DTU RAP: Manual for Researchers and Units Modules

Contents

Link to DTU RAP: http://rap.adm.dtu.dk

Select "Log in using CAS" and use your DTU Inside login. The first time you log in, you will be asked to enter your name and email address.

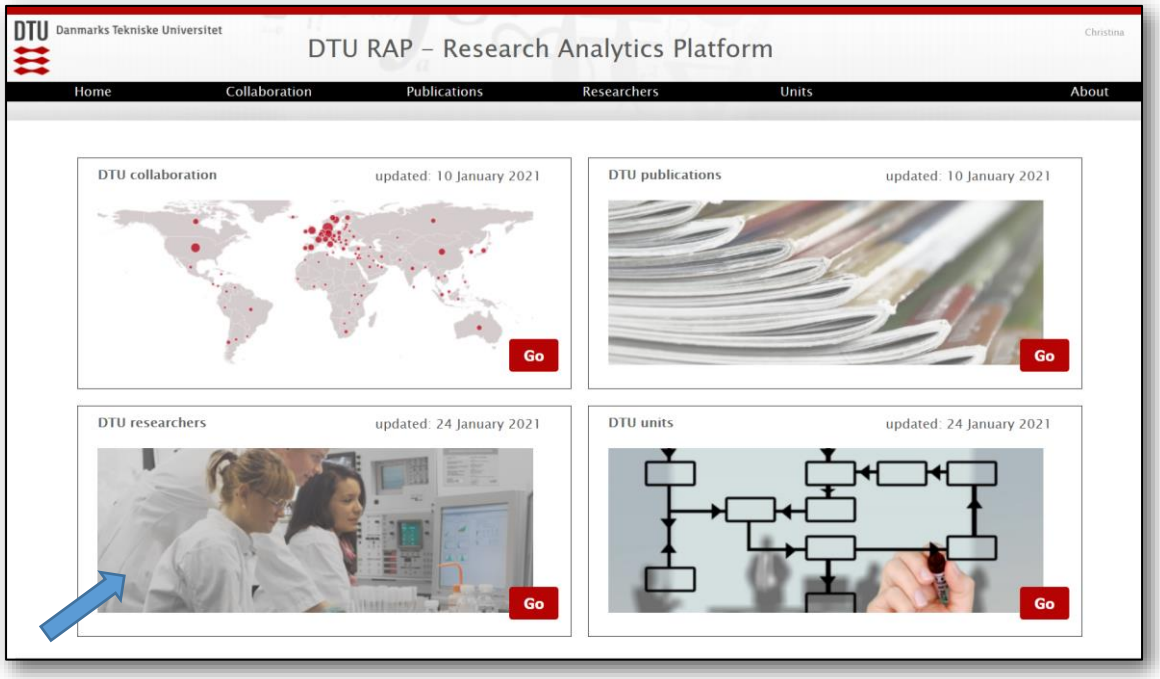
1. Researchers Module

The Researchers Module of DTU RAP includes researcher profiles for researchers affiliated to DTU based on publications found via their ORCIDs and ResearcherIDs in Web of Science.

The main purpose of the module is to provide DTU's researchers with an overview of their research output and impact based on publications and citations found in Web of Science.

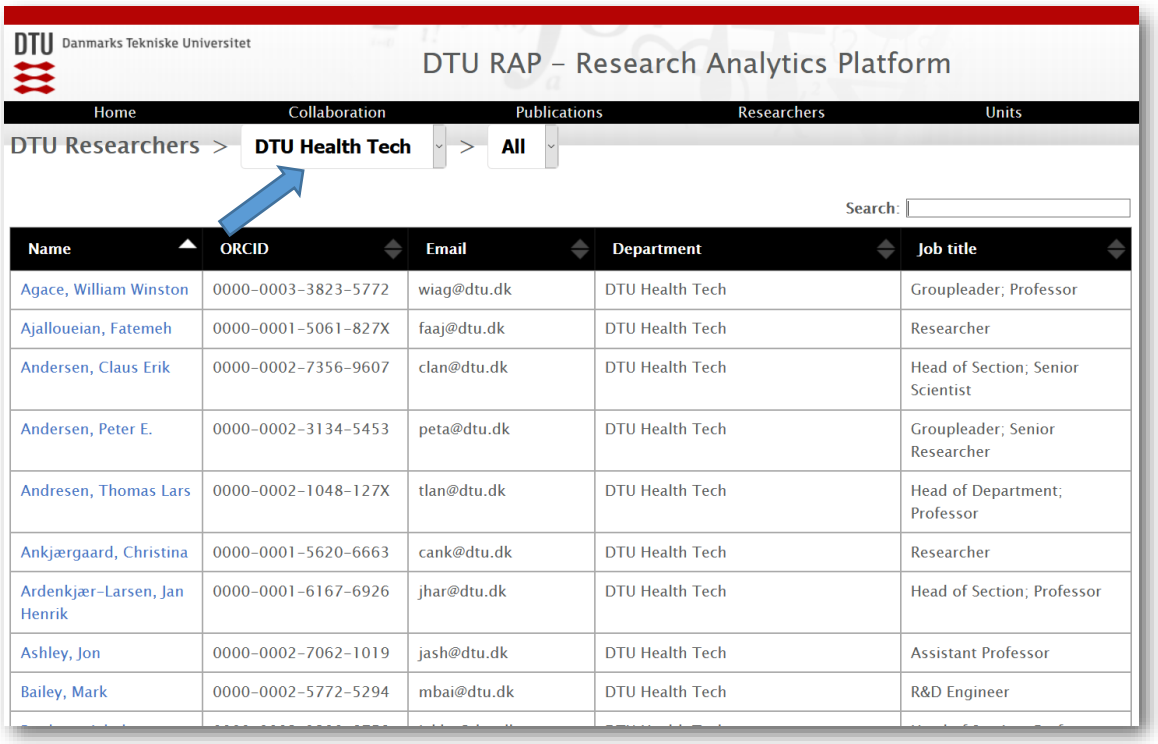
1.1. How to Find Data and Publications for a Researcher

1. On the RAP homepage, click on "DTU researchers".



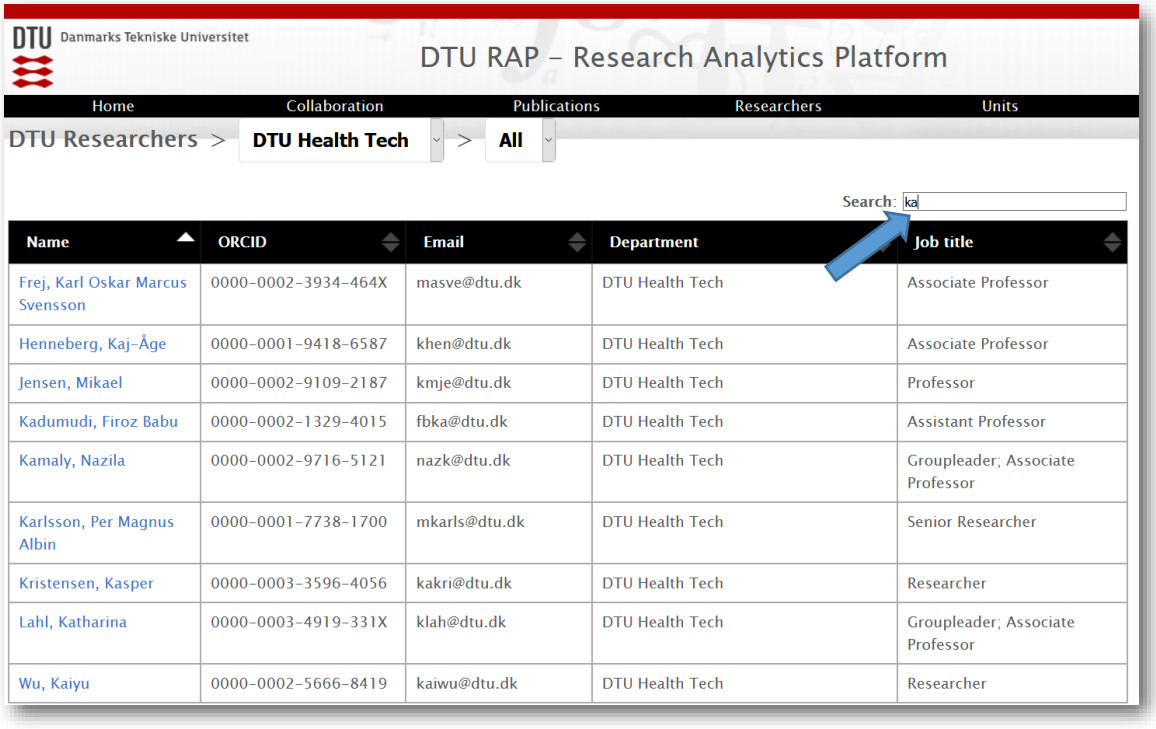
2. On the researcher homepage, you have two options.

