

# ORCID (Open Researcher and Contributor ID): researcher identification and research information

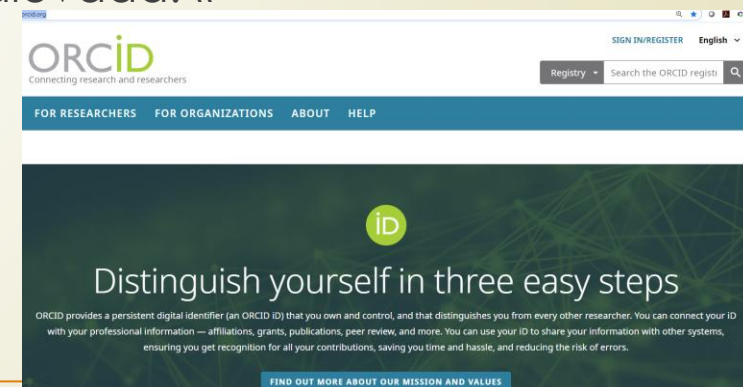
1

ORCID | Connecting Research and Researchers

# Kas ir ORCID (Open Researcher and Contributor ID) - <https://orcid.org/>

2

- ▶ «**ORCID** ir atvērta, bezpeļņas organizācija, kas dibināta ar mērķi izveidot un uzturēt pētnieku unikālo identifikatoru reģistru un pārskatāmu sistēmu, kas sasaista pētniecisko darbību un tās rezultātus ar unikāliem digitālajiem pētnieku identifikatoriem.
- ▶ *ORCID* nodrošina reģistru unikālu identifikatoru iegūšanai.
- ▶ **Pētnieks**, reģistrējoties *ORCID* sistēmā, iegūst unikālu digitālo identifikatoru, kas paliek nemainīgs, mainoties piederības institūcijai, e-pasta adresei, vai uzvārdam. *ORCID* digitālais identifikators novērš pārpratumus identisku vārdu un uzvārdu gadījumos, dažādu vārdu un uzvārdu rakstības gadījumā, vai tamlīdzīgās situācijās. *ORCID* sistēma vienlaikus ir brīvpieejas savienjošs mehānisms starp jau pastāvošajām autoru identifikācijas datu sistēmām, tādām kā *SCOPUS*, *WOS*, *Mendeley*, u.c.
- ▶ *ORCID* sistēma ļauj importēt datus par savām publikācijām no *SCOPUS*, *WOS*, *Mendeley* un citām datubāzēm un sistēmām – dati nav atkārtoti jāievada. «



# Kā reģistrēties ORCID?

No ORCID mājas lapas – <https://orcid.org/register>

3

ORCID

Connecting research and researchers

English ▾

Search the ORCID registry...



## Create your ORCID iD

Step 1 of 5 - Names and emails

Per ORCID's [terms of use](#), you may only register for an ORCID iD for yourself. Already have an ORCID iD? [Sign In](#)

### Your names

#### Given names

The names you most commonly go by

Please enter your given names

#### Family names (Optional)

Your family name or surname

### Your email addresses

#### Primary email

The email address you use most

Confirm primary email

Palīdzība

# Pievienot ORCID profilam ierakstus no citām vietnēm

4

Works (0 of 0) ?

## LINK WORKS

Hide link works

ORCID works with our member organizations to make it easy to connect your ORCID iD and link to information in their records. Click on the icons to get started. [More information about linking works](#)

Work type: All Geographical area: All

**Airiti**  
Enables users to import metadata from Airiti, including journal papers, proceedings, dissertations, and books. Scholars can easily connect...

**BASE - Bielefeld Academic Search Engine**  
BASE is one of the world's most voluminous academic search engines. It searches metadata about more than 100 million documents fr...

**Crossref Metadata Search**  
Import your publications from Crossref's authoritative, publisher-supplied metadata on over 70 million scholarly journal and conferenc...

**DataCite**  
Enable the DataCite Search & Link and Auto-Update services. Search the DataCite Metadata Store to find your research datasets, image...

**Deutsche Nationalbibliothek (DNB)**  
Search the catalogue of the German National Library (DNB) by your name and link your publications to your ORCID record. The Germa...

**Europe PubMed Central**  
Europe PubMed Central (Europe PMC) offers this tool to enable you to link anything in Europe PMC to your ORCID. Europe PMC contain...

