

DTU RAP: Manual for Researchers and Units Modules

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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.

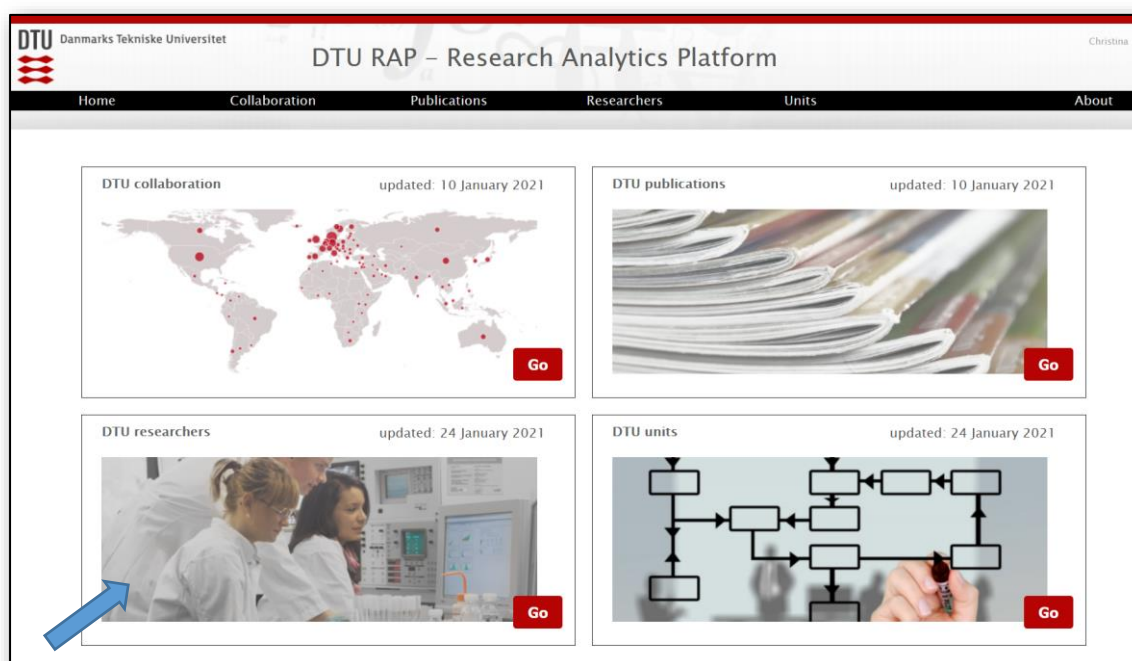
1. Researchers Module

The Researchers Module of DTU RAP includes researcher profiles for researchers affiliated to DTU based on publications found via their ORCID IDs 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.

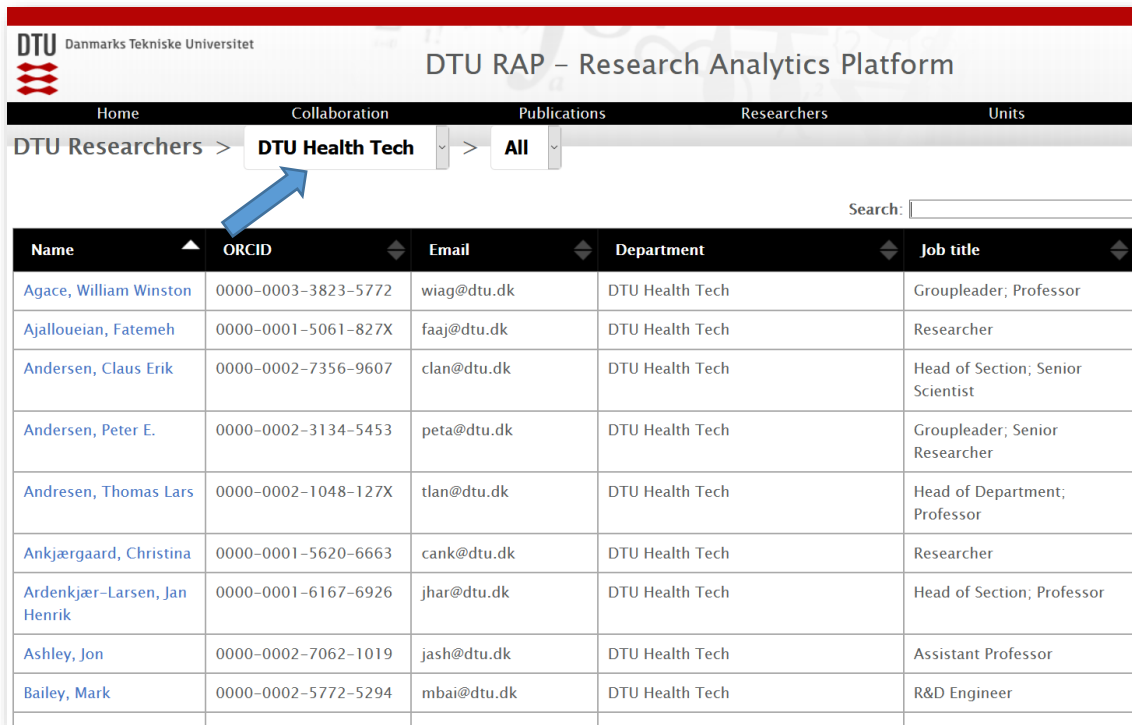
1.1. How to Find Data and Publications for a Researcher

