Digital Peer Publishing

[DiPP NRW

Ininitiative for Open Access eJournals

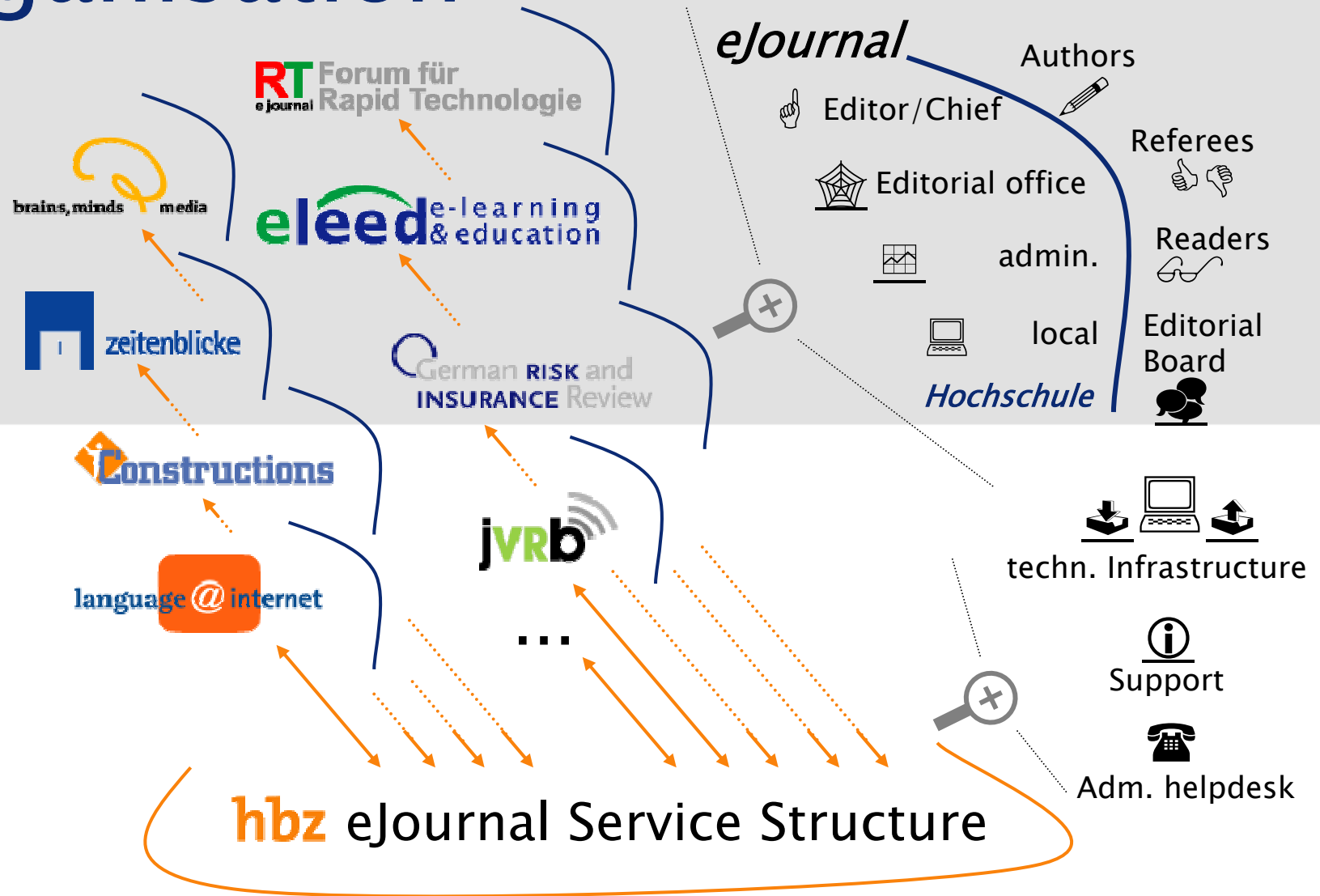„Open Journal Systems"
Breakout group
OAI4
2005/10/20–22

hbz

Initiative

➔ „Digital Peer Publishing" initiated by the Ministry of Research of the German state North-Rhine Westphalia

➔ Start-ups & Pick-ups of eJournals are supported

➔ Fostering innovative forms of web-based, scholarly communication

Organisation

RT **Forum für Rapid Technologie**

brains, minds media

eleed e-learning & education

zeitenblicke

German **RISK** and **INSURANCE** Review

Constructions

language@internet

jVRb

...

