

LitDB - Tutorial

27.03.2017



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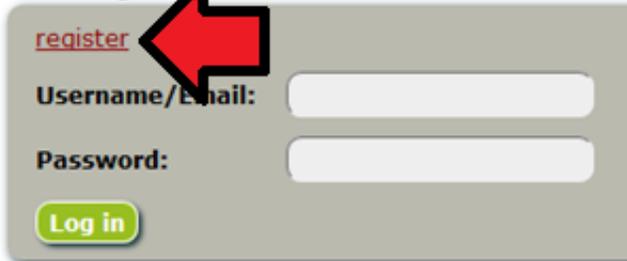
Create an account

First of all go to the LitDB webpage:

<https://litdb.ikmb.uni-kiel.de>

LitDB | Login Page

Please log in below...



register

Username/Email:

Password:

Log in

To create a new LitDB account click the 'register'-link on the login page.

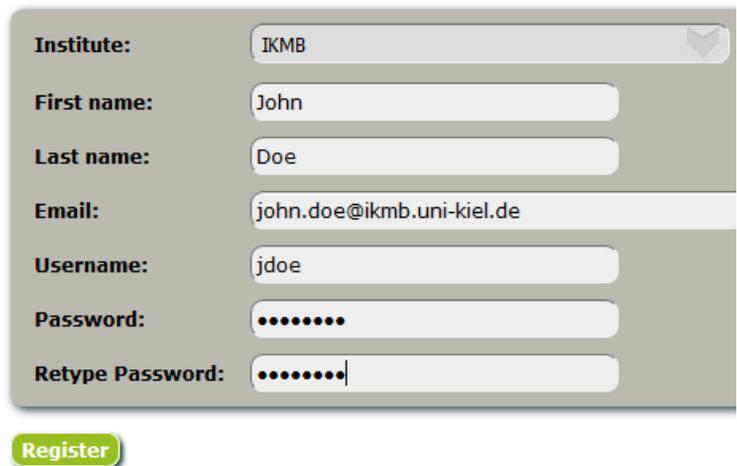
Fill out the registration form and press the 'Register'-button.

The newly created account will then be activated by an administrator. After activation you will receive an email.

LitDB



Registration Page



Institute:

First name:

Last name:

Email:

Username:

Password:

Retype Password:

Register

Logged in? And now?

Third Party
Projects

Institutes

Journals

Papers

Teams

Important! Please read before using to avoid misunderstandings!

1. Setting of aliases:

Before you are able to start working with the database, you have to add all of your existing author signatures, which you are currently using or have ever used for your publications. Only then you will be able to transfer all of your publications from the PubMed database to the literature database. Now click [HERE](#) to add your signatures.

2. Uploading publications from PubMed:

Please be aware, that the LitDB is only able to automatically upload publications via a PMID, PMCID or DOI. You may search and upload your publications from [HERE](#).

3. Adding publications manually:

If your PubMed search didn't give any or unexpected results or you are sure, that a particular publication is really not included in the PubMed-database, you will have to add the publication manually. You can follow this [URL](#), alternatively move your mouse over the 'Papers'-Button in the navigation bar on the left, the submenu 'add manually' will appear. Please fill in the form and click on 'add paper' afterwards.

4. Publications, detail view and editing:

You can search for any publication contained in the LitDB from [HERE](#).

To view the details of a publication click on the -symbol, which can be found beside each publication in the list. If you want to change the publication type (Original Paper, Review, ...), upload a PDF of the publication, associate a publication with your account, a third party project, team or list, then click on the -symbol.

LitDB contains currently **45044** articles published in **3620** of **10146** journals.

9 articles are associated with your account.

After the first login perform the following steps:

1. [Update your profile](#)
2. [Edit your aliases](#)
3. [Upload your papers](#)
4. [Associate papers with your account](#)
5. [Update your citations and statistic](#)

Profile

LitDB | Profile

PORTAL | My Space

1 PROFILE | Welcome, Lars Kraemer (logout)
Change Password 2

Profile

Username: sukmb130

First name:

Last name:

Email:

ORCID: 3

My institutes:

Institute	Name
IKMB	Institut für klinische molekular Biologie, Christian-Albrechts-Universität zu Kiel

My aliases: 4

Fore Name	Last Name
Lars	Kraemer
L	Kraemer
Lars	Krämer
L	Krämer

To open the profile page click on the ‚PROFILE‘-link in the menu-bar (1).

Hovering over the ‚PROFILE‘-link also opens a sub-menu containing a link for changing your password (2).

