

# DataDiver: A VuFind Project

## User Documentation

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## Introduction

### Overview

DataDiver is an implementation of VuFind, which is a library resource portal. If this User Documentation doesn't suffice then check on their website for more information. DataDiver's purpose is to provide access to research papers.

### Audience

This document is supposed to be a guide to users but can also be used by administrators getting to know DataDiver.

### Accessing DataDiver

DataDiver is currently not public, so you must access DataDiver locally under the address localhost/vufind. VuFind (and therefore DataDiver) is web-based, so users interact with it through a web browser. The common web browsers (Google Chrome, Mozilla Firefox, Microsoft Edge) are supported. DataDiver is optimized for Desktops and Laptops but can also be used by mobile devices.

# Using DataDiver

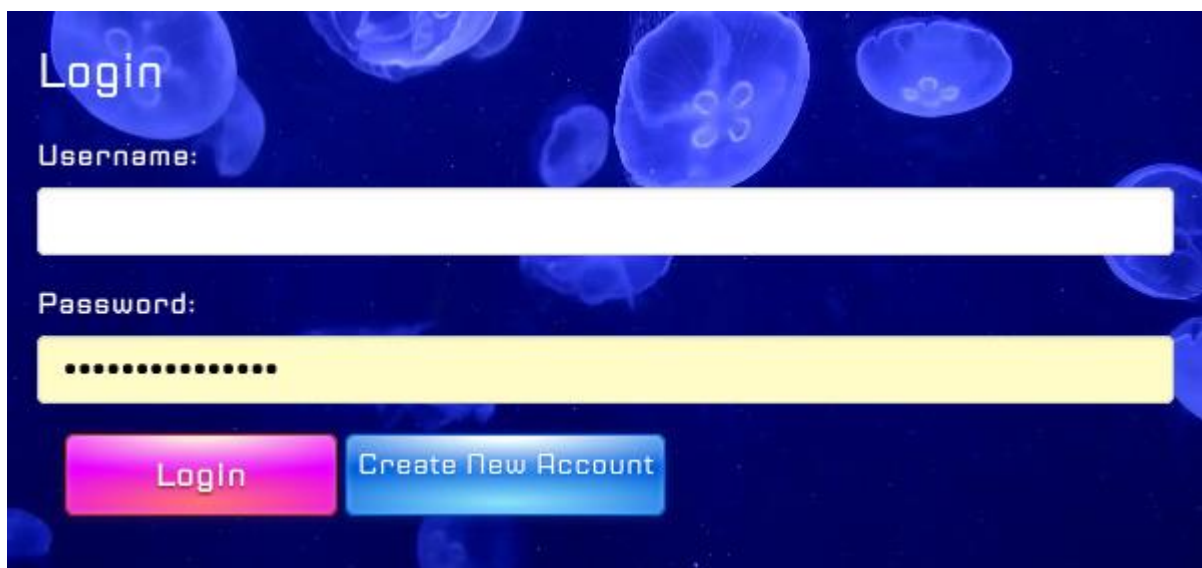
## Login & Account

### Overview

Users have the option to create and use an account. Users that are logged in can write Comments, add Tags and create Lists. Most functions are possible to use without an account.

### Login

Press the login button to open the login interface. The login button is the main login way since it is always accessible. Trying to use functions that require a log in can also lead to the login.

A screenshot of a login interface. The background is dark blue with several glowing jellyfish. The word "Login" is at the top left in white. Below it is the label "Username:" followed by a white text input field. Below that is the label "Password:" followed by a yellow text input field with black dots. At the bottom are two buttons: a pink "Login" button and a blue "Create New Account" button.

### *Login*

To log in, enter your Username and password, then press Login. You will remain on the site you were on before the login.

### Create New Account

If you have no Account yet, press Create New Account. This will open a new interface:

## User Account

First Name:

Last Name:

Email Address:

Desired Username:

Letters, numbers and common punctuation characters only

Password:

Password Again:

[< Back](#)

### *Create New Account*

Entering a First Name and a Last Name are optional, the other fields have to be filled out. You must enter a proper Email Address.

Your desired Username can only contain letters, numbers and common punctuation.

Email Address and Username are individual: You have to choose a different Email or Username if there are other accounts already using them.

