

UNIVERSITÄT
DUISBURG
ESSEN

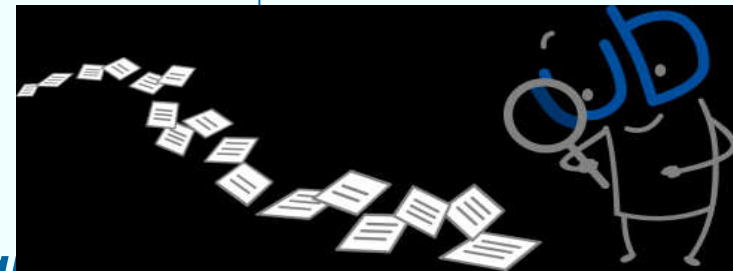
Open-Minded

Eike Spielberg:

DuEPublicA –

Automatisierte Reports aus der Uni-Bibliographie

[sic!] Jülich 2017 – Anwenderworkshop Bibliometrie





Essen

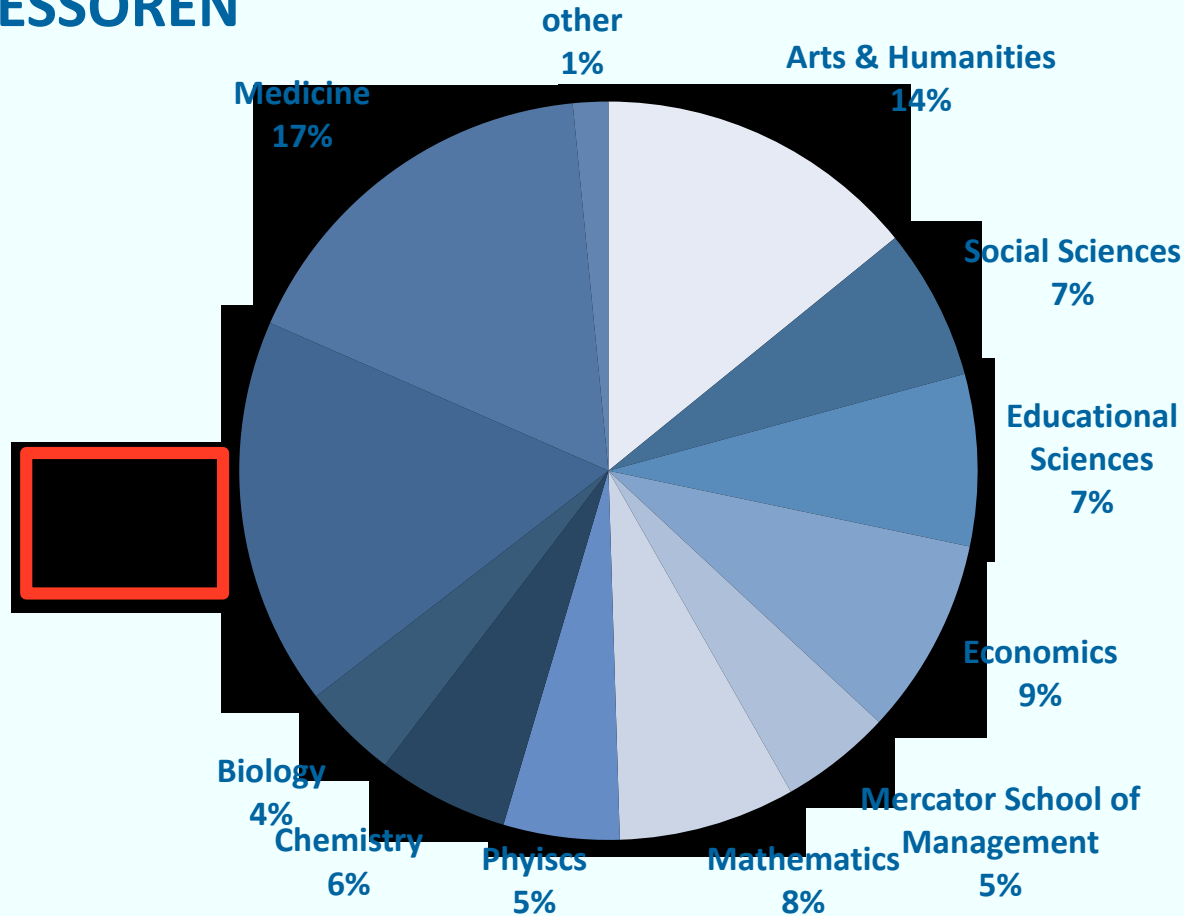
Duisburg



<https://www.uni-due.de/offen-im-denken/grafiken.php>

Warum erstellen wir unser eigenes Tool?