Option 1: You can get a list of all researchers from a specific department.



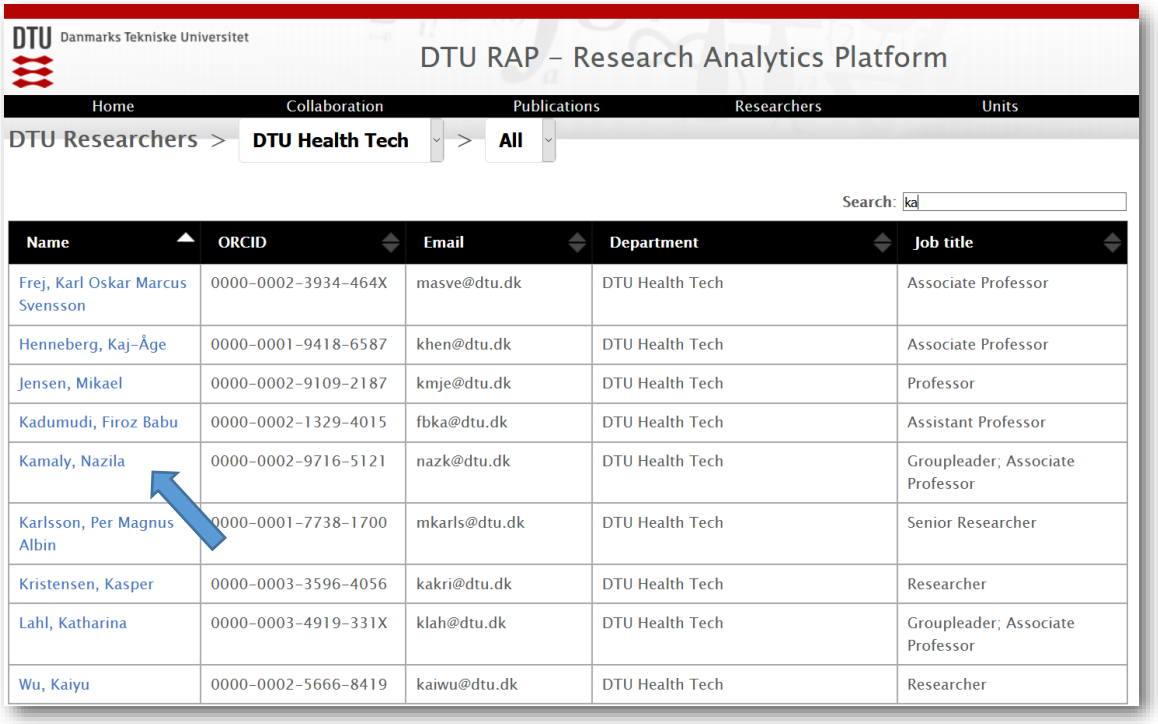
Name	ORCID	Email	Department	Job title
Agace, William Winston	0000-0003-3823-5772	wiag@dtu.dk	DTU Health Tech	Groupleader; Professor
Ajalloueian, Fatemeh	0000-0001-5061-827X	faaj@dtu.dk	DTU Health Tech	Researcher
Andersen, Claus Erik	0000-0002-7356-9607	clan@dtu.dk	DTU Health Tech	Head of Section; Senior Scientist
Andersen, Peter E.	0000-0002-3134-5453	peta@dtu.dk	DTU Health Tech	Groupleader; Senior Researcher
Andresen, Thomas Lars	0000-0002-1048-127X	tlan@dtu.dk	DTU Health Tech	Head of Department; Professor
Ankjærgaard, Christina	0000-0001-5620-6663	cank@dtu.dk	DTU Health Tech	Researcher
Ardenkjær-Larsen, Jan Henrik	0000-0001-6167-6926	jhar@dtu.dk	DTU Health Tech	Head of Section; Professor
Ashley, Jon	0000-0002-7062-1019	jash@dtu.dk	DTU Health Tech	Assistant Professor
Bailey, Mark	0000-0002-5772-5294	mbai@dtu.dk	DTU Health Tech	R&D Engineer

Option 2: You can search for a specific researcher.



Name	ORCID	Email	Department	Job title
Frej, Karl Oskar Marcus Svensson	0000-0002-3934-464X	masve@dtu.dk	DTU Health Tech	Associate Professor
Henneberg, Kaj-Åge	0000-0001-9418-6587	khen@dtu.dk	DTU Health Tech	Associate Professor
Jensen, Mikael	0000-0002-9109-2187	kmje@dtu.dk	DTU Health Tech	Professor
Kadumudi, Firoz Babu	0000-0002-1329-4015	fbka@dtu.dk	DTU Health Tech	Assistant Professor
Kamaly, Nazila	0000-0002-9716-5121	nazk@dtu.dk	DTU Health Tech	Groupleader; Associate Professor
Karlsson, Per Magnus Albin	0000-0001-7738-1700	mkarls@dtu.dk	DTU Health Tech	Senior Researcher
Kristensen, Kasper	0000-0003-3596-4056	kakri@dtu.dk	DTU Health Tech	Researcher
Lahl, Katharina	0000-0003-4919-331X	klah@dtu.dk	DTU Health Tech	Groupleader; Associate Professor
Wu, Kaiyu	0000-0002-5666-8419	kaiwu@dtu.dk	DTU Health Tech	Researcher