The password and the repeated password have to match.

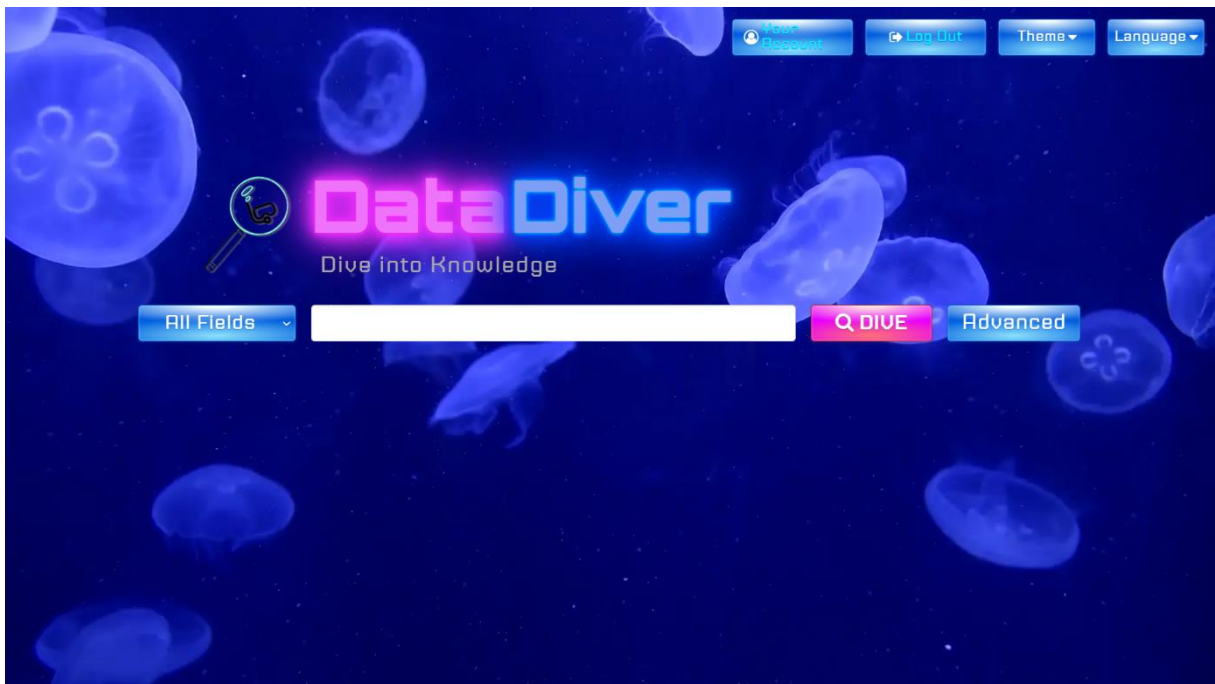
Pressing the submit button will send a verification message to the Email Address you have entered. Open your mail and verify to finish the creation of the account.

Email and Username of an account can be changed at any time. (see Profile)

### Log out

Log out by pressing Log Out. You will remain on the side you were on before the login, unless you were on a site that can only be accessed by an account.

## Homepage



*Homepage(logged in)*

This is the Homepage of DataDiver. We are currently logged in. From here, we can log out (or in if we were not logged in), open *Your Account*, change the Theme and Language, Search or go to the Advanced Search. The elements visible here are almost always available.