eJournal

Authors

Editor/Chief

Editorial office

admin.

local

Hochschule

Referees

Readers

Editorial Board

techn. Infrastructure

Support

Adm. helpdesk

hbz eJournal Service Structure

Digital Peer Publishing
DiPP NRW

hbz

Data

➔ 10 journals from various disciplines

➔ most starting within past 10 months

➔ around 100 reviewed publications

➔ still moderate submission rates, high rejection rates

➔ compound/complex materials

➔ about 50 platform users – with editorial nets several 100

➔ indexing – DOAJ, oaister, Google Scholar, Scirus

➔ 'true' monthly visitors per Journal: ~ 1000; $\sigma=500$

   ➔ AWstats: international distr., est. jrn. excl., no bots, no dbl. IP

➔ several 'true' readers each day

   ➔ without free floatation (!!!)

   ➔ even if assuming only 10% of visitors as readers

   ➔ compare to journal usage statistics of libraries (often below 1)

➔ first citations of start-ups observed!

Technical Platform

→ ## Reviewing System

→ GAPworks – explained later, elsewhere

→ ## Production System

→ Fedora & Plone (SoA style)

→ Text technology: RTF/LaTeX > XML > XHTML/PDF

→ URN provision, flexible metadata and license forms

→ Indexing – OAI data provider, eMail alerts, RSS

→ …

Usage of GAPworks

➔ ## Coupling

➔ OAI-PMH 2: GAPworks -> Fedora

➔ http-download (Metadata include URL): data/docs
triggers conversion processes & later URN-registration at
Deutsche Bibliothek for OAI Harvesting etc.