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



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

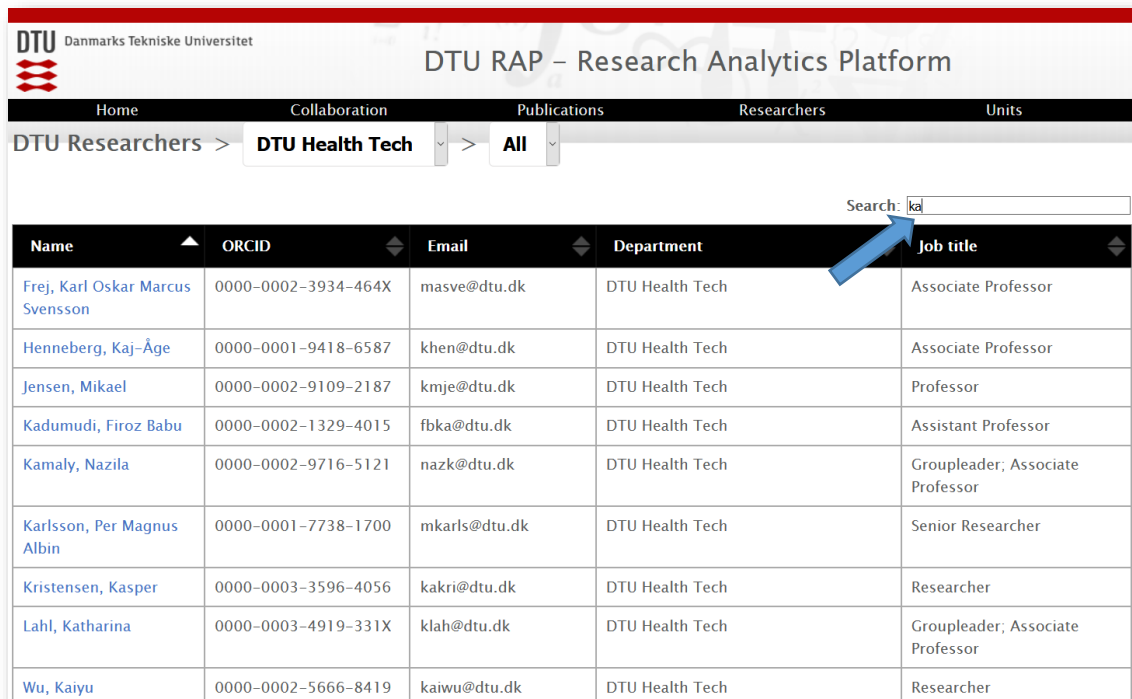
Option 1: You can get a list of all researchers from a specific department.



The screenshot shows the DTU RAP – Research Analytics Platform interface. The top navigation bar includes Home, Collaboration, Publications, Researchers, and Units. Below this, a breadcrumb trail shows 'DTU Researchers > DTU Health Tech > All'. A blue arrow points to the 'DTU Health Tech' dropdown menu. A search bar is located to the right of the breadcrumb trail. Below the search bar is a table with the following columns: Name, ORCID, Email, Department, and Job title. The table lists 10 researchers from DTU Health Tech.

Name	ORCID	Email	Department	Job title
Agace, William Winston	0000-0003-3823-5772	wiag@dtu.dk	DTU Health Tech	Groupleader; Professor
Ajalloueiian, 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.



The screenshot shows the DTU RAP – Research Analytics Platform interface. The top navigation bar includes Home, Collaboration, Publications, Researchers, and Units. Below this, a breadcrumb trail shows 'DTU Researchers > DTU Health Tech > All'. A search bar is located to the right of the breadcrumb trail. A blue arrow points to the search bar, which contains the text 'ka'. Below the search bar is a table with the following columns: Name, ORCID, Email, Department, and Job title. The table lists 10 researchers from DTU Health Tech.

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.

DTU Danmarks Tekniske Universitet					
DTU RAP – Research Analytics Platform					
Home Collaboration Publications Researchers Units					
DTU Researchers > DTU Health Tech > All					
Search: <input type="text" value="ka"/>					
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.
- 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 screenshot displays the DTU RAP – Research Analytics Platform interface. At the top, the DTU logo and name are on the left, and the platform title is on the right. A navigation bar includes links for Home, Collaboration, Publications, Researchers, and Units. The breadcrumb trail shows the path: DTU Researchers > DTU Health Tech > Kamaly, Nazila. The profile for Nazila Kamaly is shown, including her ORCID (0000-0002-9716-5121), ResearcherID (B-6791-2016), email (nazk@dtu.dk), and publication statistics (Earliest: 2006, Latest: 2020, DTU affiliation: 2016 –). Below this, a table lists her DTU affiliations and positions since 2020. Finally, a section for publications shows a breakdown by type: All (37), Article (26), Review (9), Proceedings paper (0), Abstract (1), Correction (1), and Other (0). A button labeled 'View all publications' is located at the bottom left of the publication statistics section.