3. Click on the researcher.

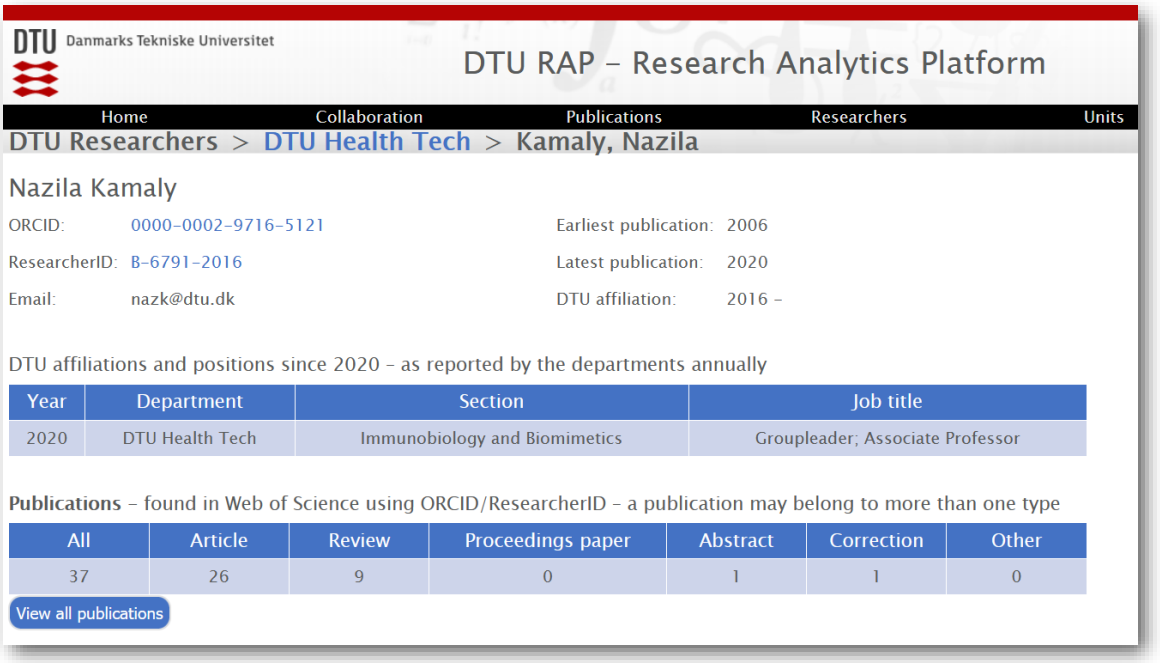


Name	ORCID	Email	Department	Job title
Frej, Karl Oskar Marcus Svensson	0000-0002-3934-464X	masve@dtu.dk	DTU Health Tech	Associate Professor
Henneberg, Kaj-Åge	0000-0001-9418-6587	khen@dtu.dk	DTU Health Tech	Associate Professor
Jensen, Mikael	0000-0002-9109-2187	kmje@dtu.dk	DTU Health Tech	Professor
Kadumudi, Firoz Babu	0000-0002-1329-4015	fbka@dtu.dk	DTU Health Tech	Assistant Professor
Kamaly, Nazila	0000-0002-9716-5121	nazk@dtu.dk	DTU Health Tech	Groupleader; Associate Professor
Karlsson, Per Magnus Albin	0000-0001-7738-1700	mkarls@dtu.dk	DTU Health Tech	Senior Researcher
Kristensen, Kasper	0000-0003-3596-4056	kakri@dtu.dk	DTU Health Tech	Researcher
Lahl, Katharina	0000-0003-4919-331X	klah@dtu.dk	DTU Health Tech	Groupleader; Associate Professor
Wu, Kaiyu	0000-0002-5666-8419	kaiwu@dtu.dk	DTU Health Tech	Researcher

You will be directed to the researcher's profile page.

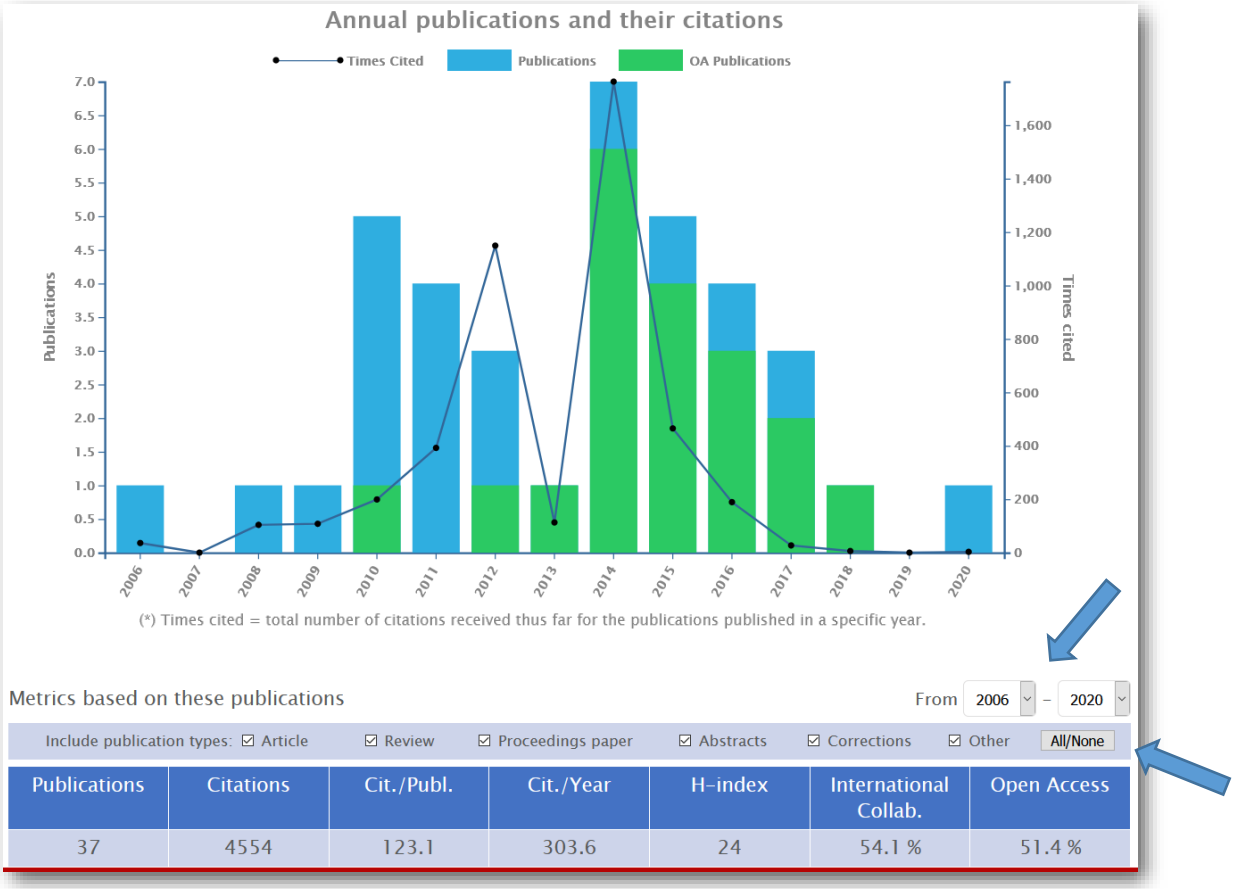
The first part of the page includes:

- Master data for the researcher: Name, ORCID, ResearcherID, email, year of earliest/latest publication retrieved from Web of Science, start year of DTU affiliation, PhD year.
- DTU affiliations and positions since 2020. The information is updated annually by the departments.
- Statistics on Web of Science publications: Retrieved using ORCID and ResearcherID. The numbers are provided per publication type.
- A link to the researcher's publications.

