver mere forskning i lungekræft end for 5 år siden
 - Vi mangler at vurdere impact
- Vi har fået ét netværk for tættere samarbejde
 - MDT
 - Forskning
- Forskningscentret er blevet evalueret
 - Evalueringen var overordnet positiv
 - Vi forventer at videreføre sekretariatet og driften i mindst 5 år
- Vi har haft visionskonference med nye mål (50% 5 årsoverlevelse inden 2030)