DTU Danmarks Tekniske Universitet

DTU RAP – Research Analytics Platform

Home Collaboration Publications Researchers Units

DTU Researchers > DTU Health Tech > Kamaly, Nazila

Nazila Kamaly

ORCID: 0000-0002-9716-5121 Earliest publication: 2006

ResearcherID: B-6791-2016 Latest publication: 2020

Email: nazk@dtu.dk DTU affiliation: 2016 –

DTU affiliations and positions since 2020 – as reported by the departments annually

Year	Department	Section	Job title
2020	DTU Health Tech	Immunobiology and Biomimetics	Groupleader; Associate Professor

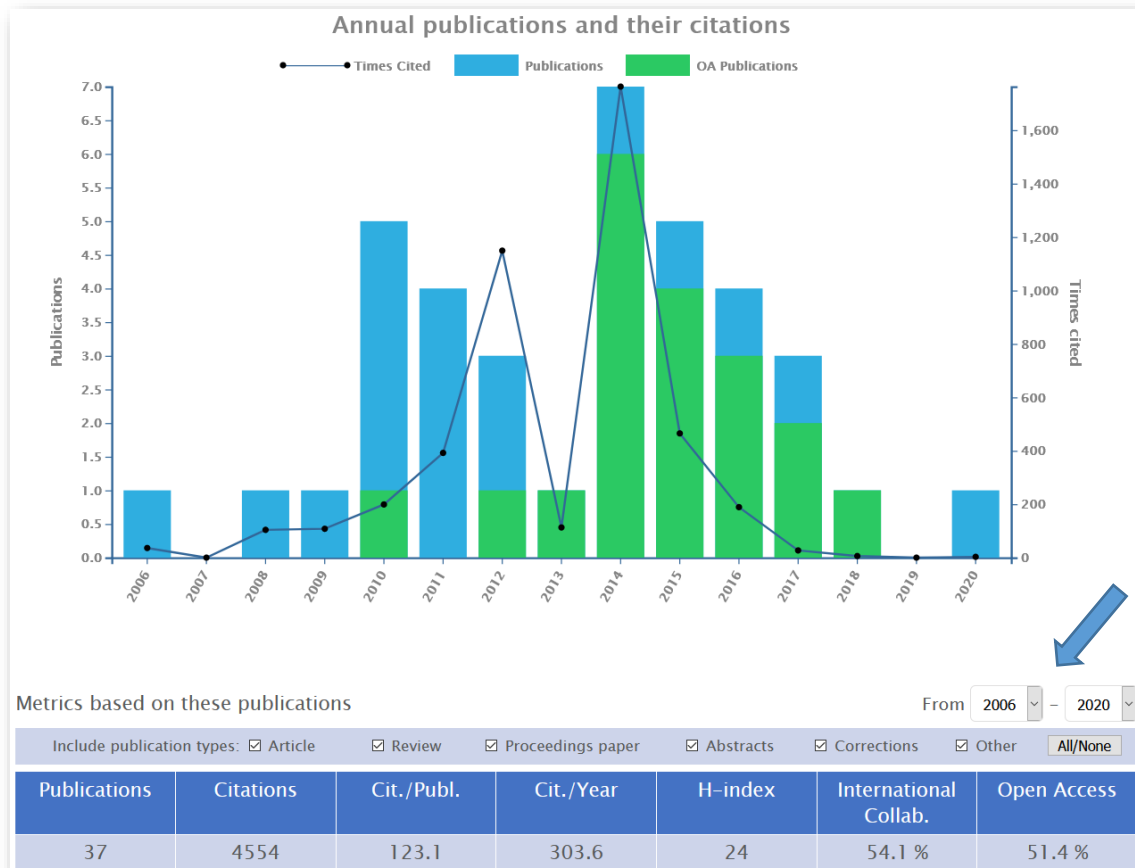
Publications – found in Web of Science using ORCID/ResearcherID – a publication may belong to more than one type

All	Article	Review	Proceedings paper	Abstract	Correction	Other
37	26	9	0	1	1	0

[View all 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”.


DTU affiliations and positions since 2020 – as reported by the departments annually

Year	Department	Section	Job title
2020	DTU Health Tech	Immunobiology and Biomimetics	Group leader; Associate Professor

Publications – found in Web of Science using ORCID/ResearcherID – a publication may belong to more than one type

All	Article	Review	Proceedings paper	Abstract	Correction	Other
37	26	9	0	1	1	0

[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.