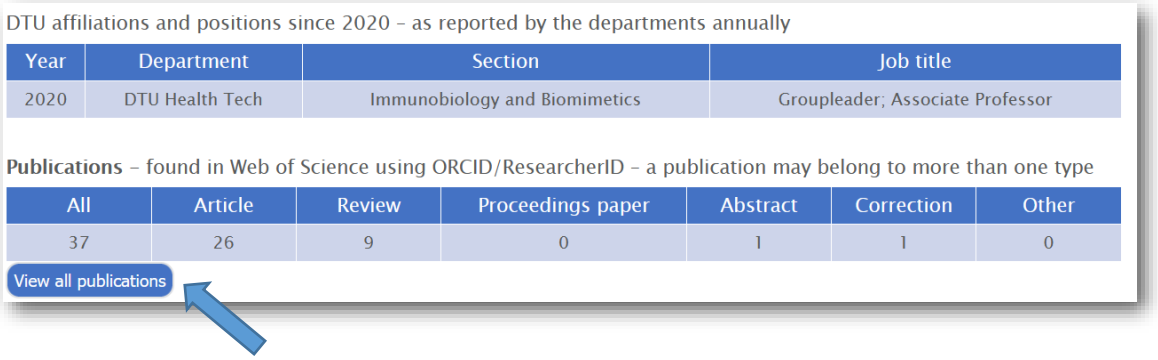


The second part of the page includes:

- Publications and citations per year: Graph of the annual number of publications and citations.
- Metrics based on these publications. You may set the publication timespan and filter for publication types.

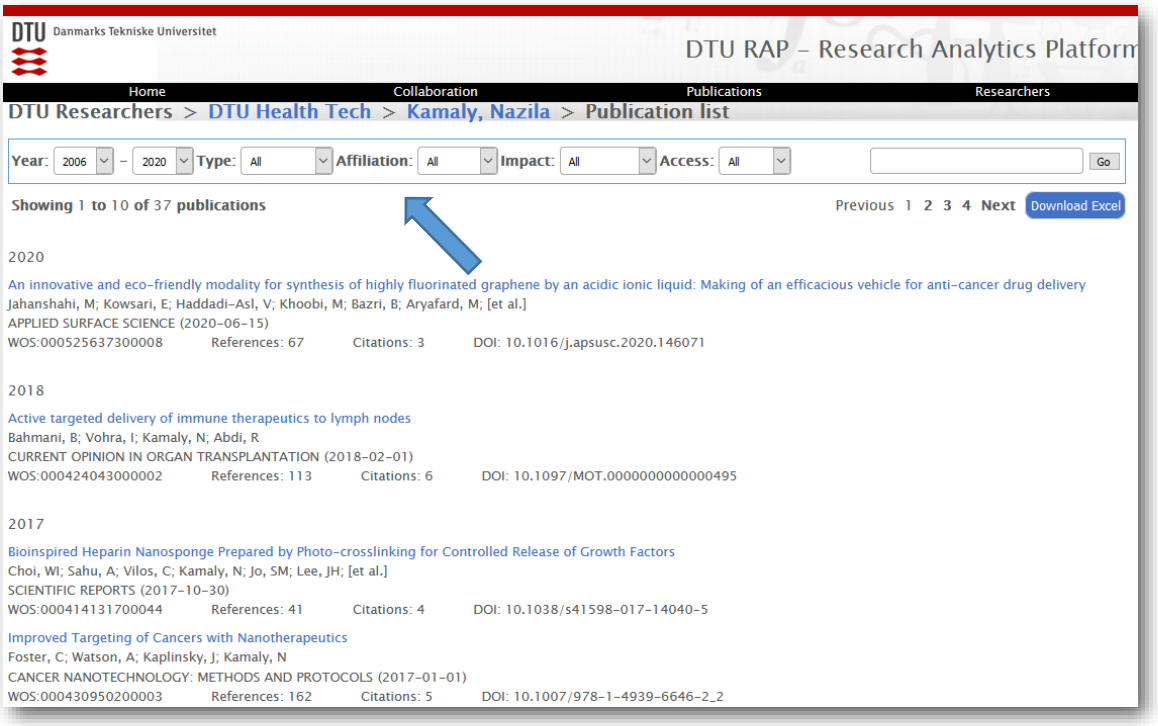


4. To get a publication list for the researcher, click on "View all publications".

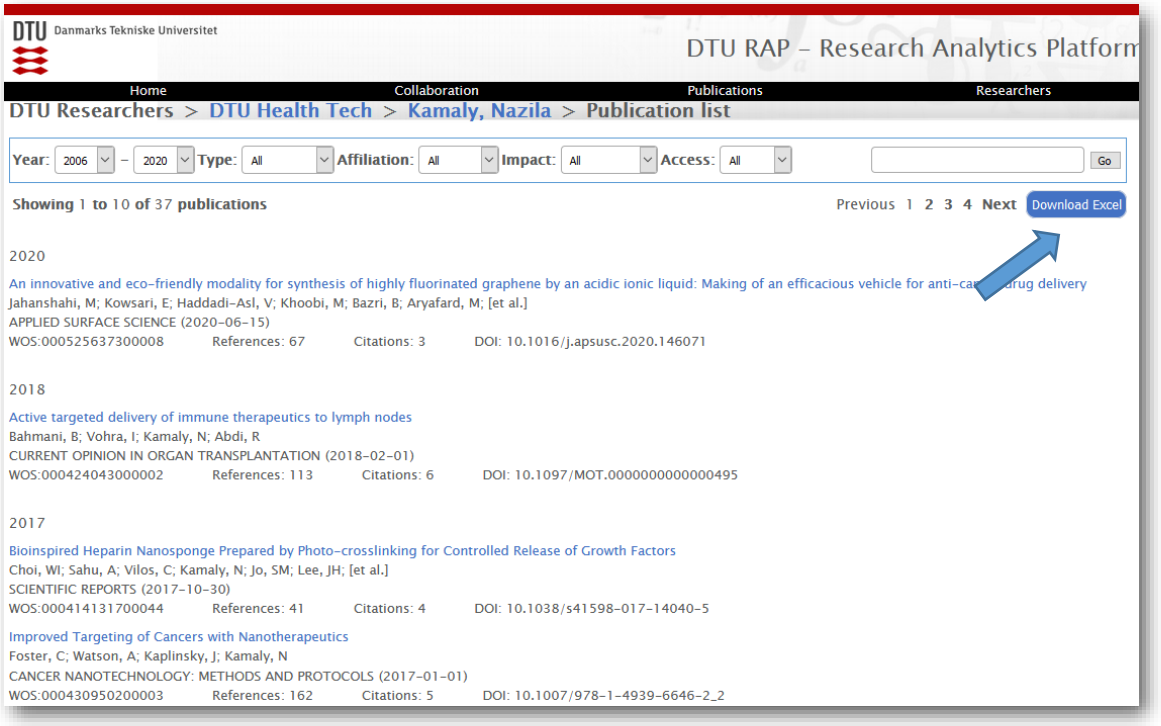


You will be directed to the publication list for the researcher.

The publication list offers different filters: Year, publication type, affiliation, impact, and access.



