



Twenty-First International Conference on Grey Literature, Open Science Encompasses New Forms of Grey Literature, German National Library of Science and Technology, October 22-23, 2019, Hannover, Germany

Grey literature cited in scientific articles: case study at the Faculty of Education, University of Ljubljana, Slovenia

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1 BACKGROUND

One of the main tasks of an academic library is to support researchers and the research work at the faculty, which requires knowledge of the evolving information needs of researchers and their information behaviour in everyday work.

In order to develop better services for research support, acquisition and management of library's collections, our study wishes to understand what kind of information resources researchers at the Faculty of Education cite in their published scientific papers and to what extent they cite grey literature.

2 METHODOLOGY

249 scientific articles

154 researchers
from 9 departments
period: 2014 - 2018

6664 sources cited:

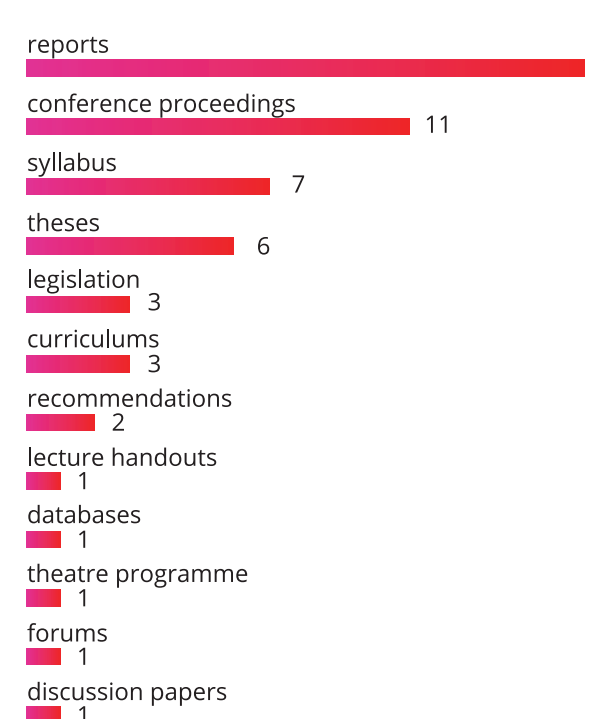
- journal articles (62%)
- monographies (26%)
- other (17%)

non-GL GL: n = 897 (13,5%) different types (in-depth analysis)

3 WHAT TYPES OF GREY LITERATURE ARE CITED IN THE FIELD OF EDUCATION?

PRIMARY TEACHER EDUCATION

GL 25%



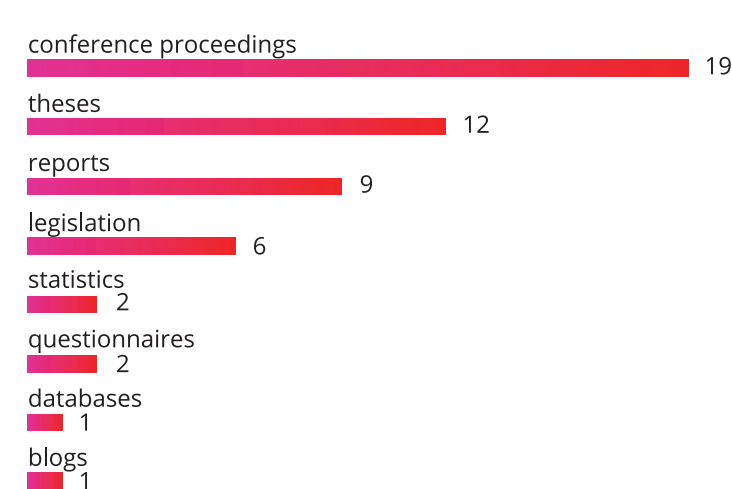
n = 53

EXAMPLES

PISA reports
The Pupil: A Corpus of Learners' Written Texts
Curriculum. Program of primary school. Science