DTU Danmarks Tekniske Universitet

DTU RAP – Research Analytics Platform

Home Collaboration Publications Researchers

DTU Researchers > DTU Health Tech > Kamaly, Nazila > Publication list

Year: 2006 – 2020 Type: All Affiliation: All Impact: All Access: All Go

Showing 1 to 10 of 37 publications

Previous 1 2 3 4 Next Download Excel

2020

An innovative and eco-friendly modality for synthesis of highly fluorinated graphene by an acidic ionic liquid: Making of an efficacious vehicle for anti-cancer drug delivery
Jahanshahi, M; Kowsari, E; Haddadi-Asl, V; Khoobi, M; Bazri, B; Aryafard, M; [et al.]
APPLIED SURFACE SCIENCE (2020-06-15)
WOS:000525637300008 References: 67 Citations: 3 DOI: 10.1016/j.apsusc.2020.146071


2018

Active targeted delivery of immune therapeutics to lymph nodes
Bahmani, B; Vohra, I; Kamaly, N; Abdi, R
CURRENT OPINION IN ORGAN TRANSPLANTATION (2018-02-01)
WOS:000424043000002 References: 113 Citations: 6 DOI: 10.1097/MOT.0000000000000495

2017

Bioinspired Heparin Nanosponge Prepared by Photo-crosslinking for Controlled Release of Growth Factors
Choi, W; Sahu, A; Vilos, C; Kamaly, N; Jo, SM; Lee, JH; [et al.]
SCIENTIFIC REPORTS (2017-10-30)
WOS:000414131700044 References: 41 Citations: 4 DOI: 10.1038/s41598-017-14040-5

Improved Targeting of Cancers with Nanotherapeutics
Foster, C; Watson, A; Kaplinsky, J; Kamaly, N
CANCER NANOTECHNOLOGY: METHODS AND PROTOCOLS (2017-01-01)
WOS:000430950200003 References: 162 Citations: 5 DOI: 10.1007/978-1-4939-6646-2_2



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

DTU Danmarks Tekniske Universitet

DTU RAP – Research Analytics Platform

Home Collaboration Publications Researchers

DTU Researchers > DTU Health Tech > Kamaly, Nazila > Publication list

Year: 2006 – 2020 Type: All Affiliation: All Impact: All Access: All Go

Showing 1 to 10 of 37 publications Previous 1 2 3 4 Next Download Excel

2020

[An innovative and eco-friendly modality for synthesis of highly fluorinated graphene by an acidic ionic liquid: Making of an efficacious vehicle for anti-cancer drug delivery](#)
Jahanshahi, M; Kowsari, E; Haddadi-Asl, V; Khoobi, M; Bazri, B; Aryafard, M; [et al.]
APPLIED SURFACE SCIENCE (2020-06-15)
WOS:000525637300008 References: 67 Citations: 3 DOI: 10.1016/j.apsusc.2020.146071

2018

[Active targeted delivery of immune therapeutics to lymph nodes](#)
Bahmani, B; Vohra, I; Kamaly, N; Abdi, R
CURRENT OPINION IN ORGAN TRANSPLANTATION (2018-02-01)
WOS:000424043000002 References: 113 Citations: 6 DOI: 10.1097/MOT.0000000000000495

2017

[Bioinspired Heparin Nanosponge Prepared by Photo-crosslinking for Controlled Release of Growth Factors](#)
Choi, W; Sahu, A; Vilos, C; Kamaly, N; Jo, SM; Lee, JH; [et al.]
SCIENTIFIC REPORTS (2017-10-30)
WOS:000414131700044 References: 41 Citations: 4 DOI: 10.1038/s41598-017-14040-5

[Improved Targeting of Cancers with Nanotherapeutics](#)
Foster, C; Watson, A; Kaplinsky, J; Kamaly, N
CANCER NANOTECHNOLOGY: METHODS AND PROTOCOLS (2017-01-01)
WOS:000430950200003 References: 162 Citations: 5 DOI: 10.1007/978-1-4939-6646-2_2