PROFESSOREN

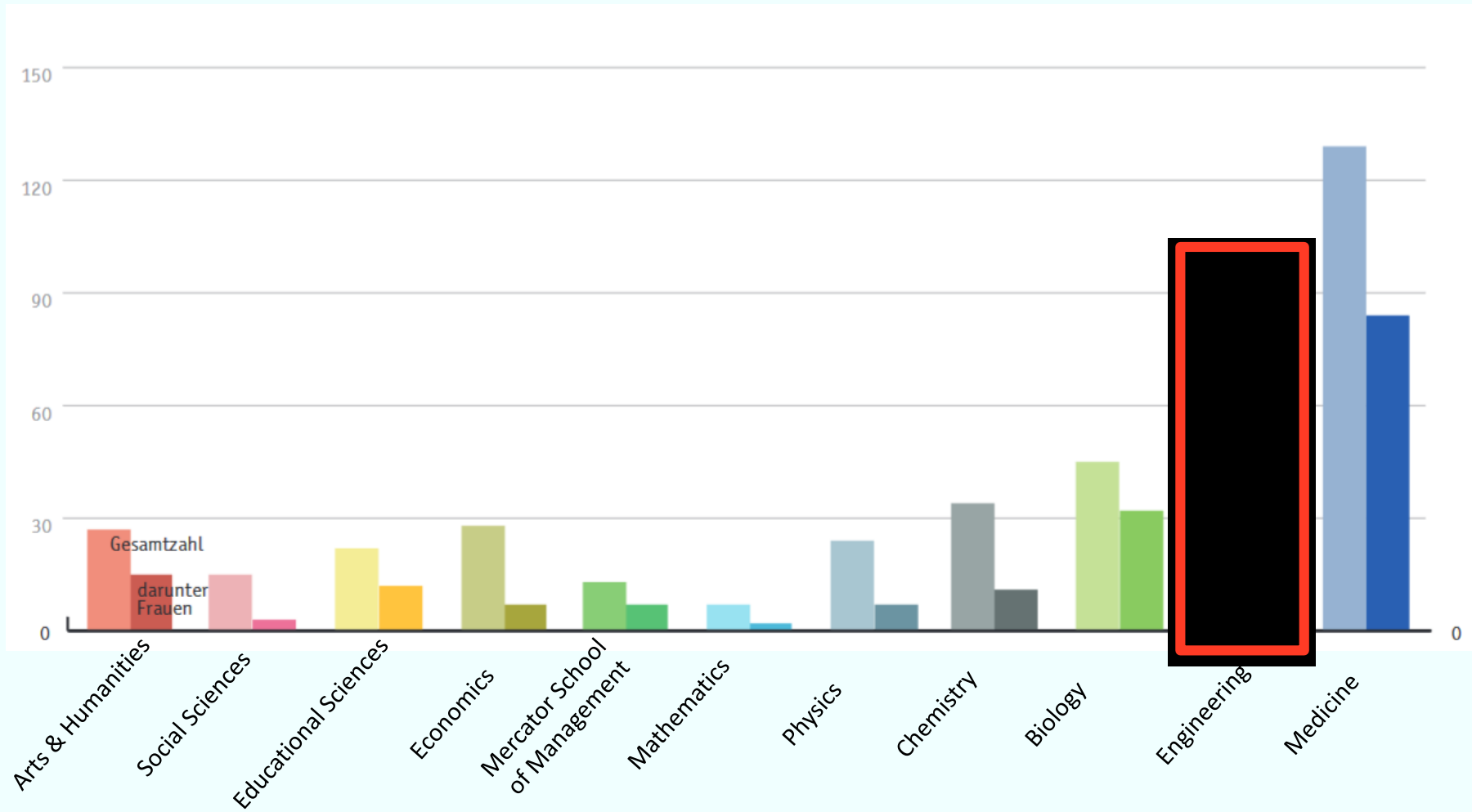


According to [account](#) 2014-2015

Promotionen @ Universität Duisburg-Essen 2015

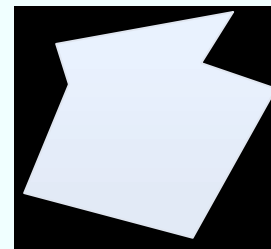
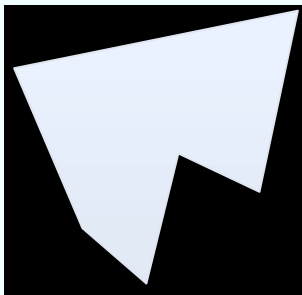
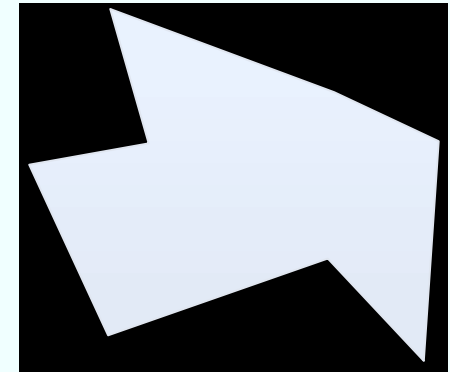
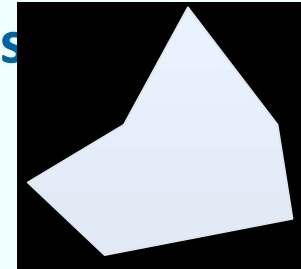
UNIVERSITÄT
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Open-Minded



- Sehr heterogen
- Elektrotechnik
gut abgedeckt
- Bauwissenschaften
kaum abgedeckt
- Zahlreiche andere Publikationsarten