You may set your ORCID identifier (3), to enable LitDB to connect to your ORCID account (but at the moment there are no ORCID related features available).

Aliases are very important, they are used for associating papers, contained in the LitDB, to your account. Press the ‚edit‘-button (4) next to the alias list to add or remove aliases.

Aliases

Add Alias

Your aliases should encompass all possible variation of your name in an article author list.
For example: "Max Mustermann", "M Mustermann"

Alias List

	Fore Name	Last Name
✘	Lars	Kraemer
✘	L	Kraemer
✘	Lars	Krämer
✘	L	Krämer

Please enter a new alias below...

Fore Name:

Last Name:



You can find a link to the alias page on your ,PROFILE'- and ,My Space'-page.

Please make sure you enter all possible aliases of your name, which could appear in the author string of an article. This also means, that the ,Fore Name'-field will contain only the first letter of your first and/or middle names for some aliases (look at the picture above).

My Space - Papers

LitDB | My Space

PORTAL | **My Space** 1

PROFILE | Welcome, Lars Kraemer (logout)

Third Party
Projects

Institutes

Journals

Papers

Teams

Grants (0)

Lists (1)

Papers (6)

Patents (0)

Teams (3)

Statistics

[edit alias](#) [update citations](#) [get ORCHID papers](#)

Impact Factor overview:

Year	Papers	First author	Last author	IF AVG	IF MIN	IF MAX	IF SUM	Citations	
2009	1	1	0	2.435	2.435	2.435	2.435	13	download
2012	3	1	0	6.082	3.057	9.423	18.246	63	download
2013	1	0	0	2.583	2.583	2.583	2.583	4	download
2015	1	0	0	5.228	5.228	5.228	5.228	0	download
Total:	6	2	0	4.082	2.435	9.423	28.492	80	download

h-Index: 4 (last update: Feb. 16, 2017, 5:51 p.m.)

The articles in the following table contain one of your aliases in the authorlist.

Please confirm/decline the association by clicking on the -icon next to each article.

Articles for association:

PMID:

  Genome and low-iron response of an oceanic diatom adapted to chronic iron limitation.	22835381
  Gene expression and physiological changes of different populations of the long-lived bivalve <i>Arctica islandica</i> under low oxygen conditions.	23028566
  Initial symbiont contact orchestrates host-organ-wide transcriptional changes that prime tissue colonization.	23954157

To open the 'My Space'-page click on the 'My Space'-link in the menu-bar (1).

Here you get an overview of your papers, grants, lists, patents, and teams.

On the 'Papers'-tab you will see a summary table of all your papers containing information about impact factors and citations. Furthermore you can [associate papers](#) with your account (2) and search/filter for papers already associated.