### Logo

Press on the logo to return to the homepage

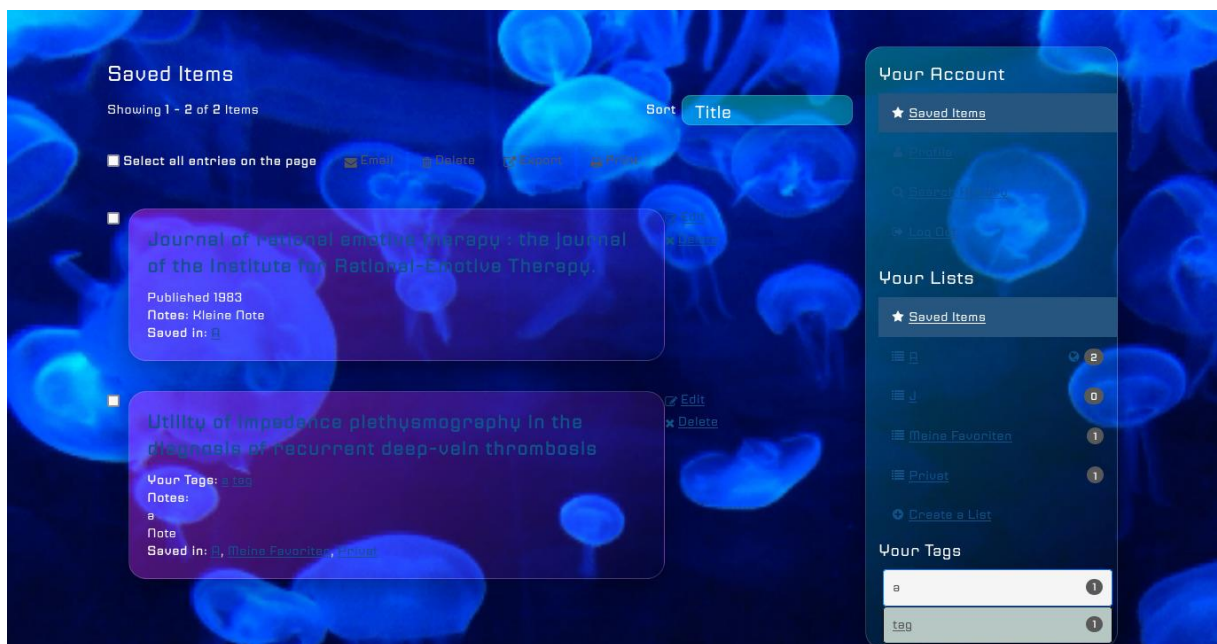
### Theme

Change your Theme. Only possible if others themes are enabled. DataDiver delivers only the DataDiver Theme, which is a modification of Bootstrap 3. You change themes by pressing *Theme* and selecting your chosen theme.

### Language

DataDiver can be viewed in different languages. There are currently 35 languages. You can change the language by pressing the dropdown *Language* and selecting your chosen language.

## Your Account page



### Your Account page

You can visit the page *Your Account* by clicking *Your Account*. This page is only available for users with accounts.

### Saved Items

*Saved Items* is the standard page of *Your Accounts*. Saved items is a list (see lists) that is already present after creating your account. *Saved Items* cannot be deleted

### Profile

Under *Profile* you can see your personal details: Your *First Name*, *Last Name* and *Email*. Here you can also change your *Email Address* or *Password*.

### Create New Password

Enter your *Old Password*, enter your *New Password*, repeat your *New Password* and press *Submit*. Surprisingly, you are not restricted to letters, numbers and common punctuations.

### Change Email Address

Enter your new *Email Address* and press *Submit*. You will receive a verification mail on your new Address.

### Search history

You can view your recent searches on *Search History*. This includes the search time, your filters and the number of results. The searches will disappear after some time. If you save your recent searches, they will be transferred to saved Searches and remain there until you delete them.

## Lists

You can add Papers to Lists for easier handling.

The list *Saved Items* is already established and cannot be deleted.

### Creating and adding to Lists

When you create a List, you can add a short description and choose if you want the list to be private or public. You can create Lists on *Your Account* Site or while adding a paper to a list.

It is possible to add a paper to different lists. You can add a paper to a list by pressing *Save to List* on the preview on the results page or by pressing *Save to List* on the page of the paper.

While adding a paper to a list, you can also add a Tag or a Note. The note is visible when you look at the list.

If you are looking at a paper (Preview in Results or page of Paper) you can see the lists the paper is a part of.

### Your Lists on Your Account

You can manage your lists on *Your Account* Site. Each list has its own page. This page has the following elements:

- Edit Lists*: Change name, access or Description

- A short overview of each element of the list. Includes Name, Notes, Tags and Lists. You can sort by Title, Author, Date Descending, Date Ascending.

- Email*: Send the paper via mail.

- Delete*: Delete an entry from the list.