- Traditionell starke Unabhängigkeit der Professoren
 - Kein “Controlling”
 - Keine zentralisierte Dateninfrastruktur
 - Kein CRIS (vielleicht bald)
- Starke Widerstände gegen Evaluation

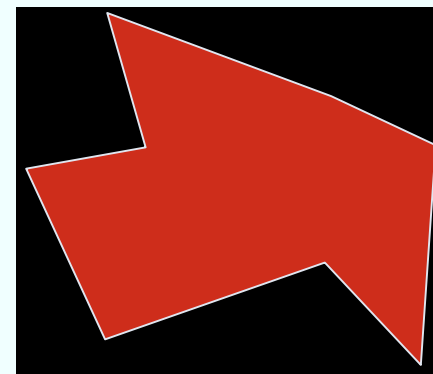
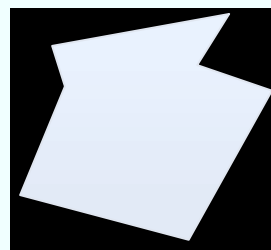
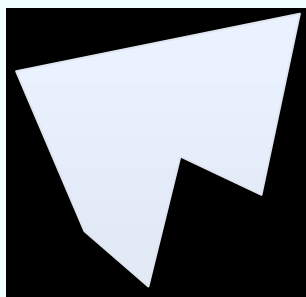
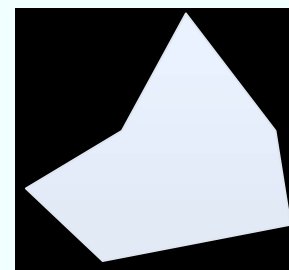


@ Universitätsbibliothek:

- Universitätsbibliographie
- Publikationsdienste: DuEPublico

(Duisburg-Essen Publications online)