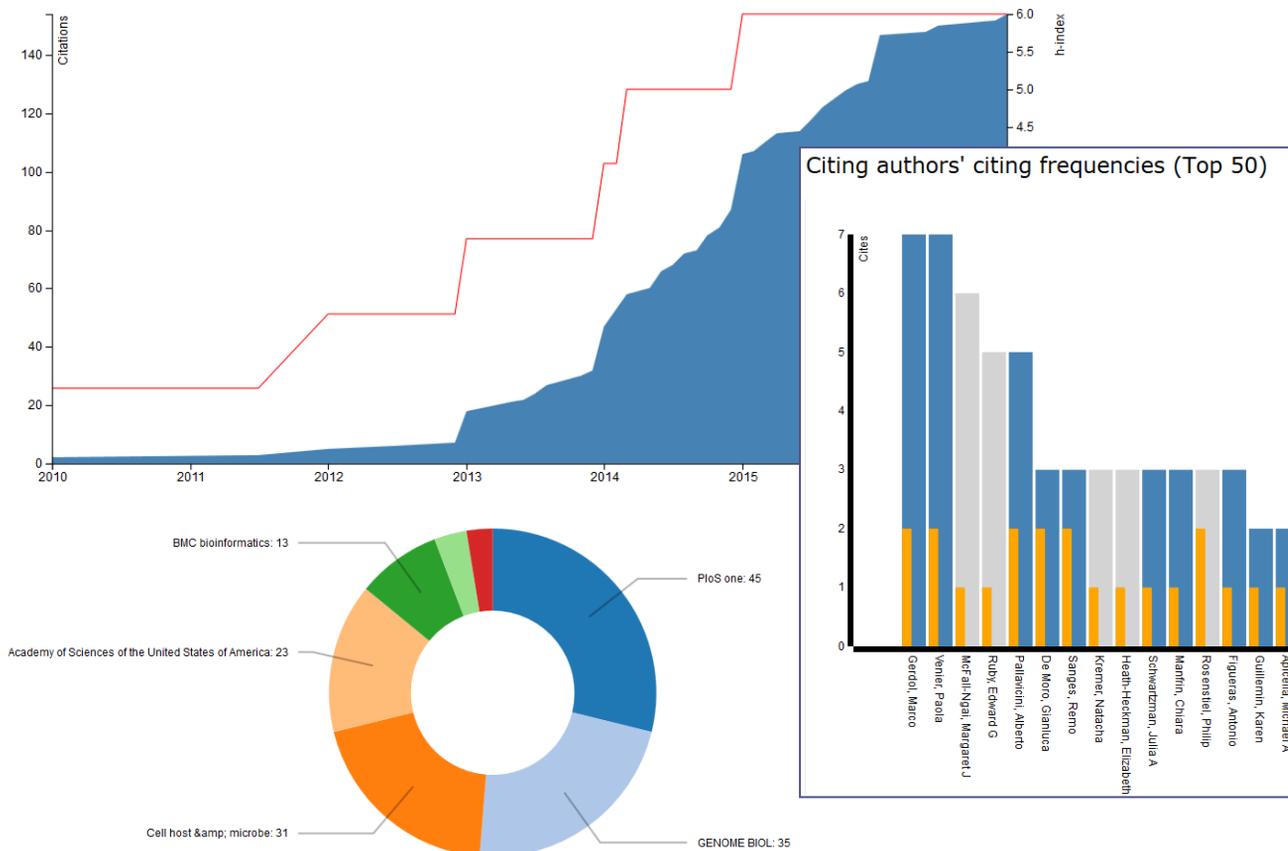
My Space - Statistics

Grants (0) Lists (1) Papers (6) Patents (0) Teams (3) **Statistics**

update (last update: 2017-02-21 15:19)

Citations over time Citing Authors Journal citations/papers

Citations over time



The 'Statistics'-tab shows different diagrams regarding your papers, citations, impact factors, co- and citing-authors.

To recalculate the statistics press the 'update'-button.

You may double click on bars or pie slices to jump to a page with related data.

Paper

Original Article: The Transcriptome Analysis and Comparison Explorer--T-ACE: a platform-independent, graphical tool to process large RNAseq datasets of non-model organisms.

E E R Philipp, L Kraemer, D Mountfort, M Schilhabel, S Schreiber, P Rosenstiel [22285826](#)

[edit](#)  1

Abstract:

MOTIVATION

Next generation sequencing (NGS) technologies allow a rapid and cost-effective compilation of large RNA sequence datasets in model and non-model organisms. However, the storage and analysis of transcriptome information from different NGS platforms is still a significant bottleneck, leading to a delay in data dissemination and subsequent biological understanding. Especially database interfaces with transcriptome analysis modules going beyond mere read counts are missing. Here, we present the Transcriptome Analysis and Comparison Explorer (T-ACE), a tool designed for the organization and analysis of large sequence datasets, and especially suited for transcriptome projects of non-model organisms with little or no a priori sequence information. T-ACE offers a TCL-based interface, which accesses a PostgreSQL database via a php-script. Within T-ACE, information belonging to single sequences or contigs, such as annotation or read coverage, is linked to the respective sequence and immediately accessible. Sequences and assigned information can be searched via keyword- or BLAST-search. Additionally, T-ACE provides within and between transcriptome analysis modules on the level of expression, GO terms, KEGG pathways and protein domains. Results are visualized and can be easily exported for external analysis. We developed T-ACE for laboratory environments, which have only a limited amount of bioinformatics support, and for collaborative projects in which different partners work on the same dataset from different locations or platforms (Windows/Linux/macOS). For laboratories with some experience in bioinformatics and programming, the low complexity of the database structure and open-source code provides a framework that can be customized according to the different needs of the user and transcriptome project.

Citations: 5 (last update: Feb. 20, 2017, 2:45 p.m.)