**ISNI**

+ Add works Sort

- Search & link
- Add ArXiv ID
- Add DOI
- Add PubMed ID
- Import BibTeX
- Add manually

Help

## Link works

than 200 mi... [Show more](#)

### HAL

Part of the Ministry's research infrastructure roadmap and of the National Plan for Open Science, HAL is the multi-disciplina... [Show more](#)

### ISNI

ISNI Linker Search the ISNI registry by your name and link your ISNI record to your ORCID record as an external identifier. ... [Show more](#)

### JaLC

JaLC is the only Japanese organization authorized by the IDF as a Registration Agency (RA) for DOI. Administered jointly by a... [Show more](#)

### MLA International Bibliography

Search the MLA International Bibliography for your works, including those published under variant names, and add them to your... [Show more](#)

### OpenAIRE Explore

Find research outcomes in OpenAIRE Research Graph

### Redalyc

Una plataforma que permite identificar tus trabajos publicados en revistas arbitradas de Acceso Abierto indizadas en Redalyc ... [Show more](#)

### Research Data Australia

Research Data Australia enables the discovery of datasets from Australian research organisations, government agencies, and cu... [Show more](#)

### Scopus - Elsevier

Import your Identifier, profile and publications. The wizard helps you find the correct Scopus profile and to confirm your pu... [Show more](#)

### The Lens

The Lens serves global patent and scholarly knowledge on a public good platform, enabling you to import all your scholarly wo... [Show more](#)

# Scopus un ORCID, II

6

Scopus | ORCID

1 | Select profiles

2 | Select profile name

3 | Review publications

4 | Review profile


5 | Send Author ID

6 | Send publications

## Select your Scopus profiles

Please select all profiles that contain publications authored by you and click the next button to continue

You searched for: Authurname  Sort by

All <input type="checkbox"/>	Authors	Documents	Subject area	Affiliation	City	Country
1	<input type="checkbox"/>	 11	Engineering, Social Sciences, Chemical Engineering, Agricultural and Biological Sciences, Energy	Latvia University of Life Sciences and Technologies	Jelgava	Latvia

[Show recent documents](#)

[back](#) | [Next](#)

### About Scopus

[What is Scopus](#)  
[Content coverage](#)

### About

[Terms and Conditions](#)  
[Privacy Policy](#)  
[Cookie Policy](#)



Copyright © 2019 Elsevier B.V. All rights reserved. Scopus® is a registered trademark of Elsevier B.V. Cookies are set by this site. To decline them or learn more, visit our [cookie policy page](#).

# Scopus un ORCID, III

7

Scopus | ORCID

1 | [Select profiles](#)

2 | **Select profile name**

3 | Review publications

4 | Review profile

5 | Send Author ID

6 | Send publications

## Select the preferred profile name

Please select the preferred name for your unique author profile.

Profile name

[back](#) |

**Next**

### About Scopus

[What is Scopus](#)  
[Content coverage](#)

### About

[Terms and Conditions](#)  
[Privacy Policy](#)  
[Cookie Policy](#)



Copyright © 2019 Elsevier B.V. All rights reserved. Scopus® is a registered trademark of Elsevier B.V. Cookies are set by this site. To decline them or learn more, visit our [cookie policy page](#).

# Scopus un ORCID, IV

8

Scopus | ORCID

1 | [Select profiles](#)

2 | [Select profile name](#)

3 | [Review publications](#)

4 | **Review profile**

5 | [Send Author ID](#)

6 | [Send publications](#)

## Review the Scopus profile

Please review the information below to ensure that the data to be sent to ORCID is correct.

Autors pārbauda savu publikāciju sarakstu Scopus datubāzē.

Engineering for Rural Development  
,pp.319

Engineering for Rural Development 11  
,pp.338

Engineering for Rural Development 11  
,pp.343

Research for Rural Development 1  
,pp.173

Engineering for Rural Development  
,pp.239

[back](#)

**Next**



# Scopus un ORCID, V

9

The screenshot shows a web browser window at [orcid.scopusfeedback.com/#/document\\_search\\_result](http://orcid.scopusfeedback.com/#/document_search_result). The page displays a table with the following columns: Document Title, Author(s), Date, and Source Title. The table is sorted by Date (newest). Each row in the table has a grey 'X' icon and a green checkmark icon to its left. An orange rounded rectangle is overlaid on the table, containing the text: "Autors meklē un papildina savu publikāciju sarakstu Scopus datubāzē, izmantojot opciju «Search for missing documents»". At the bottom of the page, there is a search bar with the text "Search for missing documents" and buttons for "back" and "Next".

Document Title	Author(s)	Date	Source Title
Com...			g for Rural Development
bi...			ch 16 (Special
			ch 16 (Special
			ural Development 467
			ural Development 462
			ural Development
			ural Development
			ural Development
			ural Development
			n for Rural Development

Autors meklē un papildina savu publikāciju sarakstu Scopus datubāzē, izmantojot opciju «Search for missing documents».

Search for missing documents | back | Next

# Scopus un ORCID, VI



1 | [Select profiles](#)

2 | [Select profile name](#)

3 | [Review publications](#)

4 | [Review profile](#)

**5 | Send Author ID**

6 | [Send publications](#)

## Send the Scopus ID to ORCID

Thank you for checking your profile. Your Scopus ID is now ready to be sent to ORCID.

E-mail\*

Please enter your institutional or professional email address (e.g. name@university.edu).