- Datenbanken

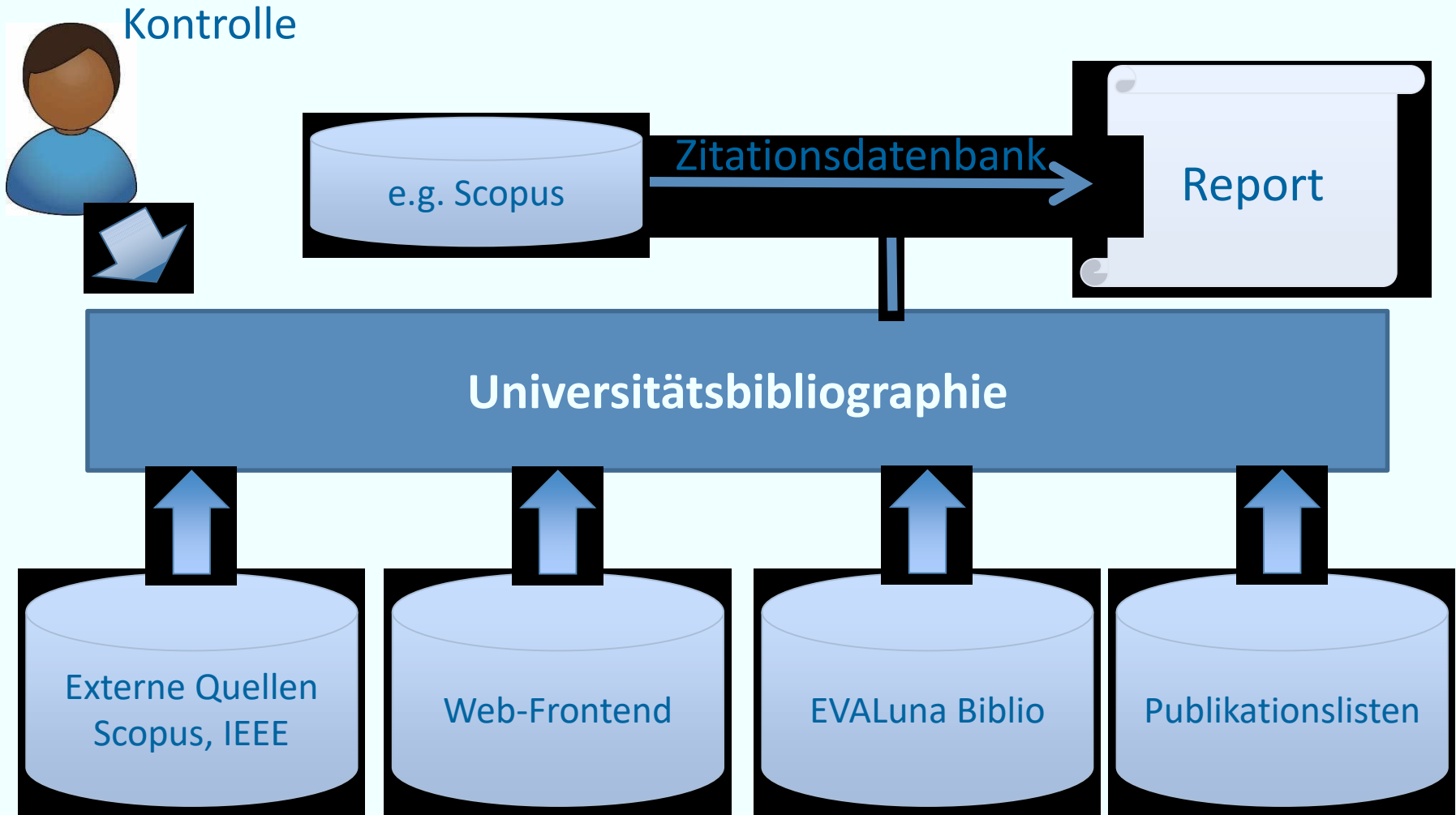


- **Seminare zu Datenbanken**
- **Bibliometrische Beratung**
- **Projektbasierte weitergehende Analyse**
- **Bibliometrische Reports für Wissenschaftler oder Gruppen**
- **Evaluation?**