 [update citations](#)

Type	Title	Journal	Year	ID Link
 Original Article	Annotcpi: a flexible pipeline for the annotation of transcriptomes able to identify putative long noncoding RNAs. Francesco Musacchia et al.	Bioinformatics	2015	25701574
 Original Article	Trav: a genome context sensitive transcriptome browser. Sascha Dietrich et al.	PloS one	2014	24709941
 Original Article	Age-dependent expression of stress and antimicrobial genes in the hemocytes and siphon tissue of the Antarctic bivalve, <i>Laternula elliptica</i> , exposed to injury and starvation. G Husmann et al.	Cell stress & chaperones	2013	23666709
 Original Article	TRAPID: an efficient online tool for the functional and comparative analysis of de novo RNA-Seq transcriptomes. Michiel Van Bel et al.	GENOME BIOL	2013	24330842
 Original Article	Genome and low-iron response of an oceanic diatom adapted to chronic iron limitation. Markus Lommer et al.	GENOME BIOL	2012	22835381

Downloads:

- [pdf_files/Bioinformatics-2012-Philipp-777-83.pdf](#)  3

Journal	Volume	Issue	Pages	Publication Date	Cited Medium	ISSN	ESSN
 Bioinformatics	28	6	-	14.03.2012	Internet	1367-4803	1367-4811

Event	Date
aheadofprint	27.01.2012
entrez	31.01.2012
pubmed	31.01.2012
DateCreated	20.03.2012
DateCompleted	04.09.2012
medline	05.09.2012
DateRevised	20.05.2013

Key	Identifier
pii	bts056
doi	10.1093/bioinformatics/bts056
pubmed	22285826

Third Party Project
 Excellence Cluster - Inflammation at Interfaces

Team	Description
 ZZ Stefan Schreiber (als Project)	Schreibers Publikationen - erstmal als Project

The 'Paper Details'-page displays most of the according papers information stored in the LitDB.

By pressing the 'edit'-button (1) you may add or alter certain paper data.

Here you can also update the paper citations (2) or download an PDF file of the article, if available.

Paper - Import

LitDB | Paper Import

PORTAL | My Space

Third Party Projects

Institutes

Journals

Papers

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Import Papers (via search or from files)

Search File Upload

Search: ⓘ Author search

import

add manually



To import new publications into the LitDB go to ‚Papers‘ in the side menu and choose the option ‚import‘.

There you may search for certain paper identifiers (PMID, PMCID, DOI), ORCID-Ids, or author names.

You may enter multiple values into the search field, separated by white space. When searching for an author you may enter the last name and first name separated by comma and in double quotes, e.g.: „doe,john“.

Paper - Import

Import Papers (via search or from files)

Search File Upload

Search:

Select papers for upload

<input checked="" type="checkbox"/>	Title	Journal	Year	PMID
<input checked="" type="checkbox"/>	Axiomatic Relation between Thermodynamic and Information-Theoretic Entropies. Weilenmann M et al.	Phys Rev Lett	2016	28059535
<input checked="" type="checkbox"/>	Body size-dependent Cd accumulation in the zebra mussel <i>Dreissena polymorpha</i> from different routes. Tang WL et al.	Chemosphere	2017	27823784
<input checked="" type="checkbox"/>	SiglecF+Gr1hi eosinophils are a distinct subpopulation within the lungs of allergen-challenged mice. Percopo CM et al.	J Leukoc Biol	2017	27531929

 1

Papers already in database:

	Title	Journal	Year	PMID
 2 	Vy-PER: eliminating false positive detection of virus integration events in next generation sequencing data. Forster M et al.	Sci Rep	2015	26166306
	Initial symbiont contact orchestrates host-organ-wide transcriptional changes that prime tissue colonization. Kraemer N et al	Cell Host Microbe	2013	23954157

After a search there may appear two lists of papers. The first list contains papers that can be imported into the LitDB. To do this just click the 'upload to database'-button (1).

The second list contains papers already available in the LitDB. If the paper you are searching for appears in this second list, but does not appear in the 'association'-list on your 'My Space'-site, please press the details button (2) to left of the paper title. This leads you to the details page of the paper. Here you can check the author string for your name and compare it to your aliases.

Paper - Import

Import Papers (via search or from files)

Search

File Upload

Only the PubMed IDs will be extracted from the uploaded file. Any article entry without such an ID tag cannot be inserted into the database.

File:

Durchsuchen...

Keine Datei ausgewählt.

select

File Formats:



PubMed XML



Mendeley BIB, EndNote XML or text file (with one ID per row)

When searching for a high number of PMIDs or DOIs it is possible to upload a .txt file containing the IDs (one ID per row).

Also PubMed XML, EndNote XML, or BIB files can be uploaded. In this case all PMIDs get extracted from the file and a normal search is performed on this ID list.

Paper - Association

To associate a paper with your account (or edit it) click on the pencil button (1) in the 'papers to associate'-list on your 'My Space'-page or the 'edit'-button on a 'Paper Details'-page.