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

2. Units Module

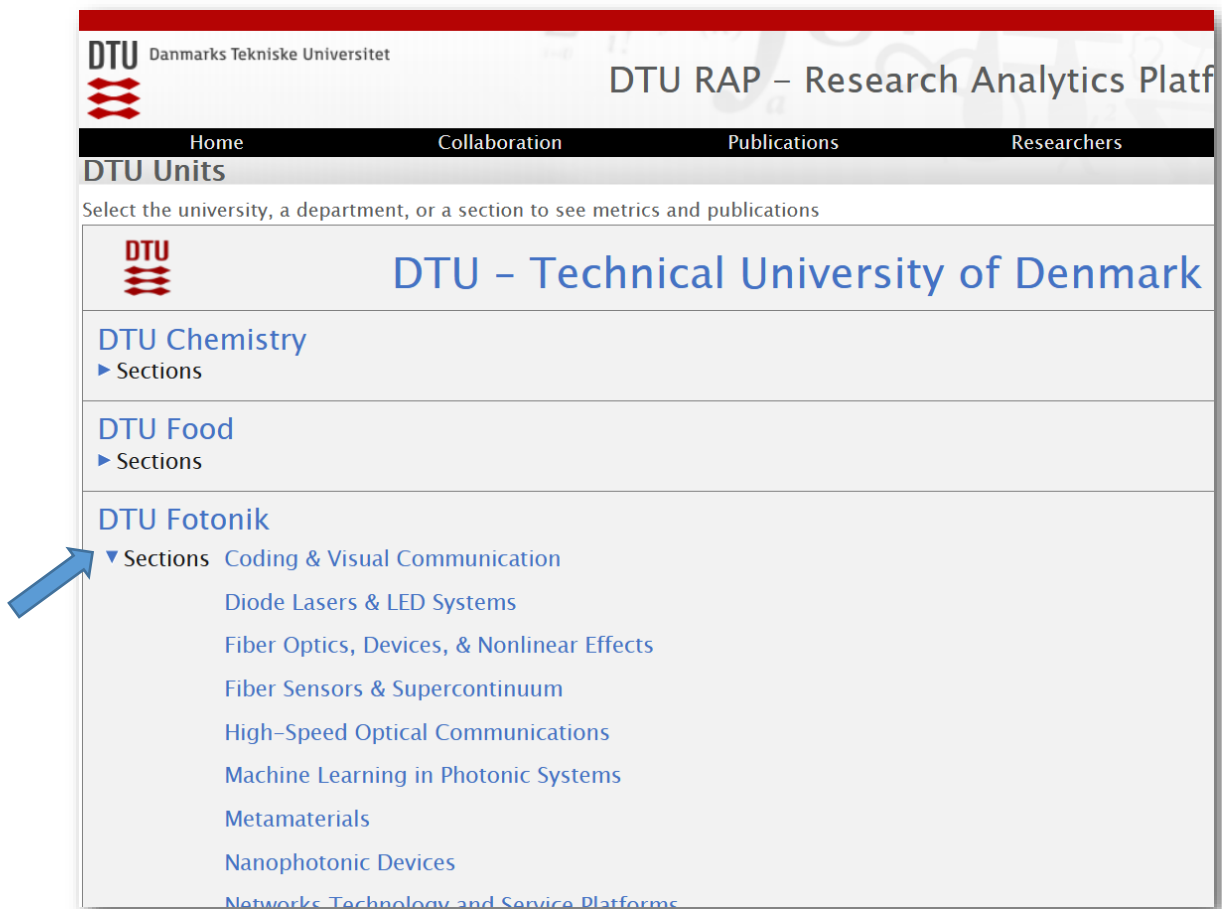
The Units Module includes the different units within DTU distributed by university, department, and section. The primary aim of the module is to support evaluation and assessment of the university's departments and sections.

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.



The screenshot shows the DTU RAP – Research Analytics Platform interface. At the top, the DTU logo and name 'Danmarks Tekniske Universitet' are on the left, and the platform name 'DTU RAP – Research Analytics Platform' is on the right. Below this is a navigation bar with links: Home, Collaboration, Publications, and Researchers. The main section is titled 'DTU Units' and includes a prompt: 'Select the university, a department, or a section to see metrics and publications'. A list of units is shown: DTU Chemistry, DTU Food, and DTU Fotonik. Under 'DTU Fotonik', the 'Sections' link is expanded, revealing a list of research areas: Coding & Visual Communication, Diode Lasers & LED Systems, Fiber Optics, Devices, & Nonlinear Effects, Fiber Sensors & Supercontinuum, High-Speed Optical Communications, Machine Learning in Photonic Systems, Metamaterials, Nanophotonic Devices, and Networks Technology and Service Platforms. A blue arrow points to the 'Sections' link under DTU Fotonik.

DTU Danmarks Tekniske Universitet

DTU RAP – Research Analytics Platform

Home Collaboration Publications Researchers

DTU Units

Select the university, a department, or a section to see metrics and publications

DTU – Technical University of Denmark

DTU Chemistry
▶ Sections

DTU Food
▶ Sections

DTU Fotonik
▼ Sections

- Coding & Visual Communication
- Diode Lasers & LED Systems
- Fiber Optics, Devices, & Nonlinear Effects
- Fiber Sensors & Supercontinuum
- High-Speed Optical Communications
- Machine Learning in Photonic Systems
- Metamaterials
- Nanophotonic Devices
- Networks Technology and Service Platforms

3. Click on the section.

The screenshot shows the DTU RAP – Research Analytics Platform interface. At the top, there is a red header with the DTU logo and the text 'DTU Danmarks Tekniske Universitet'. Below this is a black navigation bar with links: Home, Collaboration, Publications, and Researchers. The main content area is titled 'DTU Units' and contains a list of units: DTU Chemistry, DTU Food, and DTU Fotonik. A blue arrow points to the 'Fiber Sensors & Supercontinuum' section under DTU Fotonik.

DTU Danmarks Tekniske Universitet

DTU RAP – Research Analytics Platform

Home Collaboration Publications Researchers

DTU Units

Select the university, a department, or a section to see metrics and publications

DTU – Technical University of Denmark

DTU Chemistry
▶ Sections

DTU Food
▶ Sections

DTU Fotonik
▼ Sections

- Coding & Visual Communication
- Diode Lasers & LED Systems
- Fiber Optics, Devices, & Nonlinear Effects
- Fiber Sensors & Supercontinuum
- High-Speed Optical Communications
- Machine Learning in Photonic Systems
- Metamaterials
- Nanophotonic Devices
- Networks Technology and Service Platforms

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 ORCID and ResearcherID. The numbers are provided per publication type.
- A link to the section's publications.