Hauptproblem:

**Wie etablieren wir einen Evaluations-
service, ohne uns zu viele Feinde zu
machen?**

- **Einschluss aller Publikationsmedien**
 - **Transparente Basis**
- **Automatisierte Analyse**
 - **Standardisierter Ablauf**
- **Warnungen / Hinweise enthalten**
 - **Nicht von der Analyse zu trennen**



Drei Module (bis jetzt):

- **General Analysis**
 - Anzahl der Publikationen, Art der Publikationen
- **Citation Analysis**
 - Cpp, uncitedness, h-Index, Abdeckung
- **Affiliation Analysis**
 - Eigene und Partnerinstitutionen

Citation data from

Scopus



for

16643594900

Run

- **Web-Anwendung (Java/XML)**
- **Input: Name, Scopus Author ID, ORCID, local ID**
- **Dokumente im MODS-Format**

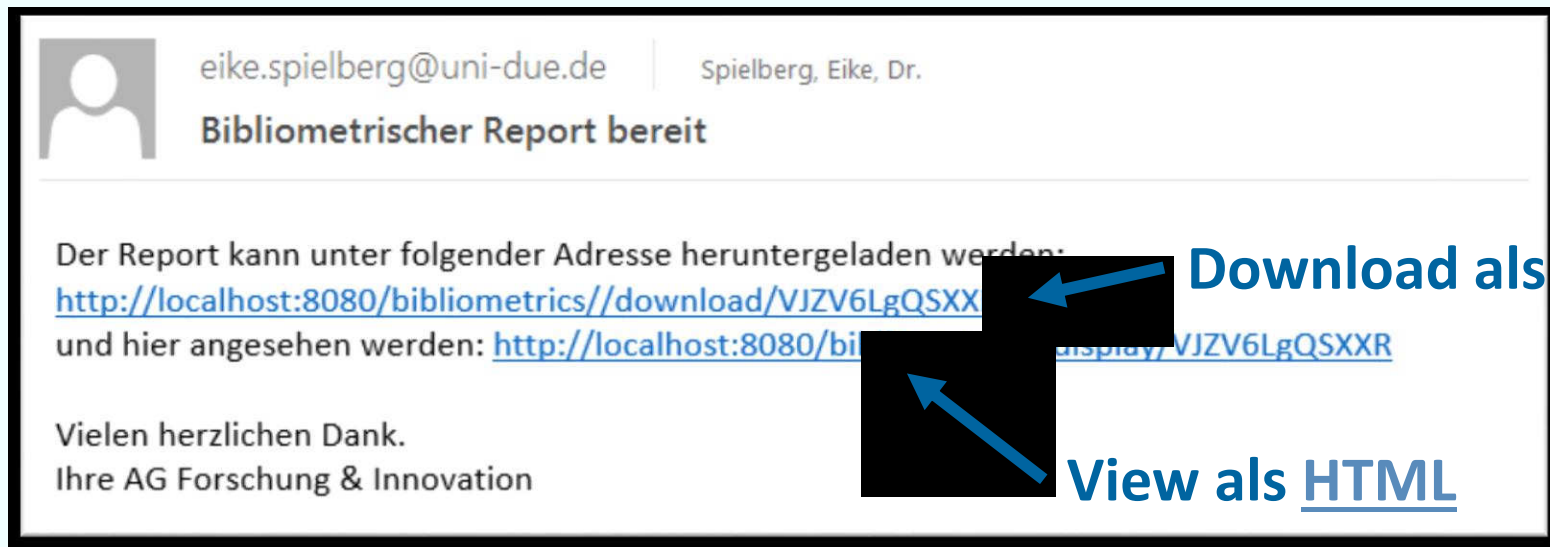
DuEPublicA :: Personal Analysis

Home Logout



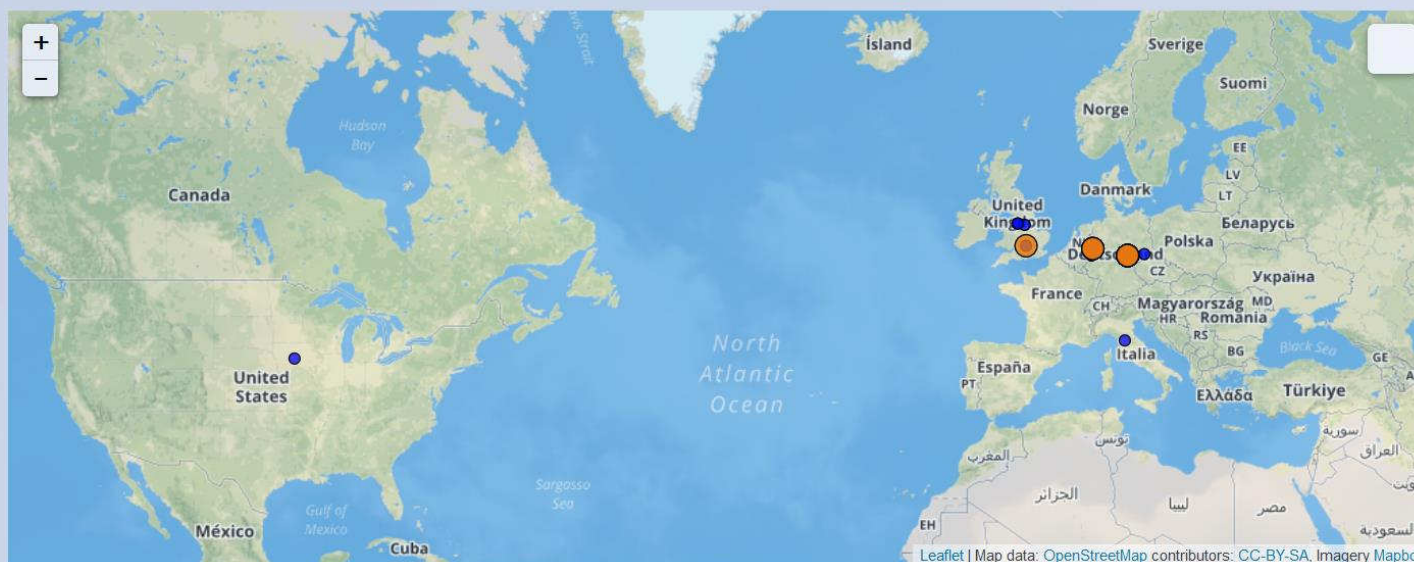
Bibliometric analysis for Eike T. Spielberg

- **Autorisierung und Nutzerrollen**



Bibliometric analysis for Eike T. Spielberg

Places Eike T. Spielberg has been publishing:



Data source

This bibliometric analysis of Eike T. Spielberg's publications is based on the publications which are listed in the Bibliography of the University Duisburg-Essen.

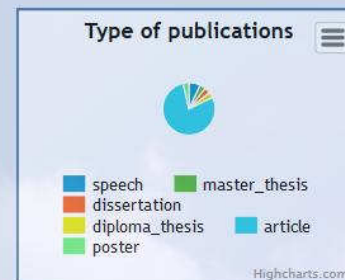
In general, the impact of a publications is correlated to the number of other publications citing this document. Citation data for articles in scientific journals, conference proceedings or book chapters were taken from the citation database [Scopus](#).

The database [Scopus](#) contains records of several selected publication forms (for example peer-reviewed journal articles, conference proceedings and book chapters). Publications as monographs are not included in the citation analysis. For a comprehensive evaluation this report should be accompanied by peer-reviews and alternative metrics. Please refer also to the 10 principles of research evaluation as outlined in the [Leiden Manifesto for Research Metrics](#)

Basic metrics

Eike T. Spielberg has published 28 publications between 2007 and 2017 which are listed in the University Bibliography.

The diagramme depicts the distribution over the available communication media (journal article, book chapter etc.)



