

Institutional scoring with PURE at the University Medical Center Hamburg-Eppendorf (UKE)

Transparency, Data Quality and Workload

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- PURE live from 2014
- 2600 researcher
 - 1000 active users in PURE
- 77 institutes in 14 centers
 - 1-2 people in charge for scoring per institute
- 2700 Publications per year (32000 in total)
 - 2000 journal articles, reviews and book
- 1000 journals per year in use
- 1100 running projects
 - SAP projects
 - Scholarships
 - Equipment

- Scoring per year
- Scoring per institute
 - Authors enter publications
 - 1-2 persons per instituts for data quality
- 50% by publications
- 50% by projects
- average over the last three years
 - Money 2019 is calculated by scoring results 2015, 2016, 2017

- Status published
 - no publications with status "online first"
- Journal articles, reviews and book
- Calculation by institute > affiliation by author
- UKE-Score per journal per year
 - Calculated by Impact Factor, Categories and Median of Categories
- Calculation
 - 1/3 for the institute of the first author
 - 1/3 for the institute of the last author
 - 1/3 for the institutes of the remaining authors
 - Authors contributed aqual, multiple affiliatitions

- JCR-Journals
 - Calculated by the Impact Factor and Median of categories
 - UKE-Score 2017 publications based on IF 2016
 - At least 2 Points, also for new journals without IF in the first year
 - Download from Thomson Reuters
 - IF for 12500 journals (June, December, February)
 - Mean of the categories (June, December, February)
 - Category files (177) to know the categories of a journal
 - Calculation of the ranking of the journal within a category
- Non-JCR-Journals
 - Identifying by report monthly
 - Upload UKE score 2 for scientific journals

UKE Scores of journals

NATURE	419,843
SCIENCE	389,174
BMJ-BRIT MED J	153,963
NAT REV IMMUNOL	130,796
NAT COMMUN	126,82
PHYSIOL REV	123,249
LANCET ONCOL	113,264
NAT GENET	112,33
LANCET NEUROL	109,38
NAT MED	106,044
CELL	101,205
P NATL ACAD SCI USA	101,056

- Only first editions
- Number of pages

Pages	Points
1-4	0
5-20	5
21-50	10
51-200	20
>200	40

- Complains
 - Not in the system: Phd students, guest scientists > make internal
 - Affiliations in the publication do not match UKE institutes
 - online first - 25% of the publications
 - imported by PubMed
 - imported manually

- Importing from SAP
- Manually added by administrators
 - scholarship
 - equipment
- Scoring by expenditures in the year and funding
 - Expenditures from SAP (28.2.2018, when year is closed)
 - 3 categories of funding
 - Category 1 (DFG, EU, DLR, Alexander von Humboldt,...) - 1 Point/500 €
 - Category 2 (Bundesministerien,...) - 1 Point/1000 €
 - Category 3 (private industry,...) - 1 Point/2000 €
- Scoring by institute of PI
 - 90% of projects scored automatically
 - Projects can be shared between institutes > manually added

- Publications
 - Importing during the year
 - E-Mail to head of institutes (January)
 - control reports
 - Closing (End of February)
 - Validating during the year (WOS/PubMed, PDF)
- Projects
 - E-Mail to head of institutes (January)
 - Ask for sending scholarship + equipment
 - Ask for projects, shared between institutes
 - control reports
- When done (May)
 - E-Mail to the head of institutes > final reports
 - Result of scoring to the administration

- Scoring is a lot of work
- Excellent data quality
- > 97% Journal articles
- Highly accepted
 - Due to the money for institutes
 - Project and publication lists on the website
 - Workgroups are mapped for scoring and website output