- Export: See *Export Record*

- Print: See *Print*

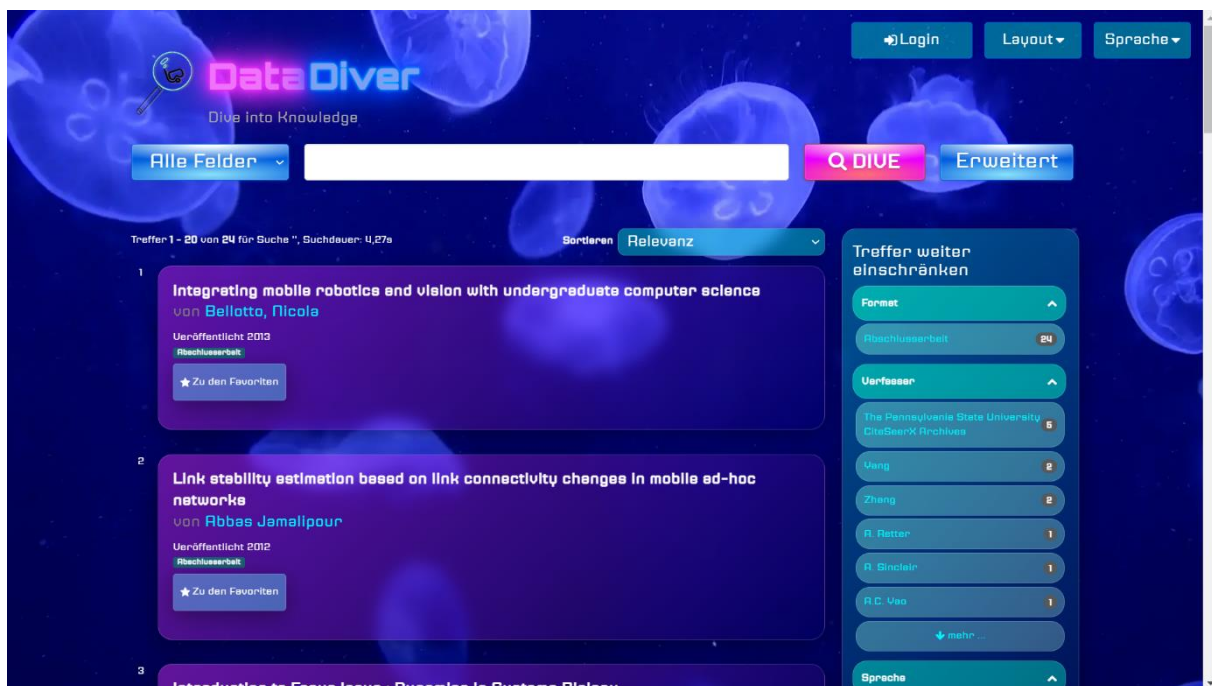
*Email*, *Delete*, *Export* and *Print* can be used on multiple elements of the list at once: Press the checkbox next to the items that you want or press *Select all Entries* for all items.



## Basic Search

Enter your search terms in the search bar. Select the search type in the Dropdown. Possible search types: Title, Author, Subject, Call Number, ISBN/ISSN, Tag, All Fields. Then, press *Dive*. If the search fields remain empty, then there are no restrictions, so all papers will be shown. Afterwards, you can still refine with filters. *Basic Search* keeps your filters if you have chosen any.