5. To get a publication list in Excel, click on "Download Excel".



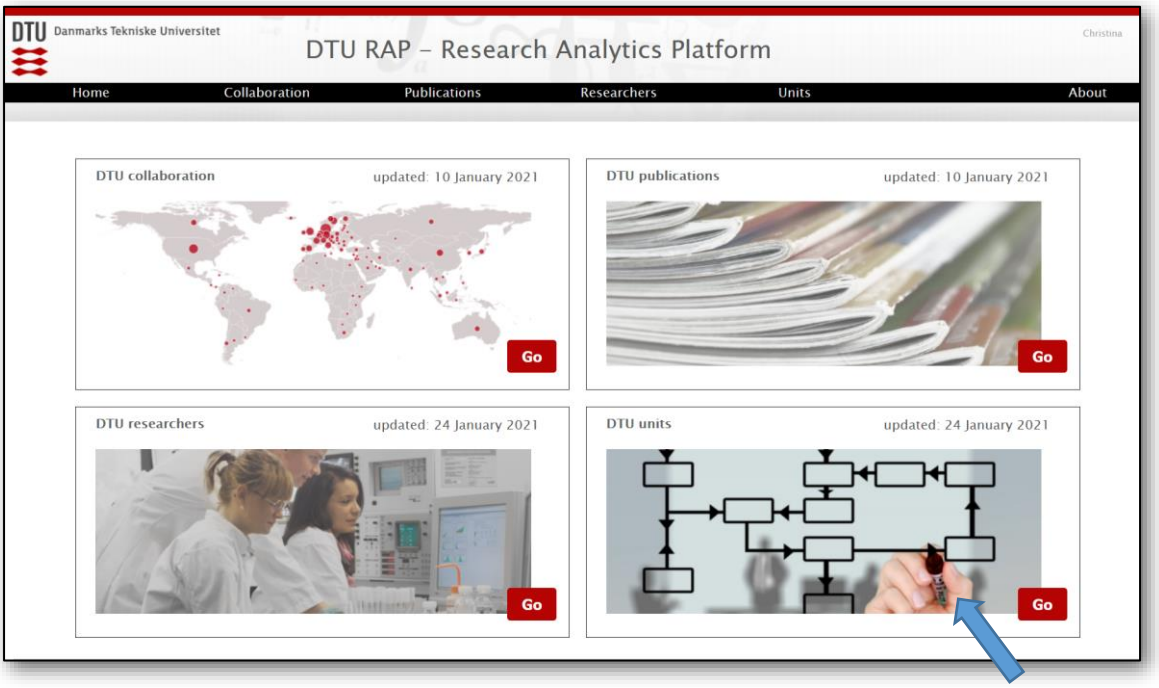
An Excel file including a publication list for the researcher will open (based on the selected filters).

2. Units Module

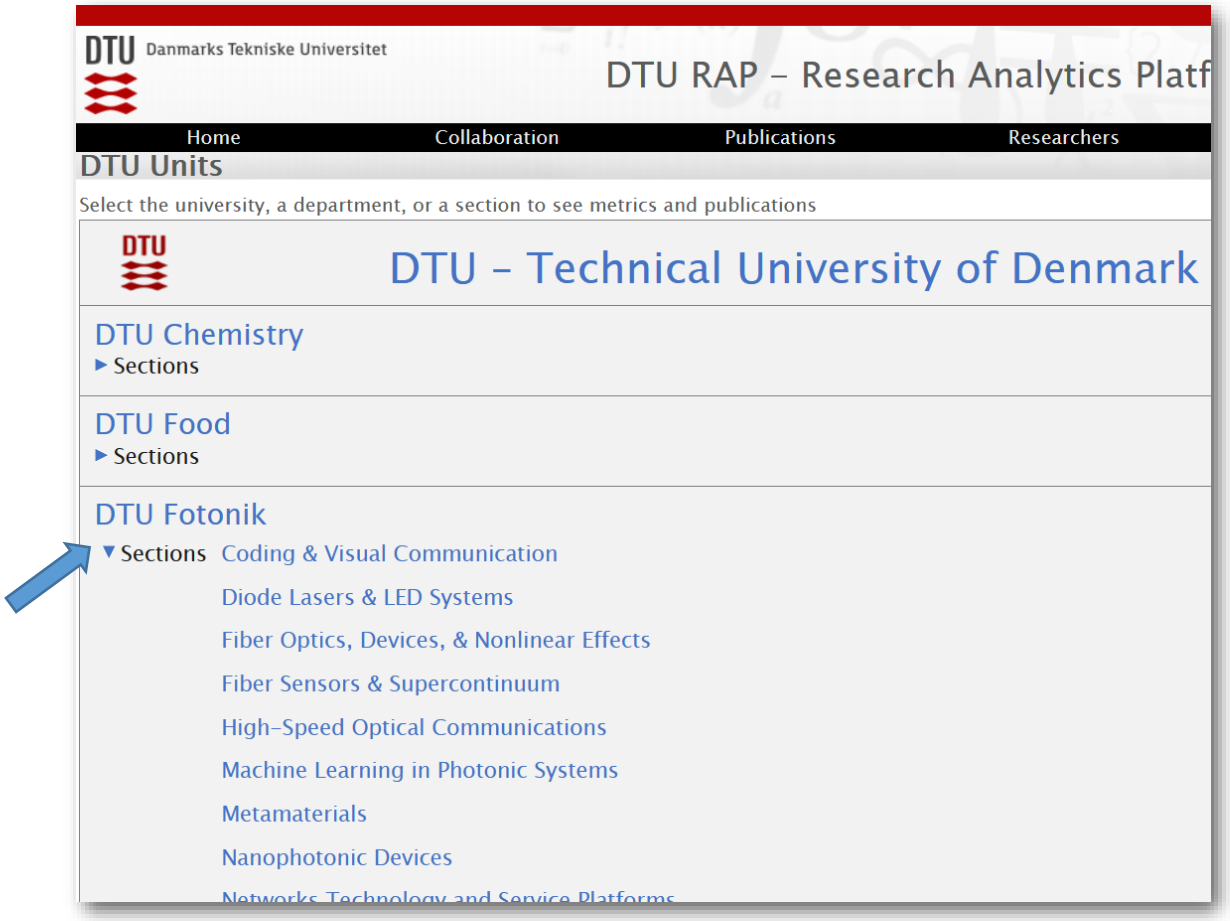
The Units Module includes the different units within DTU distributed by university, department, and section. The primary aim of the module is to support evaluation and assessment of the university's departments and sections.

2.1. How to Find Data and Publications for a Department or Section

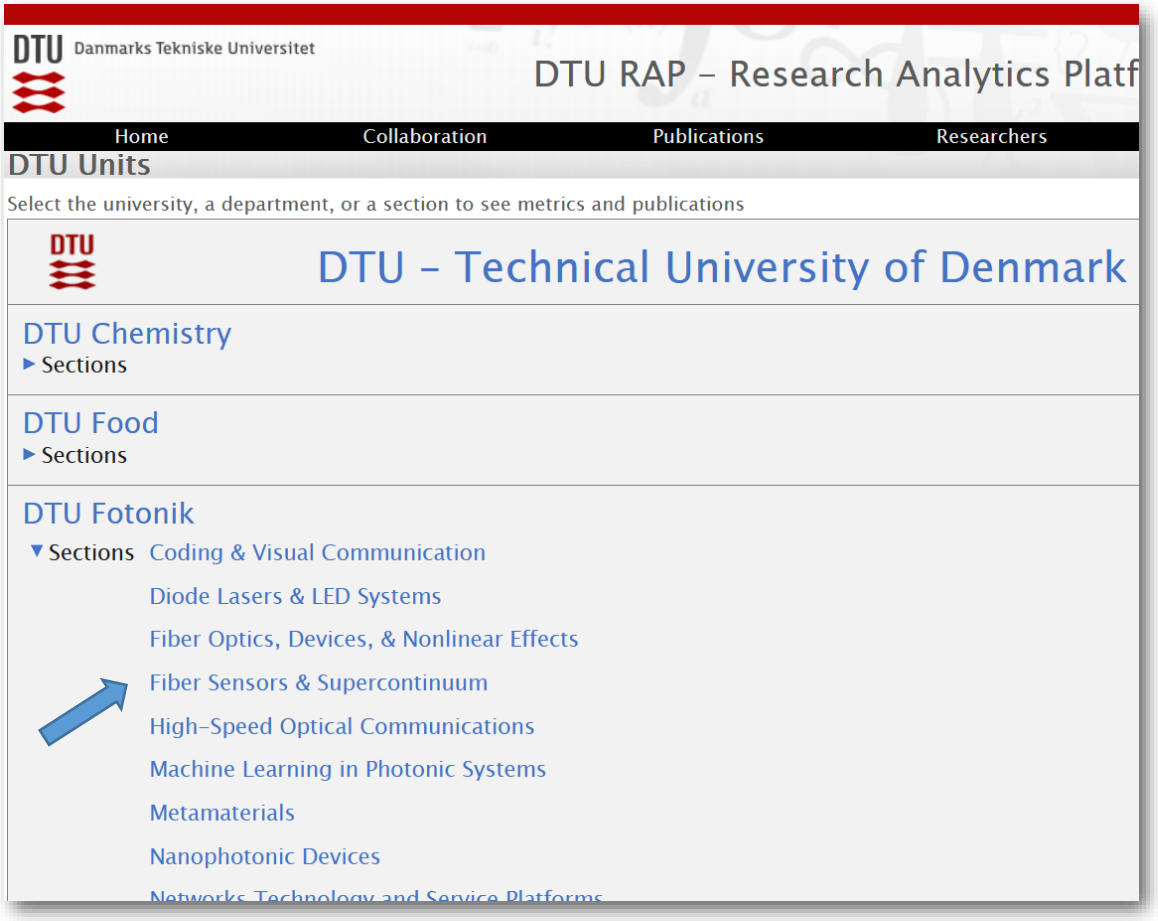
1. On the RAP homepage, click on "DTU units".