➔ LDAP User Management: GAPworks <-> Plone

➔ ## Experiences

➔ customizable clients – 'containers', reviews, metadata

➔ GUI-Integration – adaptable look & feel

➔ young journals prefer 'personal' eMails initially

➔ usage as editorial tool increases with submission rate

➔ authors / reviewers GUIs should be extremely simple

Search

Article Overview
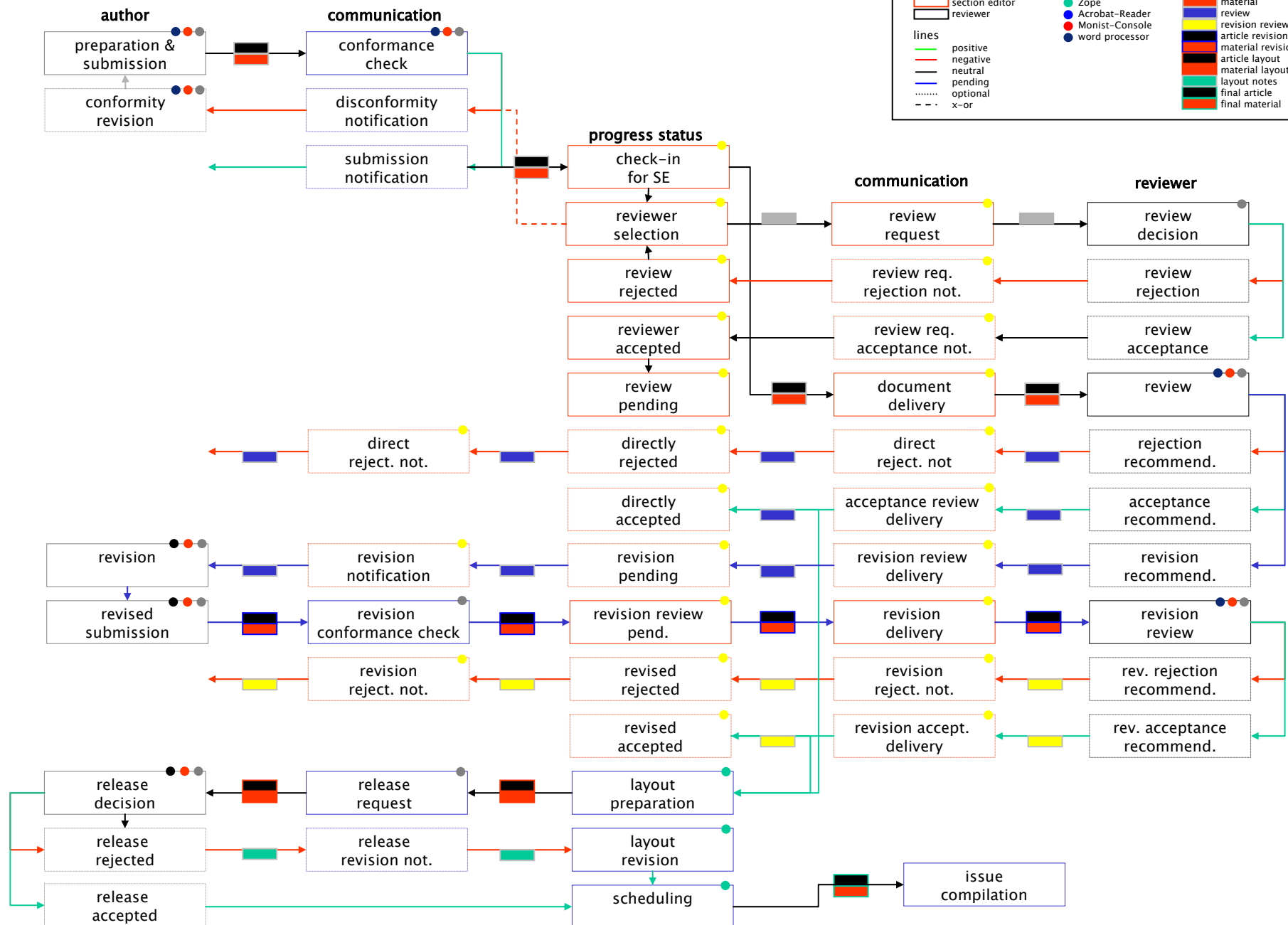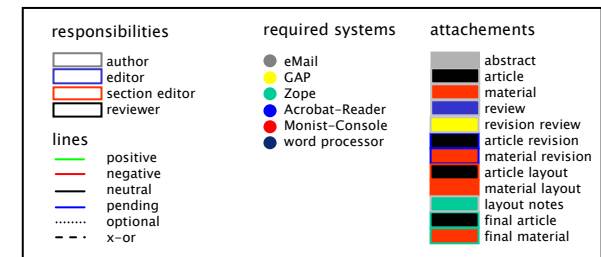
Articles Volume 1(2004)