## Search Results



### Search Results Page

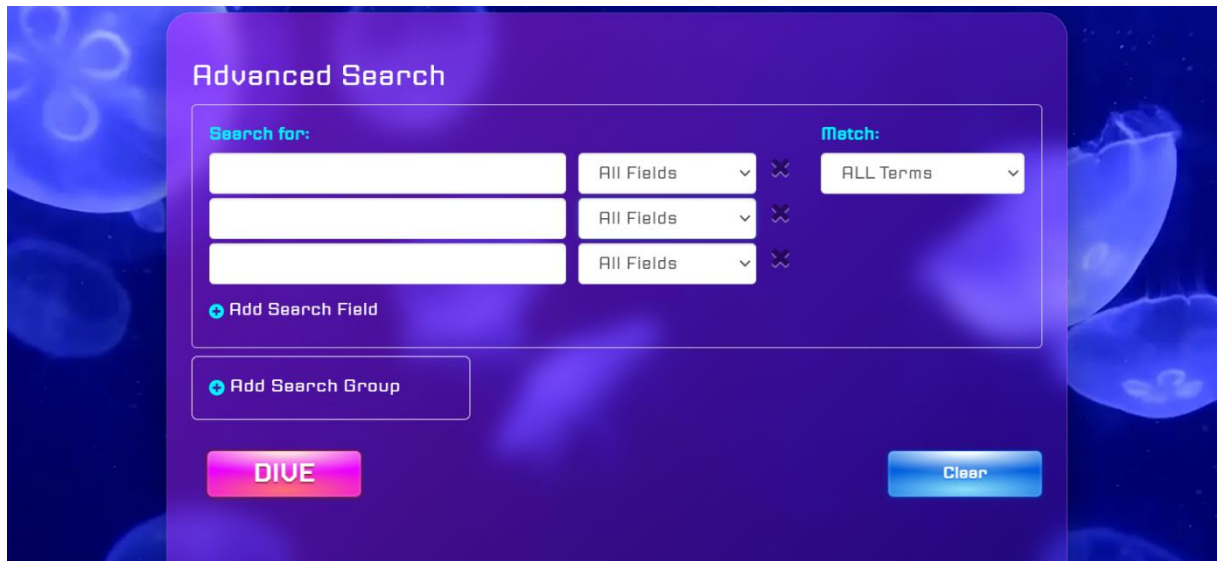
The preview of the papers that match your search criteria and filters will be shown in a list. This list can be sorted by: Relevance, Date Descending, Date Ascending, Call Number, Author or Title.

The preview of the paper contains the title and the most important information like format and date. You can also see here what lists the paper is part of or add them to a list. the lists you saved them in. Click on the preview to get to the page of the paper.



## Advanced Search

Click on *Advanced* to get to the Advanced Search.



### *Advanced Search*

Advanced Search works similarly to Basic Search: Write your search in the Search par and choose the field you want to search in, then press find. The differences are:

- There are more search types to choose from.
- You can add multiple Search Fields. These fields interact in different ways:

All Terms: Only the result that match the search from all search fields will be shown:

Boolean A AND B AND..

Any Terms: All the results that match the search from one search field will be shown:

Boolean A OR B OR...

No Terms: The results that match the search from one search field will not be show:

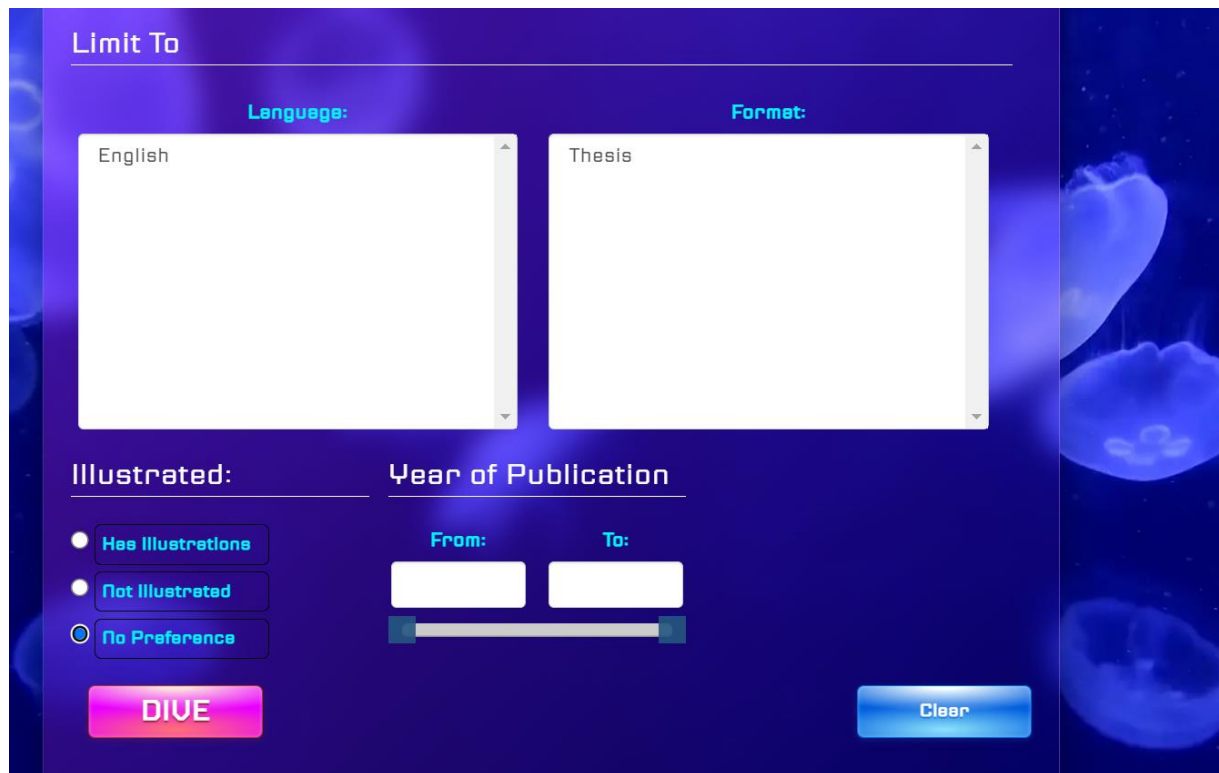
Boolean NOT (A OR B OR...)