2. On the unit homepage, click on the arrow for the relevant department to expand the list of sections.



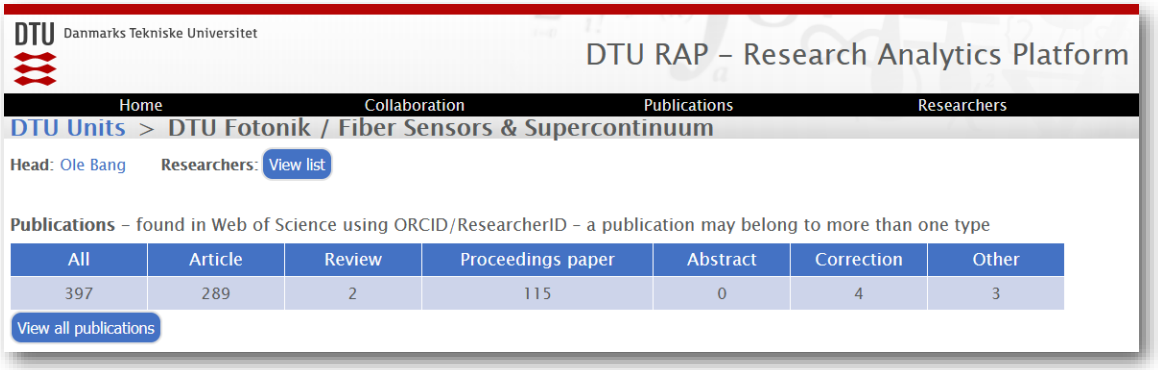
3. Click on the section.



You will be directed to the section's profile page.

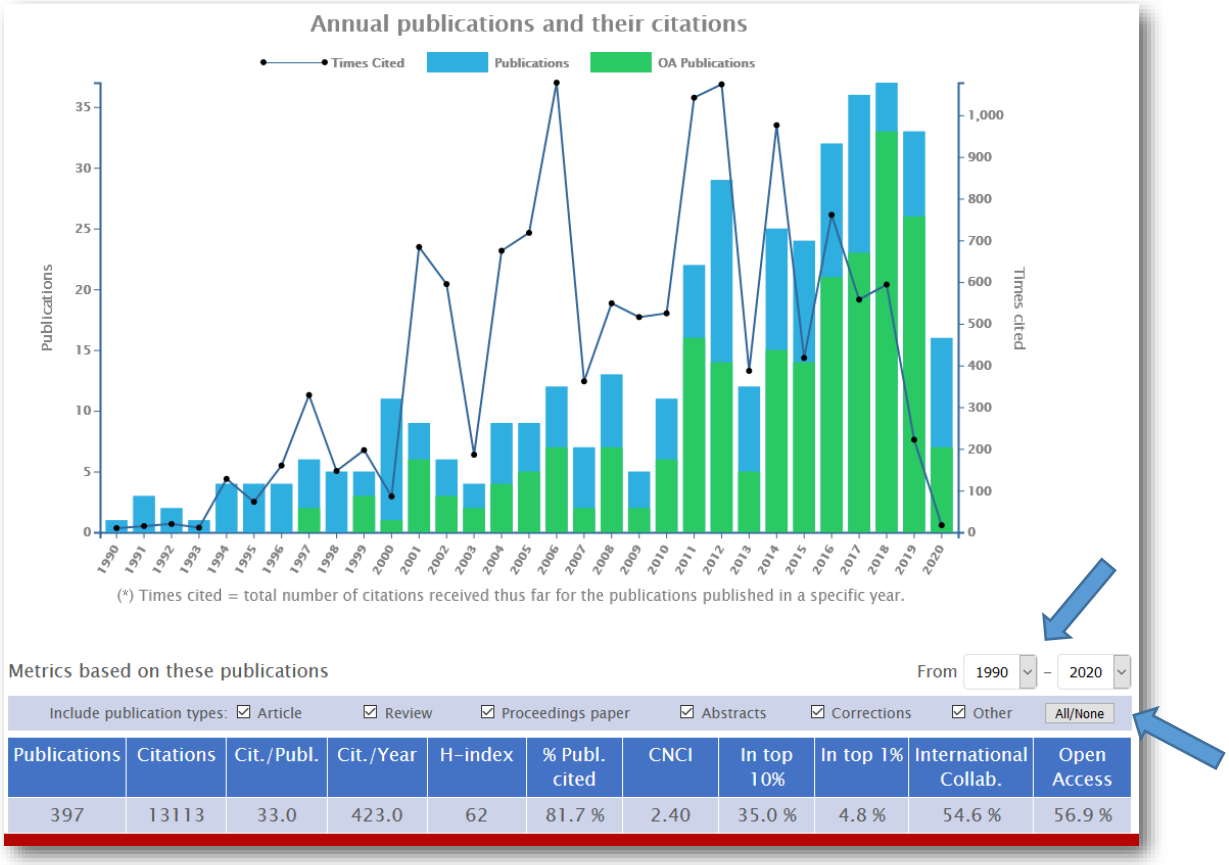
The first part of the page includes:

- Information on the Head of Section and a link to the section's researchers.
- Statistics on Web of Science publications for the section: Retrieved using ORCIDs and ResearcherIDs. The numbers are provided per publication type.
- A link to the section's publications.