Warning!

Only 78.6% of the publications in the University Bibliography are covered by the citation database. All citation analysis should be handled carefully as they do not represent the author's whole scientific output!

Citation metrics

N(Scopus):	$N_P =$	22
Total number of citations in Scopus:	$N_Z =$	328
Average citations per Publication	$C_pP =$	14.9
Fraction of non-cited publications:	$P_{\text{uncited}} =$	9.1%
Hirsch-Index	$h =$	8

In particular:

Average Citation per Publication

The average *citation per publication* (C_pP) represents a measure for the impact of the publications published by a scientist, a group of scientists or an institution. Calculated as the ratio between the total number of citation (C) and the total number of publications (P), the CCP allows for a relative comparison of the scientific attention. As an arithmetic average it is sensitive against outliers and does *not* consider the variance nor the the distribution of the citation counts. The data source as well as the number and nature of the publications influence the citation rate.

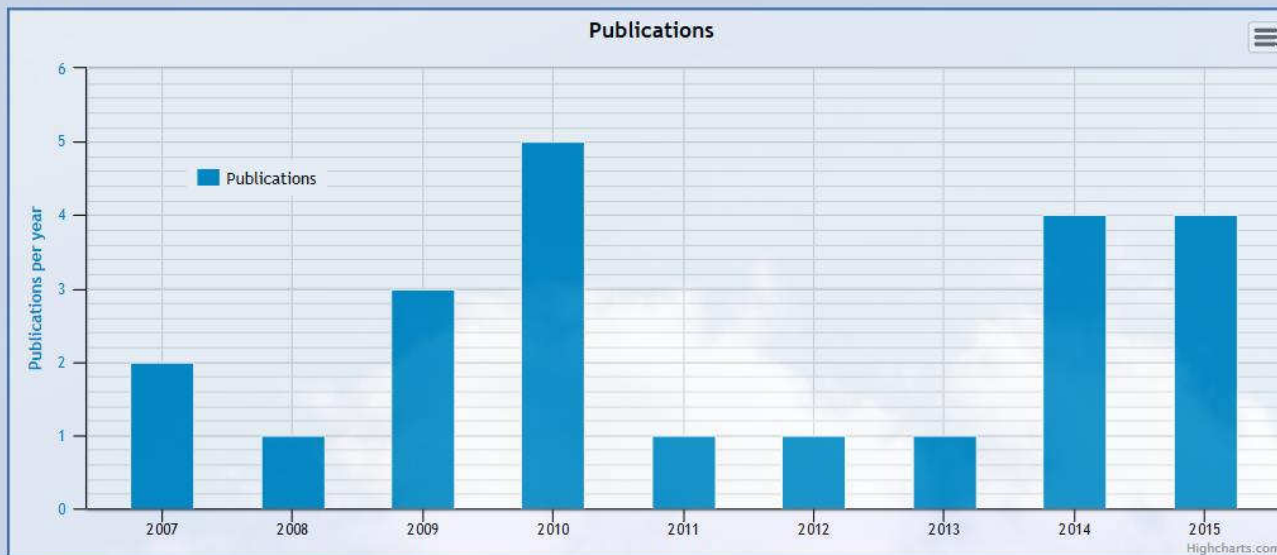
The University Bibliography lists 22 publications between 2007 and 2017 for Eike T. Spielberg. For these publications 328 citations are listed in the citation database yielding 14.9 citations per publication .

Fraction of non-cited publications

To take Publications into account that some publications included in the citation analysis have not been cited at all, the metric *Uncitedness* (P_{uncited}) is included as well. In contrast to the citation rate this metric represents the lack of attention to certain publications. However, several reasons account for a low attention. Very new Publications have not been able to raise citations yet, the publication might be hard to find or might be ignored due to other reasons. In addition, even very popular publications might have none citation, if due to his or her reputation, the author is cited by his or her name and not the publication itself. The metric is calculated as the fraction of publications without citations (N) and the total number of publications listed in the citation database (P).

From Eike T. Spielberg's publications listed in the citation database, 9.1% have not been cited (yet).