- You can add multiple Seach Groups. A search group can have multiple search fields. The search groups also interact. You can choose All Groups or Any Groups. All Groups is similar to All Terms and Any Group to Any Term. Each group has its internal interactions. The internal matching will be done first.

Example: You have two Search Groups and chosen All Groups. The first groups contains A and B, the second group C or D. Then the search will be (A and B) and (C or D).

Empty Search Fields and Groups with only empty search fields will not be considered. If the whole search is empty, then all results will be shown.

## Advanced Search Filters



Limit To

Language: English

Format: Thesis

Illustrated:

☒ Has Illustrations

☐ Not Illustrated

☐ No Preference

Year of Publication

From: To:

DIVE

Clear

### Advanced Search Filters

The lower half of the *Advanced Search* page consists of filters. Click the filters you want to add.

If you are editing a *Advanced Search* and already have some filters installed, you can choose to remove them individually or all together by removing the checkmark.

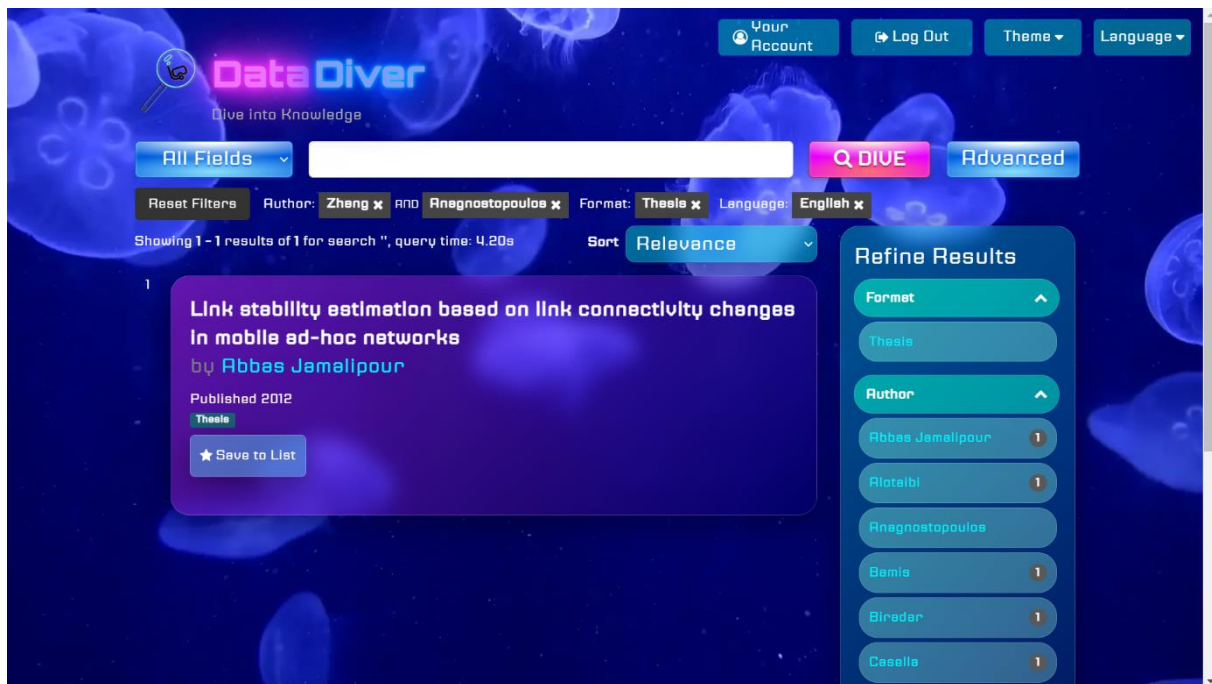
### After the Advanced Search

The result will be shown like in the Basic Search. You can also still add more filters or remove some Filters you have chosen.

There is no Search Bar. Instead, you have to choose if you want to *Edit this Advanced Search*, *Start a new Advanced Search* or *Start a new Basic Search*. Keep in mind that a new Advanced Search, unlike a new Basic Search, will remove the filters.

## Filters

Filters are an option to further refine your search results. Only the papers matching the filters will be shown. Filters can be added or deleted after the search or during an advanced search. Your chosen filters will be shown at the top. Press on the filter to remove it or press Reset Filters to remove all. If you add a Filter on the Results page, you can see how many papers will remain after adding them. If no papers will remain then the filter won't show up.



*Result Page with chosen Filters at the top and possible right*

## Year of Publication

*Year of Publication* is a special filter: It contains two arguments, *From* and *To*. *From* is the earliest possible year, *To* the latest. You can enter the two Arguments by writing them in the field or by adjusting the sliders and then pressing *Set*. The sliders are limited, but you can write any years. If you have accidentally wrote them the wrong way, then it will be automatically corrected. If one argument remains empty, then there will be no restrictions to this argument.