Confirm E-mail\*

[back](#) |

**Send Author ID**

### About Scopus

[What is Scopus](#)  
[Content coverage](#)

### About

[Terms and Conditions](#)  
[Privacy Policy](#)  
[Cookie Policy](#)



ELSEVIER

# ORCID un Scopus Author ID, I

11

The screenshot shows an ORCID profile page with the following sections and highlights:

- Keywords:** A section header with a pencil icon.
- Websites:** A section header with a pencil icon.
- Other IDs:** A section header with a pencil icon. Below it, the text "Scopus Author ID:" is followed by an orange rectangular highlight.
- Emails:** A section header with a pencil icon. Below it, a large orange rectangular highlight covers the email information.
- Invited positions and distinctions (0):** A dark header bar with a dropdown arrow, a question mark, and buttons for "+ Add invited position", "+ Add distinction", and "Sort". Below it, the text reads: "You haven't added information to this section yet; add a distinction or an invited position now".
- Membership and service (0):** A dark header bar with a dropdown arrow, a question mark, and buttons for "+ Add service", "+ Add membership", and "Sort". Below it, the text reads: "You haven't added information to this section yet; add a membership or a service now".
- Funding (0):** A dark header bar with a dropdown arrow, a question mark, and buttons for "+ Add funding" and "Sort". Below it, the text reads: "You haven't added any funding, add some now".
- Works (11 of 11):** A dark header bar with a dropdown arrow, a question mark, and buttons for "+ Add works", "Export works", and "Sort". Below it, a large orange rounded rectangle covers the list of works. To the right of this rectangle, a vertical orange box highlights a list of icons: a checkmark, a person, a lock, a share icon, and a trash icon, which are repeated for three items.

At the bottom of the page, there is a "DOI: 10.1515/AR-18-105" and a "Help" button with a question mark icon.

# ORCID un Scopus Author ID, II

Latvia University of Life Sciences and Technologies, Jelgava, Latvia [Show all author info](#)

SC 57191274481

[Connect to ORCID](#)

Is this you? [Link Mendeley profile](#)

[Edit profile](#)

[Set alert](#)

[Save to list](#)

[Potential author matches](#)

[Export to SciVal](#)

## Metrics overview

3

Documents by author

3

Citations by 3 documents

1

[h-index: View h-graph](#)

## Document & citation trends



[Analyze author output](#) [Citation overview](#)

3 Documents Cited by 3 Documents 2 Co-Authors Topics

[Export all](#) [Save all to list](#)

Article • [Open Access](#)

Seawater tolerance and morphological assessment of yearling sea trout (L.)

D. Kļaviņa, I. Medne, B. Druviete, S.

[View list in search results format](#)

[View 74 references](#)

The screenshot shows the 'Scopus2Orcid' interface. The browser address bar is 'orcid.scopusfeedback.com/#/start'. The page title is 'Scopus | ORCID'. A progress bar shows five steps: 1 | Select profiles (highlighted), 2 | Select profile name, 3 | Review publications, 4 | Review profile, and 5 | Send. Below the progress bar, there is a message: 'Please select all profiles that contain publications authored by you and click the next button to continue.' A large orange button is visible. Below it, a table shows the selected profile:

Affiliation	Latvia University of Life Sciences and Technologies
-------------	---

At the bottom, there are links for 'About Scopus' (What is Scopus, Content coverage) and 'About' (Terms and Conditions, Privacy Policy, Cookie Policy).

# Piemērs. Scopus Author ID integrēts ar ORCID.

Scopus

Search Sources Lists SciVal ↗ LLU macibsp. un petn. publikac ↗

13

## Dukulis, Ilmars

Dukulis, Ilmars ; Dukulis, I.

[Latvia University of Life Sciences and Technologies, Jelgava, Latvia](#)

### Affiliation history ⓘ

2009 - 2020 [Latvia University of Life Sciences and Technologies, Jelgava, Latvia](#)

### Subject Areas

Agricultural and Biological Sciences • Engineering • Energy • Chemical Engineering • Social Sciences

[Show less author info](#)

SC 55014326700 ⓘ

ORCID <https://orcid.org/0000-0001-5435-1760>

[View Mendeley profile](#)

[Edit profile](#)

[Set alert](#)

[Save to list](#)

[Potential author matches](#)

[Export to SciVal](#)

### Metrics overview

26

Documents by author

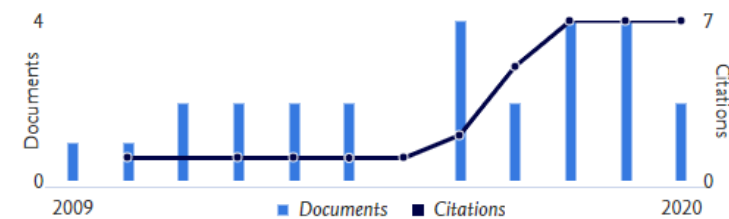
33

Citations by 30 documents

3

*h*-index: [View \*h\*-graph](#)

### Document & citation trends



[Analyze author output](#)

[Citation overview](#)

### Most contributed Topics 2015-2021 ⓘ

Draft Forces; Moldboard Plows; Subsoiling

[2 documents](#)

Pedagogical Support; Educational Process; Professional Competence

[2 documents](#)

Diesel Engines; Antiknock Rating; Fuel Injection

[2 documents](#)

[View all Topics](#)

26 Documents

Cited by 30 Documents

26 Co-Authors

Topics

Mendeley ([www.mendeley.com](http://www.mendeley.com)) un ORCID (<https://orcid.org/>) iespēja integrēt profilus.