1.2004, 1   **Arthur: A Collaborative Augmented Environment for Architectural Design and Urban Planning**
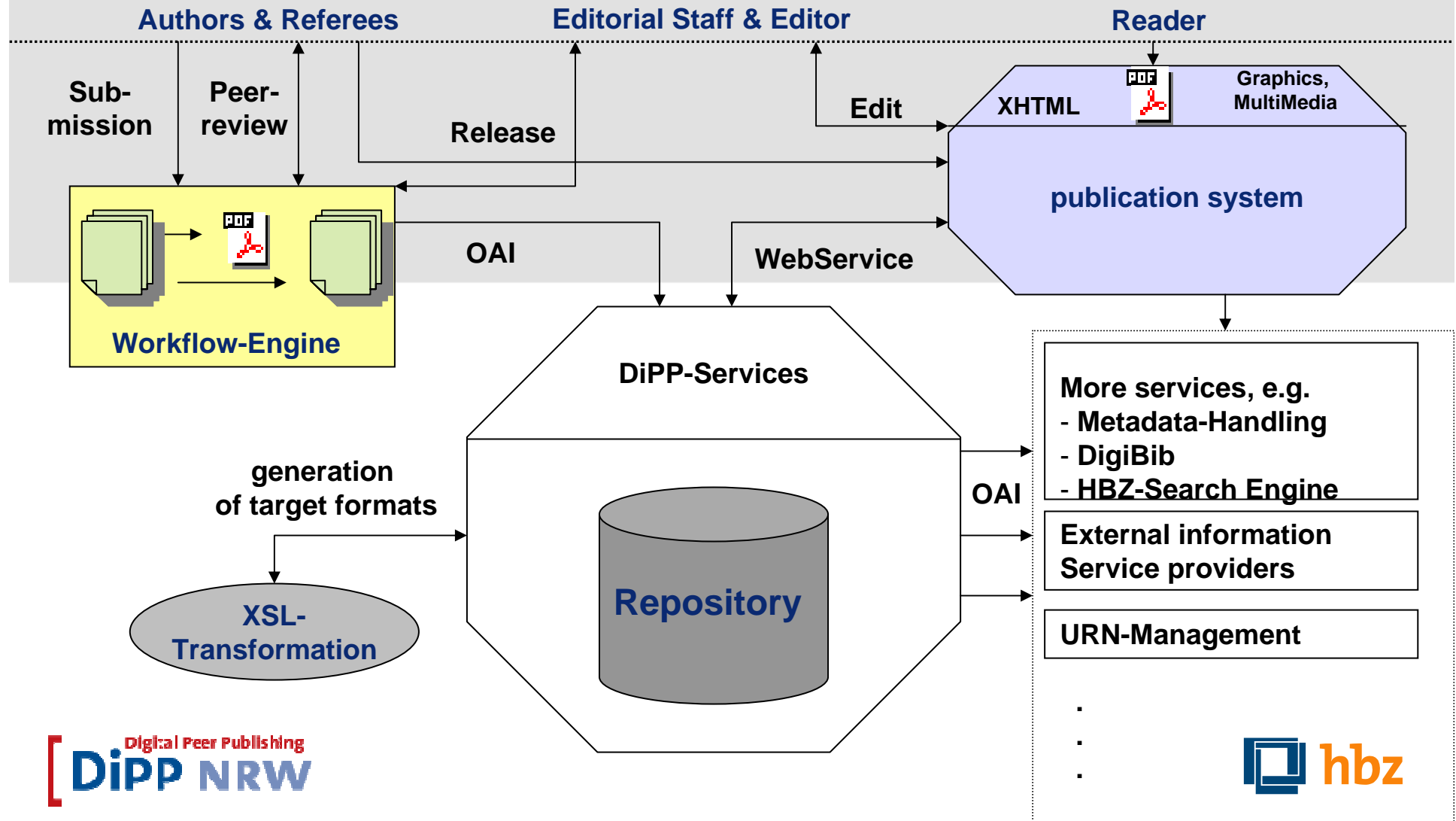
Wolfgang Broll et al.

Projects in the area of architectural design and urban planning typically engage several architects as well as experts from other professions. While the design and review meetings thus often involve a large number of cooperating participants, the actual design is still done by the individuals in the time in between those meetings using desktop PCs and CAD applications. A real collaborative approach to architectural design and urban planning is often limited to early paper-based sketches.

In order to overcome these limitations we designed and realized the ARTHUR system, an Augmented Reality (AR) enhanced round table to support complex design and planning decisions for architects. While AR has been applied to this area earlier, our approach does not try to replace the use of CAD systems but rather integrates them seamlessly into the collaborative AR environment. The approach is enhanced by intuitive interaction mechanisms that can be easily configured for different application scenarios.

[Full HTML Article] [Full PDF Article] [BibTeX-Entry] [Reference-Entry]

Services → Publication System

Authors & Referees   **Editorial Staff & Editor**   **Reader**

Sub-mission   Peer-review

Edit

Release

XHTML   Graphics, MultiMedia

publication system

Workflow-Engine

OAI   WebService

DiPP-Services

generation of target formats

XSL-Transformation

Repository

OAI

More services, e.g.
- Metadata-Handling
- DigiBib
- HBZ-Search Engine

External information Service providers

URN-Management

.
.
.

Digital Peer Publishing
DiPP NRW

hbz

Statistics per month, per Journal

	diff. visits	# visits	pages	hits	data [MB]
avg.	924	1358	7114	48908	877
σ	459	733	5107	30268	1051

➜ Premises
- ➜ monthly basis: n=46, MAR – SEP 2005
- ➜ 8/10 Journals (without AFR, SWS)
- ➜ some Journals only 2–5 months
- ➜ some Journals double hits (2nd URL)
- ➜ rising trend

➜ sometimes traffic through production
- ➜ -> therefore different (!) users count
➜ Downloads heterogeneous (not all with PDF)
➜ !!! not implying self-distribution (-> citations)
➜ Extrapolations
- ➜ all Journals: *10/8
- ➜ Per year: *12
- ➜ Per day: /365
- ➜ Per article: /100, 25 % visits read article

Digital Peer Publishing

DiPP NRW

Ininitiative for Open Access eJournals

www.dipp.nrw.de

Digital Peer Publishing

DiPP NRW

hbz