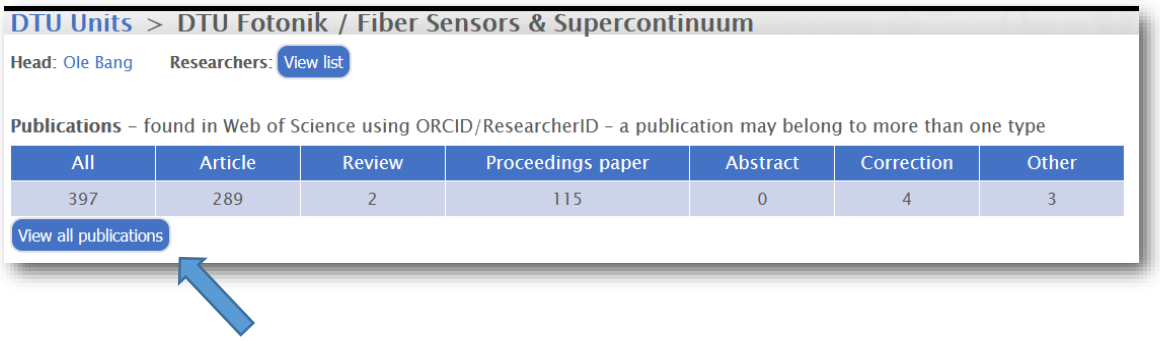


The second part of the page includes:

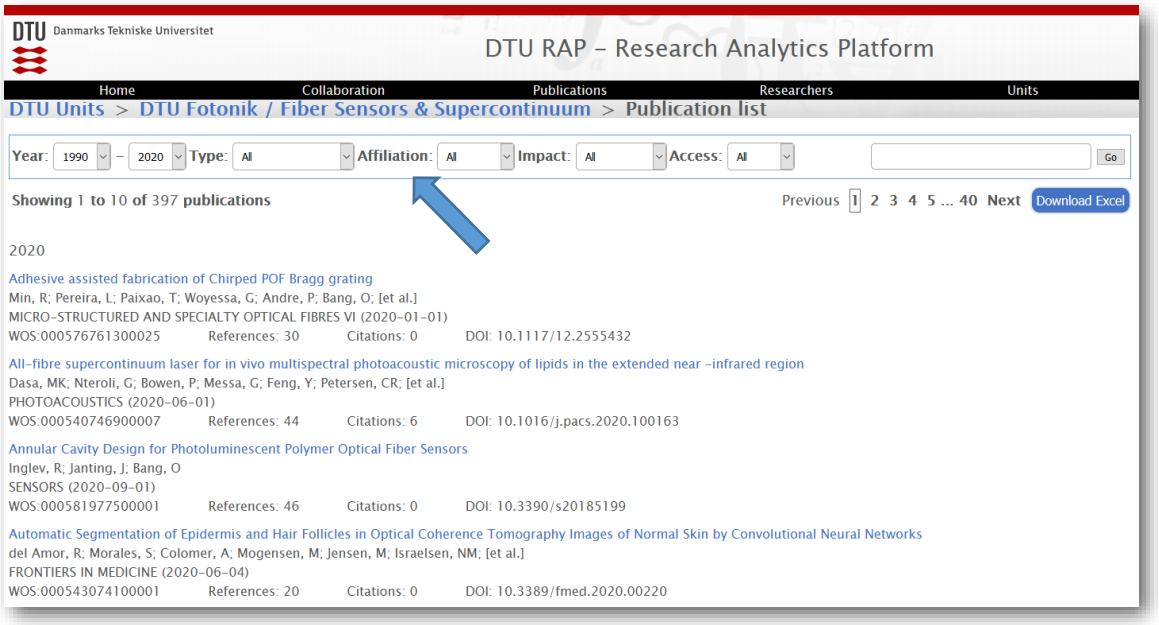
- Publications and citations per year: Graph of the annual number of publications and citations.
- Metrics based on these publications. You may set the publication timespan and filter for publication types.



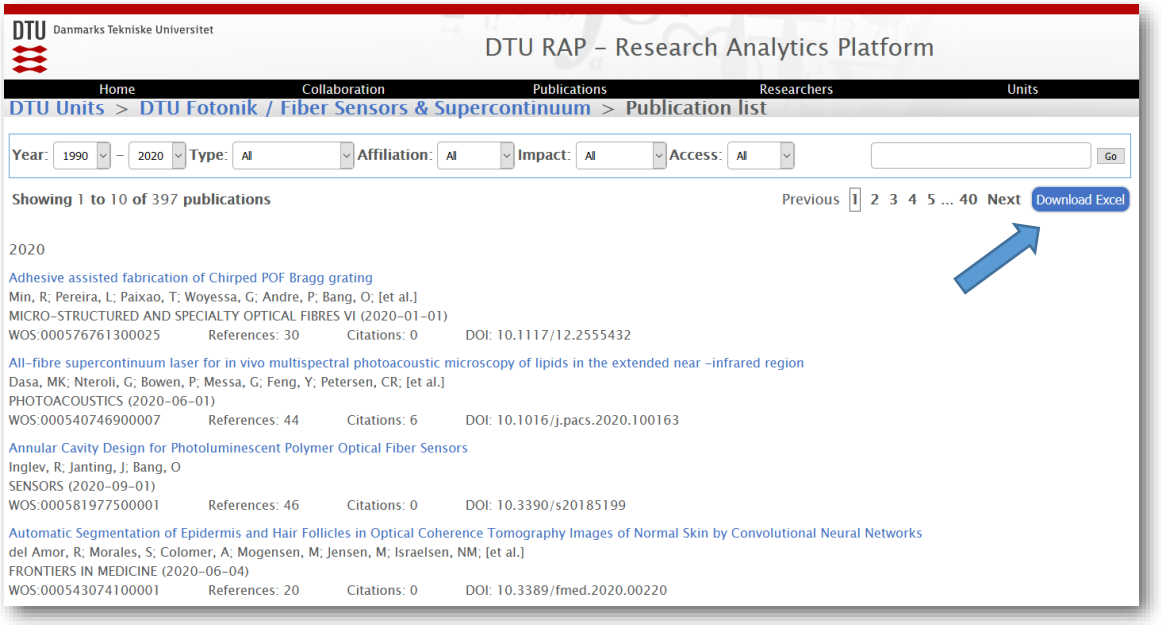
4. To get a publication list for the section, click on "View all publications".



You will be directed to the publication list for the section. The list of publications offers different filters: Year, publication type, affiliation, impact, access.



5. To get a publication list in Excel, click on "Download Excel".



An Excel file including a publication list for the section will open (based on the selected filters).

3. Indicators for Research Evaluations

3.1. Indicators for Heads of Sections

Indicators for the Heads of Sections for the research evaluations should cover all years and the publication types chosen by the department. The following indicators should be copied from the researcher's profile page to the Publication Impact spreadsheet:

- Earliest publication ("Year of First WoS Publication" in the spreadsheet)
- Publications ("Total WoS Publications" in the spreadsheet)
- Citations ("Total Citations" in the spreadsheet)
- Cit./Publ. ("Simple Citation Impact" in the spreadsheet): Use 1 digit
- h-index

Publication Impact: Heads of Sections
Full Publication Career in Web of Science Core Collection (WoS)
Publication types included: [A, B, C]

Section	Head of Section	Head of Section since	Year of First WoS Publication	Total WoS Publications	Total Citations	Simple Citation Impact	h-index
Section A	Prof. A						
Section B	Prof. B						
Section C	Prof. C						
Section D	Prof. D						
Section E	Prof. E						
Section F	Prof. F						
Section G	Prof. G						
Section H	Prof. H						

Source: *Web of Science Core Collection* by Clarivate Analytics. Data delivered by DTU Research Analytics Platform.