The screenshot shows the profile page for the 'Fiber Sensors & Supercontinuum' section. It includes the DTU logo and the text 'DTU RAP – Research Analytics Platform'. The navigation bar is the same as the previous screenshot. The main content area is titled 'DTU Units > DTU Fotonik / Fiber Sensors & Supercontinuum'. It shows the Head of Section as 'Ole Bang' and a link to 'View list' for researchers. Below this is a table of publications found in Web of Science using ORCID/ResearcherID. The table has columns for All, Article, Review, Proceedings paper, Abstract, Correction, and Other. The total number of publications is 397.

DTU Danmarks Tekniske Universitet

DTU RAP – Research Analytics Platform

Home Collaboration Publications Researchers

DTU Units > DTU Fotonik / Fiber Sensors & Supercontinuum

Head: Ole Bang Researchers: [View list](#)

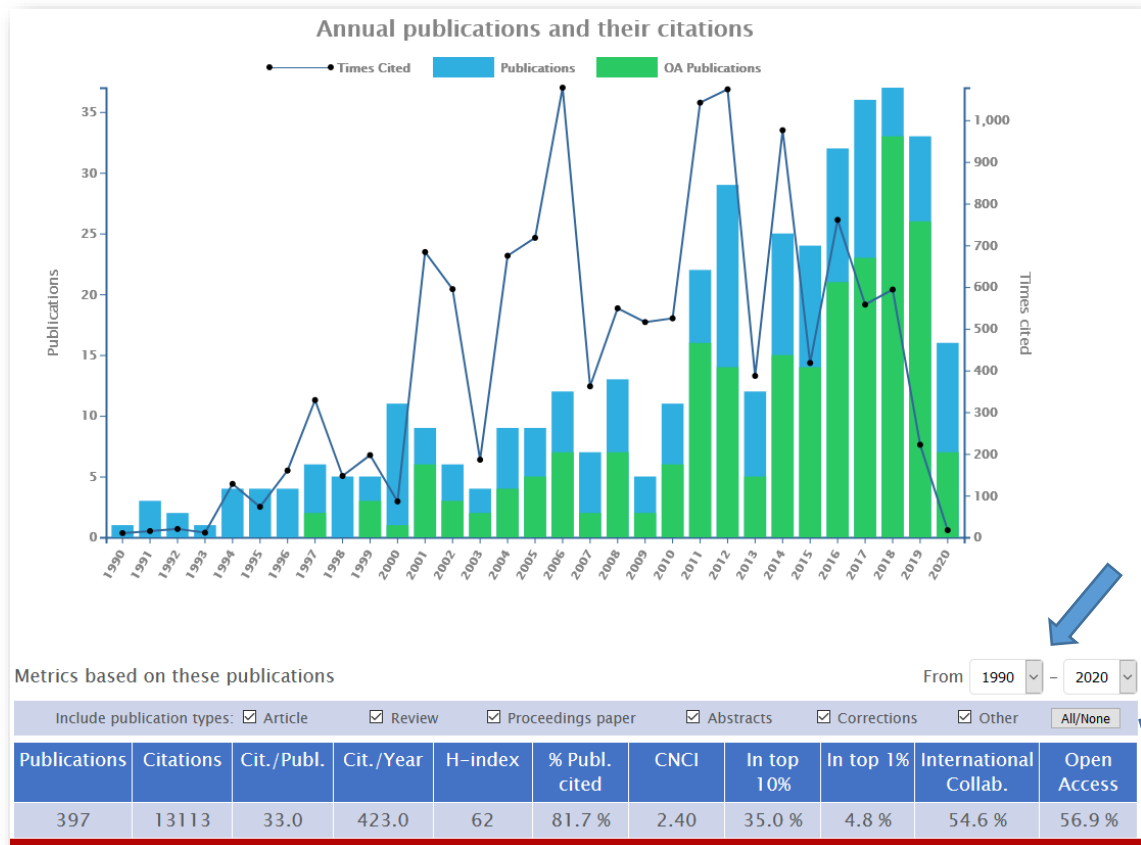
Publications – found in Web of Science using ORCID/ResearcherID – a publication may belong to more than one type

All	Article	Review	Proceedings paper	Abstract	Correction	Other
397	289	2	115	0	4	3

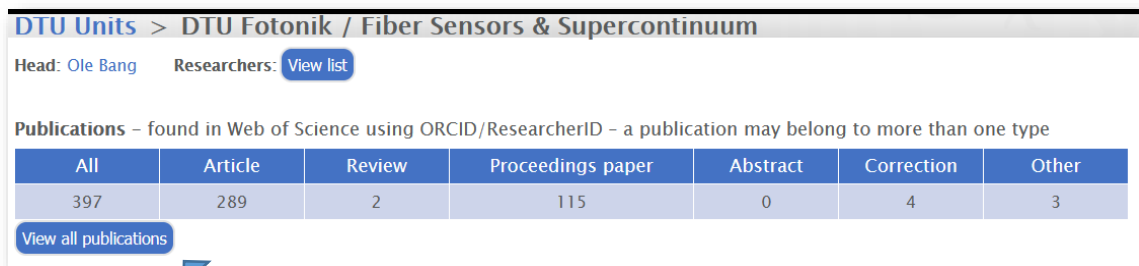
[View all publications](#)

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”.