ORCID  
Connecting Research and Researchers

4,711,220 ORCID iDs and counting

**Eilita Berzina**

ORCID ID  
<https://orcid.org/0000-0000-0000-0000>

Print view

Also known as  
Petrova Elita, Petrova Eilita

Keywords  
Information, databases, digitalization

Websites  
LinkedIn  
Mendeley profile

Other IDs  
ResearcherID: A-9360-2015

Education (2)  
Riga, Latvia  
Information and Library Science

Riga, Latvia  
un Ekonomiskās Informatikas fakultate)

**EDIT WEBSITES**

Mendeley  
<https://www.mendeley.com/>  
Source: Eilita  
Created: 2016-12-7

LinkedIn  
<https://www.linkedin.com/>  
Source: Eilita  
Created: 2016-12-7

Callout text: **Izvēlamies rediģēt tiešsaistes (website), kuras vēlamies integrēt ORCID**

Feed Library Suggest Groups Datasets Careers Funding Search

**Eilita Berzina** Edit

Mg. inf.sc. Edit

Head of the Databases Department Edit

Latvia University of Life Sciences and Technologies, Fundamental Library Edit

How does my profile look to others?

2 Followers 12 Following

Overview Stats Network

Other IDs Edit

Scopus  
Connect your Scopus author ID

Research interests Edit

Research database

Library information systems

About Edit

Publications + Add

Import your publications from Scopus

Upload a publication

Editorships + Add

Add your editor experience to share where you have been working

# Publons un ORCID, I

15

publons BROWSE COMMUNITY FAQ

Private Dashboard ▶ Publication Records

AB [redacted] publications Web of Science ResearcherID

Me  
Dashboard summary  
Public profile  
Export verified record

My records  
Publications  
Peer reviews  
Editor records

Activity  
Notifications  
Pending records

Community  
Refer colleagues  
Scored publications  
Followed publications  
Endorsements  
ResearcherID badge

Settings  
Account  
Profile  
Affiliations  
Email  
Permissions

Tip: See how your records look on your profile  
Researchers, administrators, journal editors and more can discover your profile on Publons. Click below to see what they see.  
SEE YOUR PUBLIC PROFILE

IMPORT PUBLICATIONS

Use this page to control the publications that will display on your public profile, downloadable record, and in the graphs and metrics here on your dashboard. Learn more about your publications on Publons.

Importing publications from Web of Science updates your presence there. Click here to see data sent to Web of Science (Beta)

HIDE FILTERS CLEAR ALL

Title Journals

Author name

DURING PERIOD Start to End

CITATIONS 0 to ∞

Web of Science Core Collection only

# Publons un ORCID, II

16

AB Private dashboard - Import publications Web of Science ResearcherID

Me  
Dashboard summary  
Public profile  
Export verified record

My records  
Publications  
Peer reviews  
Editor records

Activity  
Notifications  
Pending records

Community  
Refer colleagues  
Scored publications  
Followed publications  
Endorsements  
ResearcherID badge

Settings  
Account  
Profile  
Affiliations  
Email  
Permissions

**Tip: Completing your publication list**  
If you just have a handful of publications to add, try using the [DOI/title import option](#).  
Otherwise, use the [Web of Science, ORCID, or file upload options](#) to complete your publication list. Don't worry about duplicates; we will detect and remove duplicated publications by title and/or DOI.

Import from Web of Science (complimentary access for Publons users)

Sync with ORCID

Sync your publications on Publons with your ORCID record by clicking the button below

**SYNC MY PUBLICATIONS WITH ORCID**

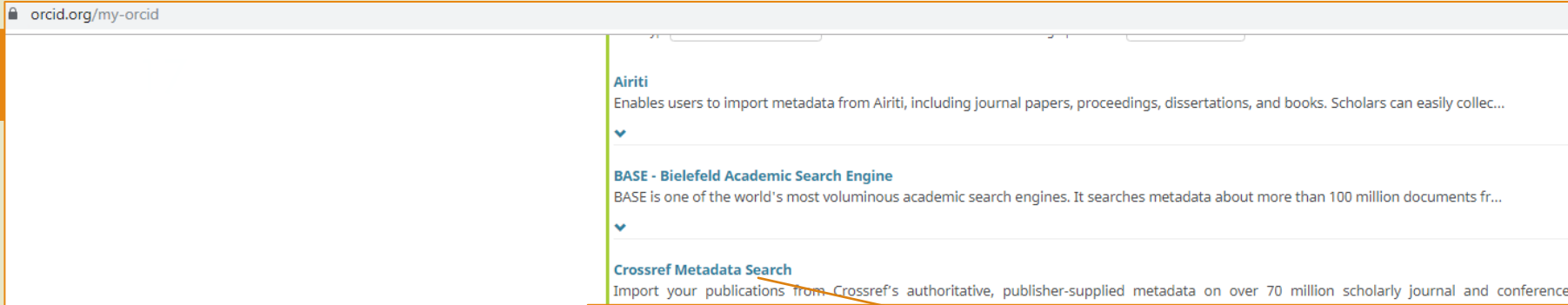
Import by identifier (e.g. title or DOI)