## The Records

The screenshot shows the 'Data Diver' interface with a dark blue background and jellyfish-like patterns. At the top, there's a search bar with a magnifying glass icon and the text 'Data Diver Dive Into Knowledge'. To the right are buttons for 'Login', 'Layout', and 'Sprache'. The main title of the record is 'Integrating mobile robotics and vision with undergraduate computer science'. Below the title are buttons for 'Zitieren', 'Drucken', 'Datensatz exportieren', 'Zu den Favoriten', and 'Persestanter Link'. The record details are displayed in a table-like format:

1. Verfasser:	Belotto, Nicole
Weitere Verfasser:	Cieliekh, Grzegorz, Duchatt, Tom
Format:	Abchlussarbeit
Sprache:	Englisch
Veröffentlicht:	Institute of Electrical and Electronics Engineers (IEEE): 2013
Schlagworte:	robotics student engagement mobile platform field of computer research conducted computer science correlation module
Online Zugang:	<a href="https://core.ac.uk/download/3052380.pdf">https://core.ac.uk/download/3052380.pdf</a> <a href="https://core.ac.uk/reader/3052380">https://core.ac.uk/reader/3052380</a> <a href="https://core.ac.uk/reader/3052380/arc">https://core.ac.uk/reader/3052380/arc</a> <a href="https://core.ac.uk/works/4612/29">https://core.ac.uk/works/4612/29</a>
Tags:	Keine Tags, Fügen Sie den ersten Tag hinzu <a href="#">tag hinzufügen</a>

On the right side, there's a section titled 'Ähnliche Einträge' (Similar Entries) with two recommendations:

- 'Effects of Team-Based Computer Interaction: The Media Equation and Game Design Considerations' von: Gardner, John, Veröffentlicht: (2005)
- 'Defining and Identifying communities in networks' von: C. Castellano, Veröffentlicht: (2004)

### Records Page

You open a record by searching and then clicking on the paper you want. You can then see detailed information or perform certain actions.

The detailed information is visible in the middle.

You get recommendations of Papers similar to the one you are currently viewing.

On the bottom, you can select what further information you want to see:

### Description

Short Description; can contain: ISSN, Accepted Date, Deposited Date, Publication Frequency, Physical Description,...