DTU Units > DTU Fotonik / Fiber Sensors & Supercontinuum

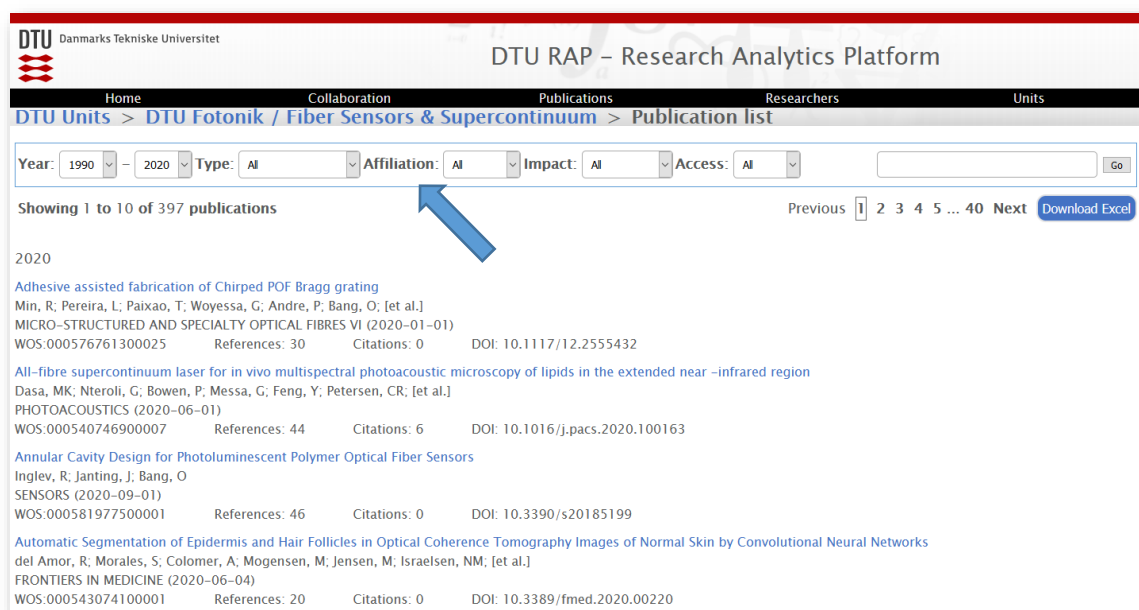
Head: Ole Bang Researchers: [View list](#)

Publications – found in Web of Science using ORCID/ResearcherID – a publication may belong to more than one type

All	Article	Review	Proceedings paper	Abstract	Correction	Other
397	289	2	115	0	4	3

[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.



DTU Danmarks Tekniske Universitet

DTU RAP – Research Analytics Platform

Home Collaboration Publications Researchers Units

DTU Units > DTU Fotonik / Fiber Sensors & Supercontinuum > Publication list

Year: 1990 – 2020 Type: All Affiliation: All Impact: All Access: All Go

Showing 1 to 10 of 397 publications

Previous 1 2 3 4 5 ... 40 Next [Download Excel](#)

2020

[Adhesive assisted fabrication of Chirped POF Bragg grating](#)
Min, R; Pereira, L; Paixao, T; Woyessa, G; Andre, P; Bang, O; [et al.]
MICRO-STRUCTURED AND SPECIALTY OPTICAL FIBRES VI (2020-01-01)
WOS:000576761300025 References: 30 Citations: 0 DOI: 10.1117/12.2555432

[All-fibre supercontinuum laser for in vivo multispectral photoacoustic microscopy of lipids in the extended near-infrared region](#)
Dasa, MK; Nteroli, G; Bowen, P; Messa, G; Feng, Y; Petersen, CR; [et al.]
PHOTOACOUSTICS (2020-06-01)
WOS:000540746900007 References: 44 Citations: 6 DOI: 10.1016/j.pacs.2020.100163

[Annular Cavity Design for Photoluminescent Polymer Optical Fiber Sensors](#)
Inglev, R; Janting, J; Bang, O
SENSORS (2020-09-01)
WOS:000581977500001 References: 46 Citations: 0 DOI: 10.3390/s20185199

[Automatic Segmentation of Epidermis and Hair Follicles in Optical Coherence Tomography Images of Normal Skin by Convolutional Neural Networks](#)
del Amor, R; Morales, S; Colomer, A; Mogensen, M; Jensen, M; Israelsen, NM; [et al.]
FRONTIERS IN MEDICINE (2020-06-04)
WOS:000543074100001 References: 20 Citations: 0 DOI: 10.3389/fmed.2020.00220

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

DTU Danmarks Tekniske Universitet

DTU RAP – Research Analytics Platform

Home Collaboration Publications Researchers Units

DTU Units > DTU Fotonik / Fiber Sensors & Supercontinuum > Publication list

Year: 1990 – 2020 Type: All Affiliation: All Impact: All Access: All Go

Showing 1 to 10 of 397 publications Previous 1 2 3 4 5 ... 40 Next Download Excel

2020

[Adhesive assisted fabrication of Chirped POF Bragg grating](#)
Min, R; Pereira, L; Paixao, T; Woyessa, G; Andre, P; Bang, O; [et al.]
MICRO-STRUCTURED AND SPECIALTY OPTICAL FIBRES VI (2020-01-01)
WOS:000576761300025 References: 30 Citations: 0 DOI: 10.1117/12.2555432