Import by file upload (RIS, CSV, or BIBTEX)

Publikāciju sinhronizēšana starp Publons un ORCID vietnēm



# Pievienot publikācijas ORCID autora profilam no Crossref vietnes

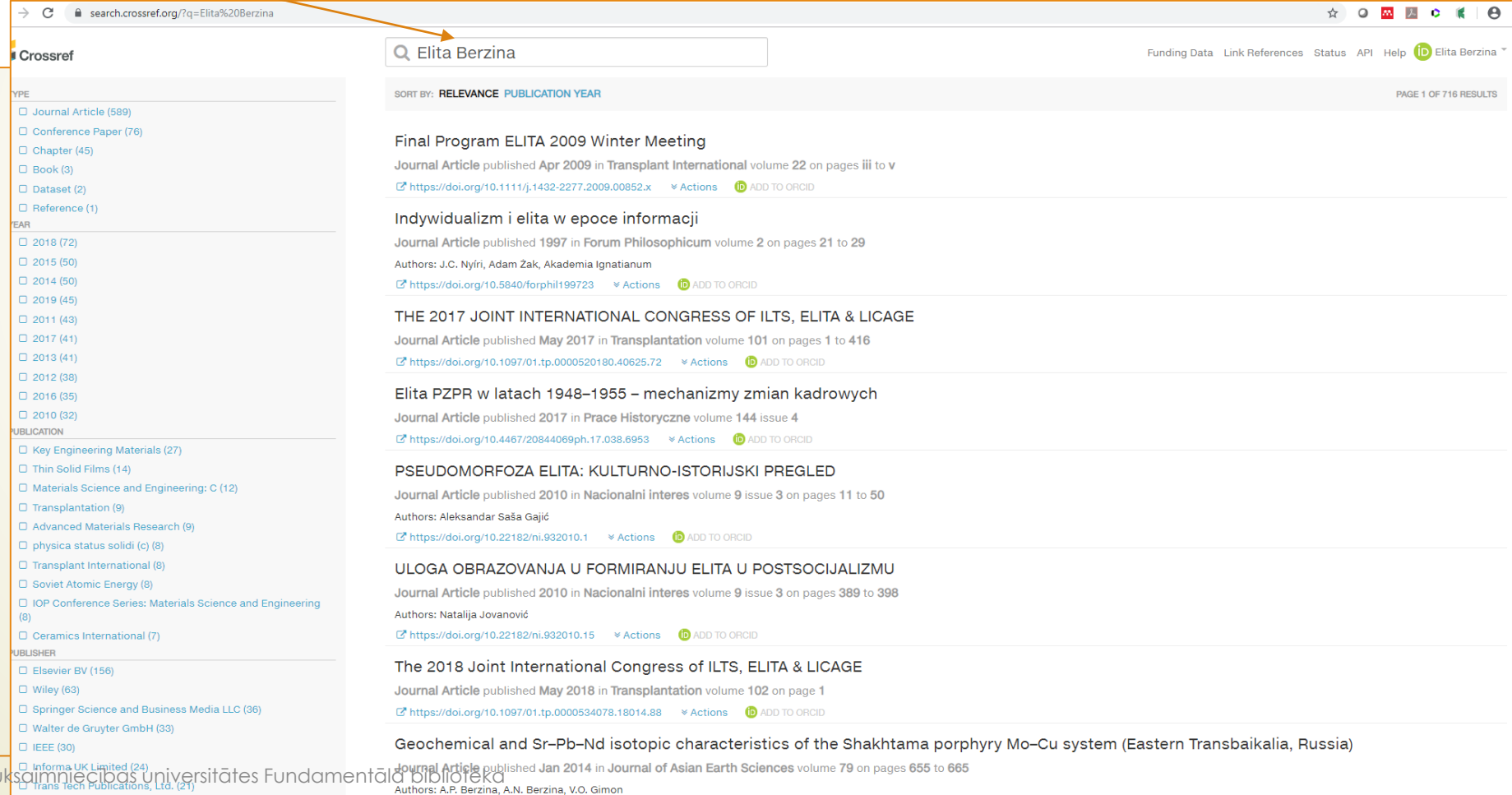


orcid.org/my-orcid

**Airiti**  
Enables users to import metadata from Airiti, including journal papers, proceedings, dissertations, and books. Scholars can easily collec...

**BASE - Bielefeld Academic Search Engine**  
BASE is one of the world's most voluminous academic search engines. It searches metadata about more than 100 million documents fr...