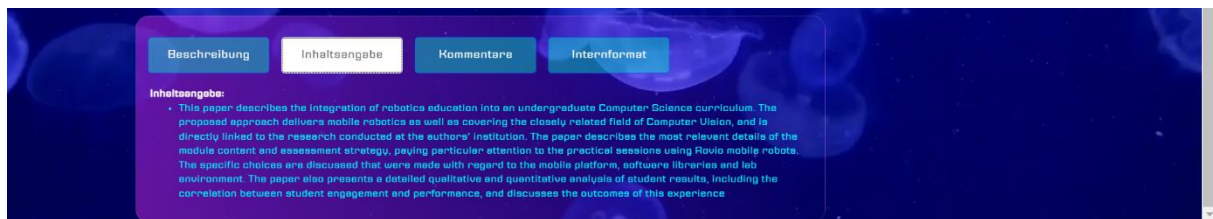
The screenshot shows the 'Description' tab selected in the 'Data Diver' interface. The tab is highlighted in blue. Below the tab are two rows of information:

Beschreibung:	Accepted Date: 2012-09-03T00:00:00 Deposited Date: 2012-09-07T08:17:00
ISSN:	0018-9359

### Description

## Table of Contents

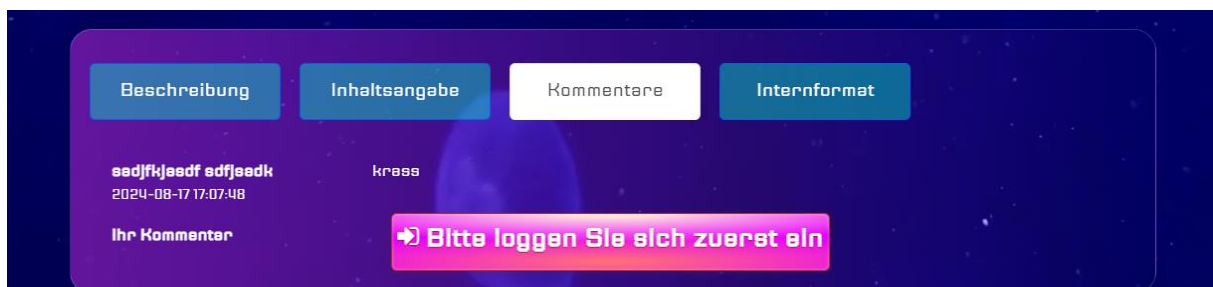
Short summary of the paper



## Table of Contents

## Comments

You can add comments to a paper. A comment, its author and date will be visible to everyone. You can add multiple comments or delete your comments again.



Comments, not logged in

## Staff View

Contains the MARC-Data of the record.

Beschreibung

Inhaltsangabe

Kommentare

Internformat

MARC

LEADER	00000	a2200000	4500												
001	4212729														
008	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx														
005	20211222042955.0														
856		u <a href="https://core.ac.uk/download/9052390.pdf">https://core.ac.uk/download/9052390.pdf</a>													
245	1	0	a Integrating mobile robotics and vision with undergraduate computer science												
500	a Accepted Date: 2012-09-03T00:00:00														
035	a oai:eprints.lincoln.ac.uk:6031														
035	a 187037675														
024	7	a 10.1109/ta.2012.2213822  2 doi													
035	a 9052390														
035	a oai:eprints.lincoln.ac.uk:6031														
710	2														
710	2														
500	a Deposited Date: 2012-08-07T06:17:00														
856	u <a href="https://core.ac.uk/download/9052390.pdf">https://core.ac.uk/download/9052390.pdf</a>														
856	u <a href="https://core.ac.uk/reader/9052390">https://core.ac.uk/reader/9052390</a>														

Marc-Data

## Tags

You can add *Tags* to a paper. A comment is visible to everyone, but the author and date will be unknown. If another user adds the same tag(manually or by pressing + on the tag), then its number will increase. You can add a specific tag to a paper only once, but you can add multiple tags. If you delete a tag, it disappears or decreases its counter. Tags can be added on the page of the paper or while adding it to a list.

## Cite this

View its citations. May not always be 100% correct.

## Print this

A depiction of the paper suitable for printing. An actual printing or save function has not been implemented.

## Export Record

Press this button to export the record. Possible options are: RefWorks, EndNoteWeb, EndNote.

## Permanent Link

Use this function to copy the link of this page to the clipboard.