Temporal evolution



List of publications

The following table depicts the list of publications forming the basis of this report. Clicking on the title leads to the article, on the journal name to the entry in the "Elektronische Zeitschriftendatenbank" (EZB).

The citation data in the last column are taken from the citation database [Scopus](#). By clicking on the citation count the list of citing journals can be seen in [Scopus](#).

Show entries

Publication	Year	Citation count
Wedge, C.J.; Timco, G.A.; Spielberg, E.T.; George, R.E.; Tuna, F.; Rigby, S.; McInnes, E.J.L.; Winpenny, R.E.P.; Blundell, S.J.; Ardavan, A.: Chemical engineering of molecular qubits ; Physical Review Letters , Vol. 108, Iss. 10 (2012).	2012	89
Burkhardt, A.; Spielberg, E.T.; Görls, H.; Plass, W.: Chiral tetranuclear μ_3-alkoxo-bridged copper(II) complex with 2 + 4 cubane-like Cu₄O₄ core framework and ferromagnetic ground state ; Inorganic Chemistry , Vol. 47, Iss. 7, S. 2485 - 2493 (2008).	2008	51
Roth, A.; Spielberg, E.T.; Plass, W.: Kit for unsymmetric dinucleating double-Schiff-base ligands : Facile access to a versatile new ligand system and its first heterobimetallic copper-zinc complex ; Inorganic Chemistry , Vol. 46, Iss. 11, S. 4362 - 4364 (2007).	2007	45
Burkhardt, A.; Spielberg, E.T.; Simon, S.; Görls, H.; Buchholz, A.; Plass, W.: Hydrogen bonds as structural directive towards unusual polynuclear complexes : synthesis, structure, and magnetic properties of copper(II) and nickel(II) complexes with a 2-aminoglucose ligand ; Chemistry - A European Journal , Vol. 15, Iss. 5, S. 1261 - 1271 (2009).	2009	27
Ion, A.E.; Spielberg, E.T.; Görls, H.; Plass, W.: Triaminoguanidine derivatives as supports to construct magnetic assemblies : Synthesis and characterization of trinuclear nickel(II) complexes ; Inorganica Chimica Acta , Vol. 360, Iss. 13, S. 3925 - 3931 (2007).	2007	15

Bibliometrische Analyse von Eike T. Spielberg

Erstellt am 21. März 2017

auf der Basis der in der Universitätsbibliographie verzeichneten Publikationen

AG Forschung & Innovation
Universitätsbibliothek Duisburg-Essen
ag-forschung.ub@uni-due.de

Den Publikationen auf der Spur



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1 Disclaimer

Diese bibliometrische Analyse zu den Publikationen von Eike T. Spielberg und deren Rezeption in Form von Zitierungen bezieht sich ausschließlich auf die wissenschaftlichen Veröffentlichungen, die Eike T. Spielberg in der Universitätsbibliographie Duisburg-Essen verzeichnet sind.

Zitationsangaben für Artikel in wissenschaftlichen Zeitschriften, Konferenzbänden oder Buchkapiteln werden dabei der Zitationsdatenbank [Scopus](#) entnommen.

Die Datenbank [Scopus](#) enthält nur einen Teilbereich des Publikationswesens (in erster Linie Zeitschriftenartikel), Publikationen in anderen Medien (zum Beispiel in Form von Monographien) werden bei den Zitationsanalysen nicht berücksichtigt. Für eine umfassende Bewertung der wissenschaftlichen Arbeit sollte diese Analyse daher durch Peer-Review-Verfahren und alternative Metriken ergänzt werden.

- **Pflege und Datenbereinigung in der Universitätsbibliographie**
- **Kontrolle durch Wissenschaftler**
- **Automatisierter Report (XML)**
- **Output als Webseite oder pdf**



<https://github.com/ETspielberg/bibliometrics>

**Vielen Dank für die
Aufmerksamkeit!**

**AG Forschung & Innovation
University Library Duisburg-Essen**

bibliometrie@uni-due.de