3.2. Indicators for Department and Sections

Indicators for the department and sections for the research evaluations should cover the most recent complete five-year period and the publication types chosen by the department. The following indicators should be copied from the department's/section's profile page to the Publication Impact spreadsheet:

- Number of researchers in "View list" ("Scientific Staff Included" in the spreadsheet)
- Publications ("WoS Publications 2016-2020" in the spreadsheet)
- Citations ("Citation 2016-[date]" in the spreadsheet)
- Cit./Publ. ("Simple Citation Impact" in the spreadsheet): Use 1 digit
- CNCI ("Normalised Citation Impact" in the spreadsheet): Use 2 digits
- In top 10% ("Publications in Top 10% (Proportion) in the spreadsheet): Use 1 digit
- In top 1% ("Publications in Top 1% (Proportion)) in the spreadsheet: Use 1 digit

Publication Impact: Department and Sections
Publications 2016-2020 in Web of Science Core Collection (WoS)
Publication types included: [A, B, C]

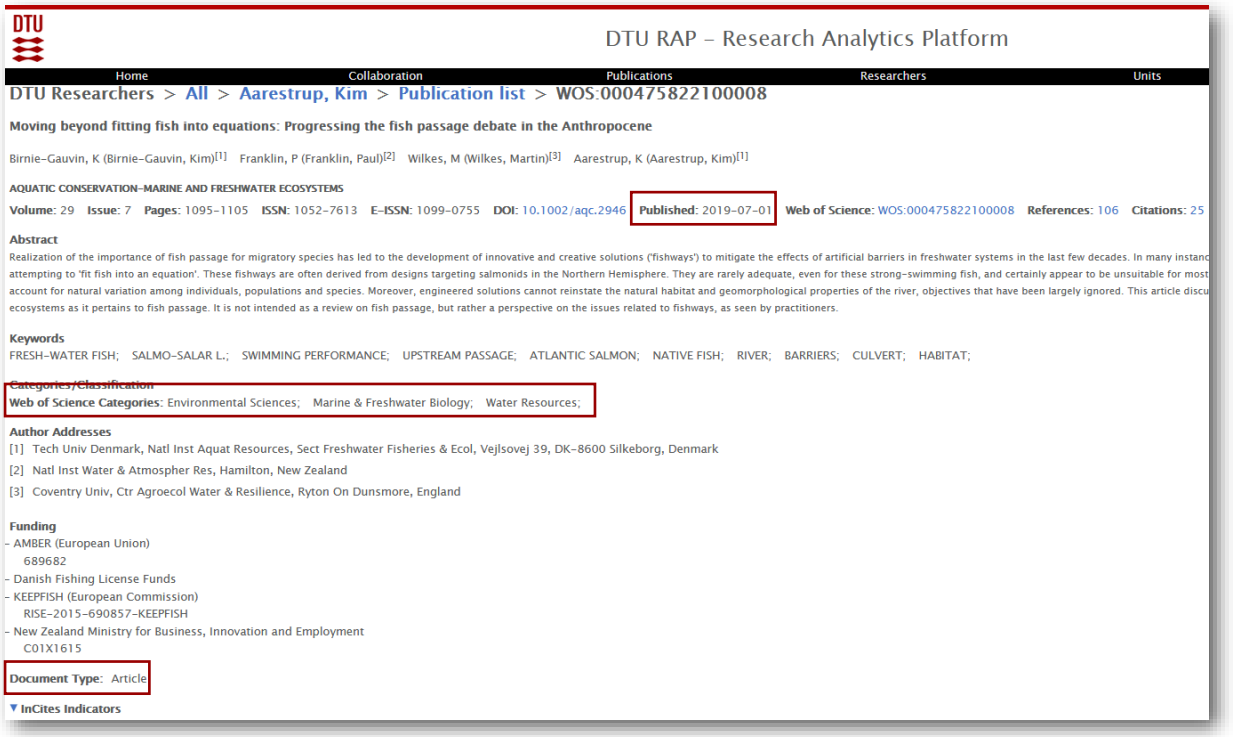
Department/ Section	Scientific Staff Included	WoS Publications 2016-2020	Citations 2016-[date]	Simple Citation Impact	Normalised Citation Impact	Publications in Top 10% (Proportion)	Publications in Top 1% (Proportion)
Department X							
Section A							N/A
Section B							N/A
Section C							N/A
Section D							N/A
Section E							N/A
Section F							N/A
Section G							N/A
Section H							N/A

Source: *Web of Science Core Collection* and *InCites* by Clarivate Analytics. Data delivered by DTU Research Analytics Platform.

4. Detailed Data and Indicators for a Publication

From the publication list of a researcher or a section (see pages 6 and 12), it is possible to go to the publication record by clicking on the title of the publication.

The first part of the publication record includes data from Web of Science e.g. title, authors, publication year, publication type, Web of Science subject categories.

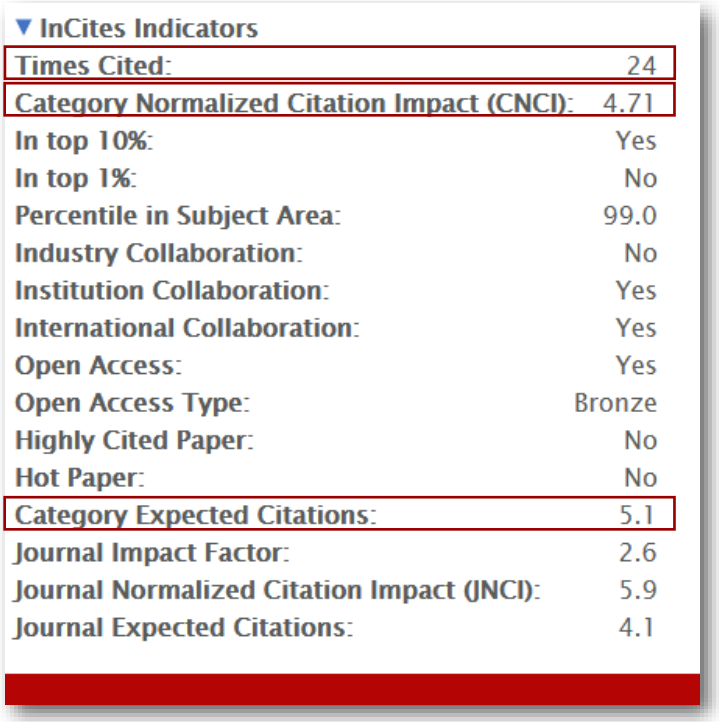


The second part of the publication record includes publication level indicators from InCites. InCites is a research analytics tool based on data from Web of Science. InCites offers more indicators than Web of Science including a number of indicators that are normalized for subject, year, and publication type.

More information on indicators from InCites can be found here:

Short description in DTU RAP

Detailed description in InCites Indicators Handbook



InCites Indicators	
Times Cited:	24
Category Normalized Citation Impact (CNCI):	4.71
In top 10%:	Yes
In top 1%:	No
Percentile in Subject Area:	99.0
Industry Collaboration:	No
Institution Collaboration:	Yes
International Collaboration:	Yes
Open Access:	Yes
Open Access Type:	Bronze
Highly Cited Paper:	No
Hot Paper:	No
Category Expected Citations:	5.1
Journal Impact Factor:	2.6
Journal Normalized Citation Impact (JNCI):	5.9
Journal Expected Citations:	4.1

4.1. Example of How an Indicator is Calculated in InCites: Category Normalized Citation Impact (CNCI)

CNCI is the citation impact (citations per publication) normalized for subject, year, and publication type. Values above 1.0 are considered above average, and values below 1.0 are considered below average. To calculate the CNCI, the actual number of citations are divided by the expected number of citations.

To illustrate how the CNCI is calculated in InCites, the publication above is used as an example. The publication is from 2019, it is an article, and it belongs in the following Web of Science subject categories: Environmental Sciences, Marine & Freshwater Biology, and Water Resources. A publication from that specific year, of that specific publication type, and in those specific subject categories has an average citation count (Category Expected Citations) of 5.1. The actual citation count (Times Cited) for the publication is 24, which is 4.71 times more than the expected citations. Hence, the CNCI for the publication is 4.71. The CNCI of a section is the average of the CNCI values for all the publications of the section.