**Crossref Metadata Search**  
Import your publications from Crossref's authoritative, publisher-supplied metadata on over 70 million scholarly journal and conference



search.crossref.org/?q=Elita%20Berzina

**Crossref**

Elita Berzina

Sort by: RELEVANCE PUBLICATION YEAR

PAGE 1 OF 716 RESULTS

**Final Program ELITA 2009 Winter Meeting**  
Journal Article published Apr 2009 in *Transplant International* volume 22 on pages iii to v  
<https://doi.org/10.1111/j.1432-2277.2009.00852.x> Actions ADD TO ORCID

**Indywidualizm i elita w epoce informacji**  
Journal Article published 1997 in *Forum Philosophicum* volume 2 on pages 21 to 29  
Authors: J.C. Nyíri, Adam Zak, Akademia Ignatianum  
<https://doi.org/10.5840/forphil199723> Actions ADD TO ORCID

**THE 2017 JOINT INTERNATIONAL CONGRESS OF ILTS, ELITA & LICAGE**  
Journal Article published May 2017 in *Transplantation* volume 101 on pages 1 to 416  
<https://doi.org/10.1097/01.tp.0000520180.40625.72> Actions ADD TO ORCID

**Elita PZPR w latach 1948–1955 – mechanizmy zmian kadrowych**  
Journal Article published 2017 in *Prace Historyczne* volume 144 issue 4  
<https://doi.org/10.4467/20844069ph.17.038.6953> Actions ADD TO ORCID

**PSEUDOMORFOZA ELITA: KULTURNO-ISTORIJSKI PREGLED**  
Journal Article published 2010 in *Nacionalni interes* volume 9 issue 3 on pages 11 to 50  
Authors: Aleksandar Saša Gajić  
<https://doi.org/10.22182/ni.932010.1> Actions ADD TO ORCID

**ULOGA OBRAZOVANJA U FORMIRANJU ELITA U POSTSOCIJALIZMU**  
Journal Article published 2010 in *Nacionalni interes* volume 9 issue 3 on pages 389 to 398  
Authors: Natalija Jovanović  
<https://doi.org/10.22182/ni.932010.15> Actions ADD TO ORCID

**The 2018 Joint International Congress of ILTS, ELITA & LICAGE**  
Journal Article published May 2018 in *Transplantation* volume 102 on page 1  
<https://doi.org/10.1097/01.tp.0000534078.18014.88> Actions ADD TO ORCID

**Geochemical and Sr–Pb–Nd isotopic characteristics of the Shakhtama porphyry Mo–Cu system (Eastern Transbaikalia, Russia)**  
Journal Article published Jan 2014 in *Journal of Asian Earth Sciences* volume 79 on pages 655 to 665  
Authors: A.P. Berzina, A.N. Berzina, V.O. Gimon

**TYPE**

- Journal Article (589)
- Conference Paper (76)
- Chapter (45)
- Book (3)
- Dataset (2)
- Reference (1)

**YEAR**

- 2018 (72)
- 2015 (50)
- 2014 (50)
- 2019 (45)
- 2011 (43)
- 2017 (41)
- 2013 (41)
- 2012 (38)
- 2016 (35)
- 2010 (32)

**PUBLICATION**

- Key Engineering Materials (27)
- Thin Solid Films (14)
- Materials Science and Engineering: C (12)
- Transplantation (9)
- Advanced Materials Research (9)
- physica status solidi (c) (8)
- Transplant International (8)
- Soviet Atomic Energy (8)
- IOP Conference Series: Materials Science and Engineering (8)
- Ceramics International (7)

**PUBLISHER**

- Elsevier BV (156)
- Wiley (63)
- Springer Science and Business Media LLC (36)
- Walter de Gruyter GmbH (33)
- IEEE (30)
- Informa UK Limited (24)
- Trans Tech Publications, Ltd. (21)

# ORCID profilis (profile)

ORCID  
Connecting Research and Researchers

2,763,353 ORCID IDs and counting. See more

ORCID ID	First name	Last name	Other names
0000-0003-1561-7524	Dace	Berzina	
0000-0001-6804-557X	TATIANA	BERZINA	
0000-0003-0896-0199	Baiba	Berzina	
0000-0003-1263-5671	Alise	Berzina	
0000-0003-2078-8926	Santa	Berzina	
0000-0002-0866-8692	Sandra	Berzina	
0000-0003-0769-8133	Zane	Berzina	
0000-0002-7388-8587	Kristina	Berzina	
0000-0001-5158-0023	Elita	Berzina	
0000-0002-1987-2226	Liga	Berzina-Cimdina	

Following reports of problems with institutional sign-in to ORCID at some organizations, we are currently only allowing this from organizations where we know it is working correctly. Please email [institutional\\_sso@orcid.org](mailto:institutional_sso@orcid.org) if you believe institutional sign-in from your institution should be enabled.

ORCID  
Connecting Research and Researchers

4,711,220 ORCID IDs and counting. See more.