[All-fibre supercontinuum laser for in vivo multispectral photoacoustic microscopy of lipids in the extended near-infrared region](#)
Dasa, MK; Nteroli, G; Bowen, P; Messa, G; Feng, Y; Petersen, CR; [et al.]
PHOTOACOUSTICS (2020-06-01)
WOS:000540746900007 References: 44 Citations: 6 DOI: 10.1016/j.pacs.2020.100163

[Annular Cavity Design for Photoluminescent Polymer Optical Fiber Sensors](#)
Inglev, R; Janting, J; Bang, O
SENSORS (2020-09-01)
WOS:000581977500001 References: 46 Citations: 0 DOI: 10.3390/s20185199

[Automatic Segmentation of Epidermis and Hair Follicles in Optical Coherence Tomography Images of Normal Skin by Convolutional Neural Networks](#)
del Amor, R; Morales, S; Colomer, A; Mogensen, M; Jensen, M; Israelsen, NM; [et al.]
FRONTIERS IN MEDICINE (2020-06-04)
WOS:000543074100001 References: 20 Citations: 0 DOI: 10.3389/fmed.2020.00220

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 screenshot displays the DTU RAP - Research Analytics Platform interface. The top navigation bar includes links for Home, Collaboration, Publications, Researchers, and Units. The breadcrumb trail shows the path: DTU Units > DTU Aqua > Publication list > WOS:000475822100008. The main content area features the title 'Moving beyond fitting fish into equations: Progressing the fish passage debate in the Anthropocene' and a list of authors: Birnie-Gauvin, K (Birnie-Gauvin, Kim)^[1], Franklin, P (Franklin, Paul)^[2], Wilkes, M (Wilkes, Martin)^[3], and Aarestrup, K (Aarestrup, Kim)^[1]. Below the authors, the journal information is provided: AQUATIC CONSERVATION-MARINE AND FRESHWATER ECOSYSTEMS, Volume: 29, Issue: 7, Pages: 1095-1105, ISSN: 1052-7613, E-ISSN: 1099-0755, DOI: 10.1002/aqc.2946, Published: 2019-07-01, Web of Science: WOS:000475822100008, References: 106, and Citations: 21. The abstract follows, discussing the importance of fish passage for migratory species and the development of innovative solutions. Keywords include FRESH-WATER FISH, SALMO-SALAR L., SWIMMING PERFORMANCE, UPSTREAM PASSAGE, ATLANTIC SALMON, NATIVE FISH, RIVER, BARRIERS, CULVERT, and HABITAT. The Web of Science Categories are listed as Environmental Sciences, Marine & Freshwater Biology, and Water Resources. Author addresses are provided for each author, and funding sources are listed, including AMBER (European Union), Danish Fishing License Funds, KEEPFISH (European Commission), RISE-2015-690857-KEEPPFISH, and New Zealand Ministry for Business, Innovation and Employment. The document type is identified as an Article, and a link to InCites Indicators is provided at the bottom.

DTU Danmarks Tekniske Universitet

DTU RAP – Research Analytics Platform

Home Collaboration Publications Researchers Units

DTU Units > DTU Aqua > Publication list > WOS:000475822100008

Moving beyond fitting fish into equations: Progressing the fish passage debate in the Anthropocene

Birnie-Gauvin, K (Birnie-Gauvin, Kim)^[1] Franklin, P (Franklin, Paul)^[2] Wilkes, M (Wilkes, Martin)^[3] Aarestrup, K (Aarestrup, Kim)^[1]

AQUATIC CONSERVATION-MARINE AND FRESHWATER ECOSYSTEMS

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Abstract

Realization of the importance of fish passage for migratory species has led to the development of innovative and creative solutions ('fishways') to mitigate the effects of artificial barriers in freshwater systems in the last few decades. In many instances, attempting to 'fit fish into an equation'. These fishways are often derived from designs targeting salmonids in the Northern Hemisphere. They are rarely adequate, even for these strong-swimming fish, and certainly appear to be unsuitable for most other species. Moreover, engineered solutions cannot reinstate the natural habitat and geomorphological properties of the river, objectives that have been largely ignored. This article discusses the importance of fish passage for migratory species and the development of innovative and creative solutions ('fishways') to mitigate the effects of artificial barriers in freshwater systems in the last few decades. It is not intended as a review on fish passage, but rather a perspective on the issues related to fishways, as seen by practitioners.

Keywords

FRESH-WATER FISH; SALMO-SALAR L.; SWIMMING PERFORMANCE; UPSTREAM PASSAGE; ATLANTIC SALMON; NATIVE FISH; RIVER; BARRIERS; CULVERT; HABITAT;

Categories/Classification

Web of Science Categories: Environmental Sciences; Marine & Freshwater Biology; Water Resources;

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▼ InCites Indicators	
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Category Normalized Citation Impact (CNCI):	5.57
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Percentile in Subject Area:	0.7
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:	3.8
Journal Impact Factor:	2.6
Journal Normalized Citation Impact (JNCI):	7.5
Journal Expected Citations:	2.8

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

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