The articles in the following table contain one of your aliases in the authorlist.

Please confirm/decline the association by clicking on the -icon next to each article.

Articles for association:		PMID:
 	Genome and low-iron response of an oceanic diatom adapted to chronic iron limitation.	22835381
 	Gene expression and physiological changes of different populations of the long-lived bivalve <i>Arctica islandica</i> under low oxygen conditions.	23028566
 	Initial symbiont contact orchestrates host-organ-wide transcriptional changes that prime tissue colonization.	23954157

This leads you to the 'Paper associate/edit'-page.

[back to details](#) Upload PDF: Add to Team:

Paper Type:

Genome and low-iron response of an oceanic diatom adapted to chronic iron limitation. 

Markus Lommer, Michael Specht, Alexandra-Sophie Roy, **Lars Kraemer**, Reidar Andreson, Magdalena A Gutowska, Juliane Wolf, Sonja V Bergner, Markus B Schilhabel, Ulrich C Klostermeier, Robert G Beiko, Philip Rosenstiel, Michael Hippler, Julie LaRoche, Julie Laroche, [22835381](#)

Please select your author position for this paper...

Author Position: ...brings you back to 'My Space - Papers'

Please select third party projects for this paper...

Projects:

- DEEP - IHEC German Epigenome Programme
- e:Med e:AtheroSysMed
- e:Med sysINFLAME
- Excellence Cluster - Inflammation at Interfaces
- GRK1727 - Modulation of Autoimmunity
- IRTG1911 - Immunomodulation of Inflammation in Allergy and Infection
- PopGen 2.0 Network
- PopGen Biobank
- RTG1743/1 - Genes, Environment and Inflammation
- SFB 1182 - Origin and Function of Metaorganisms
- SFB 877 - Proteolysis as a Regulatory Event in Pathophysiology

Here you may set your author position by selecting it from the dropdown-list and pressing the 'associate'-button.

Furthermore you may set paper type, upload a PDF file of the article, or associate it with third party projects and teams.

Paper - Search

LitDB | Paper

PORTAL | My Space

PROFILE | Welcome, Lars Kraemer (logout)

Third Party
Projects

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Papers

Teams

Paper Search

Search:

You may enter multiple values separated by ',' into one search field. The field will always use '=' as search condition. When using the 'LIKE' or '*LIKE*' condition, use '*' as wildcard for zero or more characters and '_' for a single character. The '*LIKE*' condition adds wildcards on both sides automatically.

WHERE	Author	*LIKE*	kraemer	<input checked="" type="checkbox"/> Extended parameters
AND	Citations	>=	10	
AND	Journal	*LIKE*		
AND	ID (DOI,PII,PMID,PMC)	*LIKE*		

search

Articles (8 of 45045):

Type	Title download paper list	Journal	Year	PMID
Original Article	Core curriculum for the heart rhythm specialist. Jose L Merino et al.	Europace	2009	19710176
Original Article	Core curriculum for the heart rhythm specialist: executive summary. Jose L Merino et al.	Europace	2009	19710175
Original Article	Gene expression and physiological changes of different populations of the long-lived bivalve <i>Arctica islandica</i> under low oxygen conditions. Eva E R Philipp et al.	PloS one	2012	23028566
Original Article	Genome and low-iron response of an oceanic diatom adapted to chronic iron limitation. Markus Lommer et al.	GENOME BIOL	2012	22835381
Original Article	Initial symbiont contact orchestrates host-organ-wide transcriptional changes that prime tissue colonization. Natacha Kremer et al.	Cell host & microbe	2013	23954157
Original Article	Massively parallel RNA sequencing identifies a complex immune gene repertoire in the lophotrochozoan <i>Mytilus edulis</i> . Eva E R Philipp et al.	PloS one	2012	22448234
Original Article	RNAi screening identifies mediators of NOD2 signaling: implications for spatial specificity of MDP recognition. Simone Lipinski et al.	Proceedings of the National Academy of Sciences of the United States of America	2012	23213202
Original Article	STAMP: Extensions to the STADEN sequence analysis package for high throughput interactive microsatellite marker design. Lars Kraemer et al.	BMC bioinformatics	2009	19183437

Currently 45045 articles in LitDB

The paper search can be reached by clicking the 'Papers'-button in the left menu.

Search:

You may enter multiple values separated by ',' into one search field. The field will always use '=' as search condition.

When using the 'LIKE' or '*LIKE*' condition, use '*' as wildcard for zero or more characters and '_' for a single character.

The '*LIKE*' condition adds wildcards on both sides automatically.