Search

EDIT YOUR RECORD ABOUT ORCID CONTACT US HELP

**Eilita Berzina**

**ORCID ID**  
<https://orcid.org/0000-0001-5158-0023>

Print view

**Also known as**  
Petrova Elita, Petrova Eilita

**Keywords**  
Information, databases, repository, digitalization

**Websites**  
[Linkedin](#)  
[Mendeley profile](#)

**Other IDs**  
ResearcherID: A-9360-2015

**Education (1)**

Latvijas Universitate: Riga, Latvia  
2003 to 2005 | Master in Information and Library Science  
Source: Eilita Berzina

**Employment (2)**

Latvia University of Life Sciences and Technologies: Jelgava, Latvia  
1994 to present | System Librarian (Fundamental Library)  
Source: Eilita Berzina

Latvia Academy of Agriculture: Jelgava, Latvia  
1990 to 1993 | Programmer (Institute of Informatics)  
Source: Eilita Berzina

# LLU zinātnieka publikācijas piemērs no ORCID profila un Web of Science datubāzes, I



SIGN IN / REGISTER | English

Registry

Datubāze Web of Science pieejama:  
- LLU tīklā un zinātnisko institūtu tīklā pēc datoru IP adresēm – <http://webofknowledge.com/wos>  
- Ar LLU IS lietotājkontu – <http://ezproxy.llu.lv/login?url=http://webofknowledge.com/wos>

FOR RESEARCHERS FOR ORGANIZATIONS ABOUT HELP



## Web of Science

Search Search Results Tools Searches and alerts Search History Marked List

Free Full Text from Publisher Full Text from Publisher Export to EndNote Online Add to Marked List

### COMPARISON OF VEHICLE PERFORMANCE USING FOSSIL DIESEL FUEL BLENDS WITH BIODIESEL AND HVO FUEL

By: Sondors, K (Sondors, Kristaps)<sup>[1]</sup>; Birkavs, A (Birkavs, Aivars)<sup>[1]</sup>; Pirs, V (Pirs, Vilnis)<sup>[1]</sup>; Birzietis, G (Birzietis, Gints)<sup>[1]</sup>; Dukulis, I (Dukulis, Ilmars)<sup>[1]</sup>  
Hide Web of Science ResearcherID and ORCID

Author	Web of Science ResearcherID	ORCID Number
Birzietis, Gints	G-9347-2018	<a href="http://orcid.org/0000-0001-8081-4191">http://orcid.org/0000-0001-8081-4191</a>
Birkavs, Aivars	AAG-1865-2019	<a href="http://orcid.org/0000-0001-5590-5497">http://orcid.org/0000-0001-5590-5497</a>
Dukulis, Ilmars	R-1973-2016	<a href="http://orcid.org/0000-0001-5435-1760">http://orcid.org/0000-0001-5435-1760</a>

18TH INTERNATIONAL SCIENTIFIC CONFERENCE ENGINEERING FOR RURAL DEVELOPMENT  
Edited by: Malinovska, L; Osadcuks, V  
Book Series: Engineering for Rural Development  
Pages: 964-970  
DOI: 10.22616/ERDev2019.18.N052  
Published: 2019  
Document Type: Proceedings Paper

**Conference**  
Conference: 18th International Scientific Conference on Engineering for Rural Development (ERD)  
Location: Jelgava, LATVIA  
Date: MAY 22-24, 2019  
Sponsor(s): Latvia Univ Life Sci & Technologies, Fac Engr; Latvian Acad Agr & Forestry Sci

**Abstract**  
Biodiesel is increasingly used as an additive to fossil diesel fuel. For summer periods it is compulsorily in Latvia to use diesel fuel with 4.5-7 % biodiesel fuel mix. Some technical disadvantages of biodiesel/fossil diesel blends are mentioned by many researchers, for example, reduced energy density, and degradation of fuel under storage for prolonged periods. Therefore, one of the solutions might be blending of different biofuels instead of biodiesel. Hydrotreated vegetable oil (HVO) is one of the most promising next generation biofuels in the near future. An unmodified passenger car Opel Insignia 2.0 CDTI (manufactured in 2011) with a four-cylinder diesel engine (power 96 kW) has been investigated. Chassis dynamometer Mustang MD-1750, AVL KMA MOBILE fuel consumption meter, and AVL SESAM FTIR multi-component exhaust gas measurement system were used during the experiments. Running the car with diesel fuel mixed with 7 % of biodiesel, it developed 2.1 % less maximum power and 1.3 % less maximum torque compared with fossil diesel, and about 2.3 % less power and 1.5 % less torque compared to diesel fuel blended with 7 % HVO fuel. Diesel fuel 1 / 7 % biodiesel blend fuel consumption is in average 3.1 % higher compared to pure fossil diesel, and in average 3.0 % higher in comparison with diesel fuel mixed with 7 % HVO fuel. Blend of 7 % HVO with fossil diesel fuel compared to diesel fuel mix with 7 % of biodiesel approximately by 4 % decreases the amount of NOx, by 3 % CO2, and about 3.5 times unburnt hydrocarbon content in exhaust gases, but CO increases by approximately 90 %.

### Citation Network

In Web of Science Core Collection  
0  
Times Cited  
Create Citation Alert

8  
Cited References  
View Related Records

New! You may also like ... BETA  
THE SMALL ELECTRIC MOTORS. REVUE DE METALLURGIE-CAHIERS D INFORMATIONS TECHNIQUES (1994)  
METHODOLOGICAL ASPECTS OF TRAINING FUTURE AGROENGINEERS. 18TH INTERNATIONAL SCIENTIFIC CONFERENCE ENGINEERING FOR RURAL DEVELOPMENT (2019)  
View all suggestions

### Use in Web of Science

Web of Science Usage Count  
0 2  
Last 180 Days Since 2013  
Learn more

This record is from:

### Ilmars Dukulis

ORCID iD  
<https://orcid.org/0000-0001-5435-1760>

Print view

Websites & Social Links  
Mendeley profile

Country  
Latvia

Other IDs  
Scopus Author ID: 55014326700  
ResearcherID: R-1973-2016

#### Employment (1)

Latvia University of Life Sciences and Technologies (former Latvia University of Agriculture): Jelgava, LV  
2014-07-01 to present | Dean, professor (Faculty of Engineering)  
Employment  
Source: Ilmars Dukulis

#### Education and qualifications (1)

Latvia University of Agriculture: Jelgava, LV  
2005-09-01 to 2008-08-31 | Dr.sc.ing.  
Education  
Source: Ilmars Dukulis

#### Works (31 of 31)

Analysis of the experimental measurement of electric vehicle sound  
Engineering for Rural Development  
2020 | conference-paper  
DOI: 10.22616/ERDev2020.19.TF162  
EID: 2-s2.0-85088440826  
Part of ISBN: 16915976 16913043  
Source: Ilmars Dukulis via Scopus - Elsevier

Investigation of pedagogical conditions for development of professional skills of future agricultural engineers  
Engineering for Rural Development  
2020 | conference-paper  
DOI: 10.22616/ERDev2020.19.TF337  
EID: 2-s2.0-85088447018  
Part of ISBN: 16915976 16913043  
Source: Ilmars Dukulis via Scopus - Elsevier

# LLU zinātnieka publikācijas piemērs no ORCID profila un Web of Science datubāzes, II

20

**ORCID**  
Connecting Research and Researchers

FOR RESEARCHERS FOR ORGANIZATIONS ABOUT HELP

**Irina Arhipova**

**ORCID iD**  
<https://orcid.org/0000-0003-1036-2024>

Print view

**Other IDs**  
Scopus Author ID: 55014628800  
ResearcherID: T-9682-2017  
Scopus Author ID: 57201905371

**Employment (1)**

Latvia University of Life Sciences and Techn  
Employment  
Source: Irina Arhipova

**Works (50 of 57)**

Items per page: 50 1 - 50 of 57

Mobile phone data statistics as a dynamic p  
economic activity and human commuting p  
Expert Systems  
2020-10-03 | journal-article  
DOI: 10.1111/exsy.12530  
Source: Crossref

Improvements in the civil engineering focus  
of artificial intelligence and fuzzy logic  
Baltic Surveying  
2020-06-29 | journal-article  
DOI: 10.22616/j.balticsurveying.2020.007  
Source: Crossref

Development of Waste Collection Model Usi  
Latvia  
2020 | book-chapter  
DOI: 10.1007/978-3-030-39442-4\_6  
Source: Crossref

Long Period Re-identification Approach to B  
Preliminary Study

Irina Arhipova | Publons

publons.com/researcher/2011466/irina-arhipova

**Irina Arhipova** Web of Science ResearcherID® T-9682-2017

Researcher (Academic) - Latvia University of Life Sciences & Technologies

**PUBLICATIONS** 42 **TOTAL TIMES CITED** 76 **H-INDEX** 4

Summary Metrics Publications

**Research Fields**  
Irina Arhipova has not yet added any research fields to their profile.

**Identifiers**  
Web of Science ResearcherID® T-9682-2017  
ORCID <https://orcid.org/0000-0003-1036-2024>

**Bio**  
Irina Arhipova has not yet added a bio to their profile.

**Institutions**  
Researcher (Academic) - Latvia University of Life Sciences & Technologies until present

**Affiliations**  
Irina Arhipova has not yet added any other affiliations to their profile.

- HIDE FULL BIO & INSTITUTIONS

**Most cited publications**

	TIMES CITED
Cause Analysis of Students' Dropout Rate in Higher Education Study Program	18
Authors: Paura, Liga; Arhipova, Irina Published: Jan 2014 in Procedia - Social and Behavioral Sciences DOI: 10.1016/J.SBSPRO.2013.12.625	
Learning Content Development Methodology for Mobile Devices	10

# Paļīgmateriāli angļu valodā

21

- Learn about ORCID and how to make the most of your ORCID iD – <https://orcid.org/help>
- ResearcherID & the ORCID Initiative – <https://clarivate.com/products/researcherid/orcid-initiative/>
- Send Scopus Author details and publication list to ORCID – <http://orcid.scopusfeedback.com/#/>