SPECIAL AND REHABILITATION PEDAGOGY

GL 22%



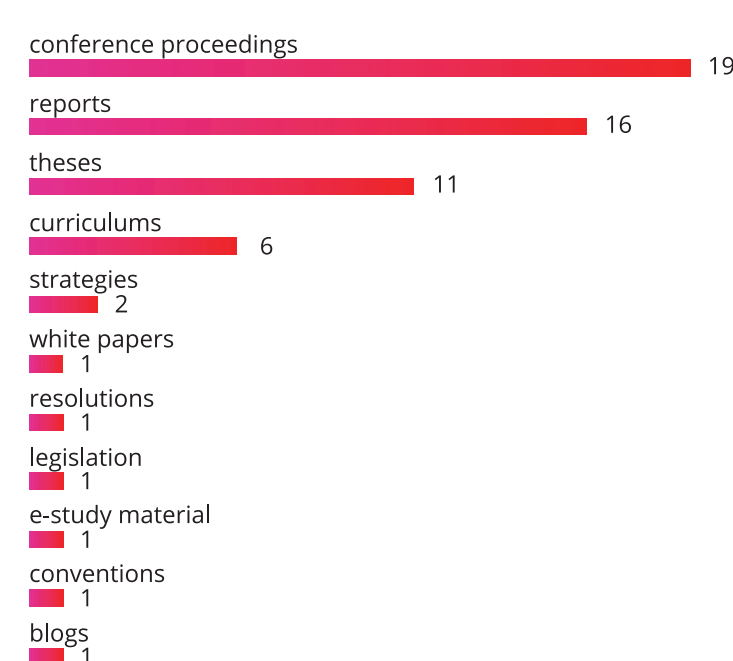
n = 52

EXAMPLES

Learning Disability Test
Placement of Children with special Needs Act

PRESCHOOL EDUCATION

GL 18%



n = 60

EXAMPLES

Psychological aspects of children's games (e-study material in repository Peprints)
UN Convention on the Rights of the Child
National Curriculum for Preschool Institutions

EDUCATION STUDIES

GL 17%



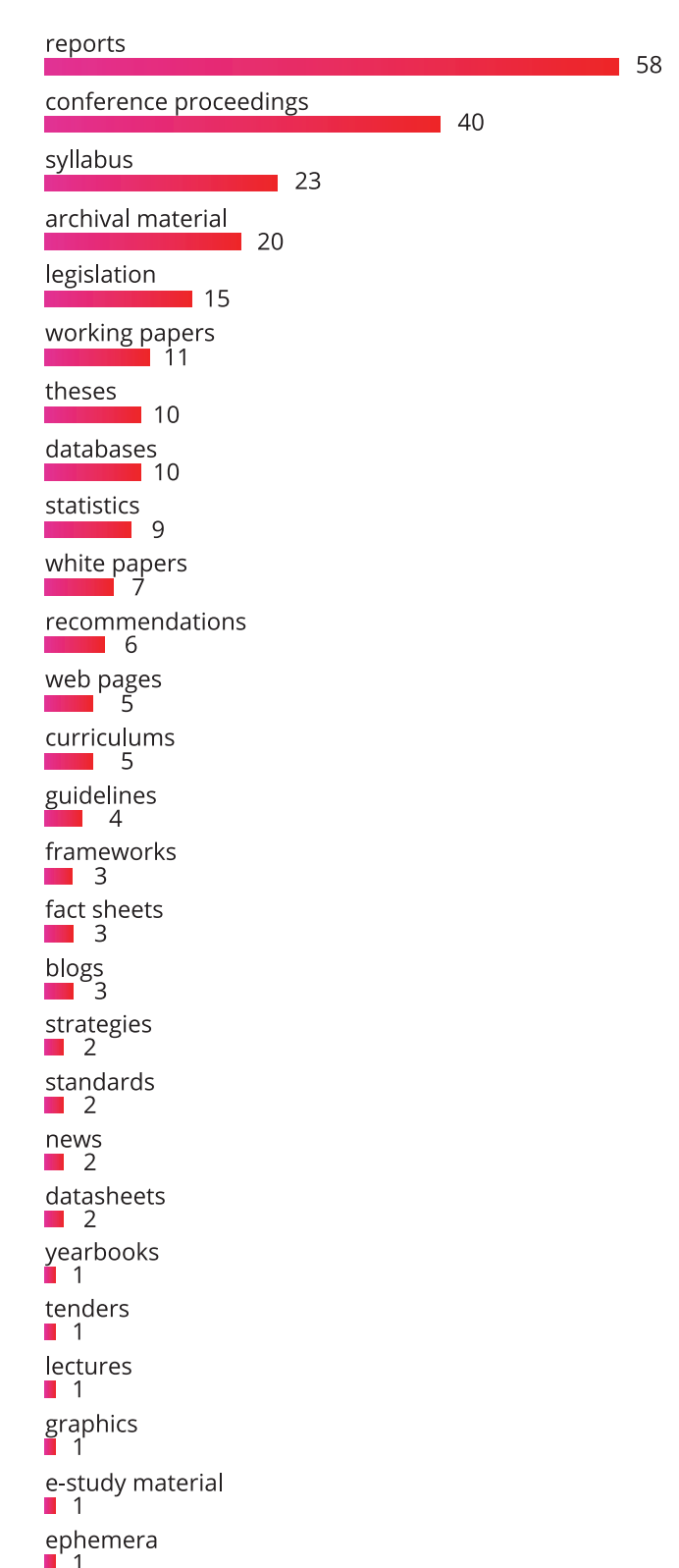
n = 92

EXAMPLES

Magna Charta Universitatum
Opinion of the European Economic and Social Committee on the 'Integration of minorities'

BIOLOGY, CHEMISTRY AND HOME ECONOMICS

GL 15%



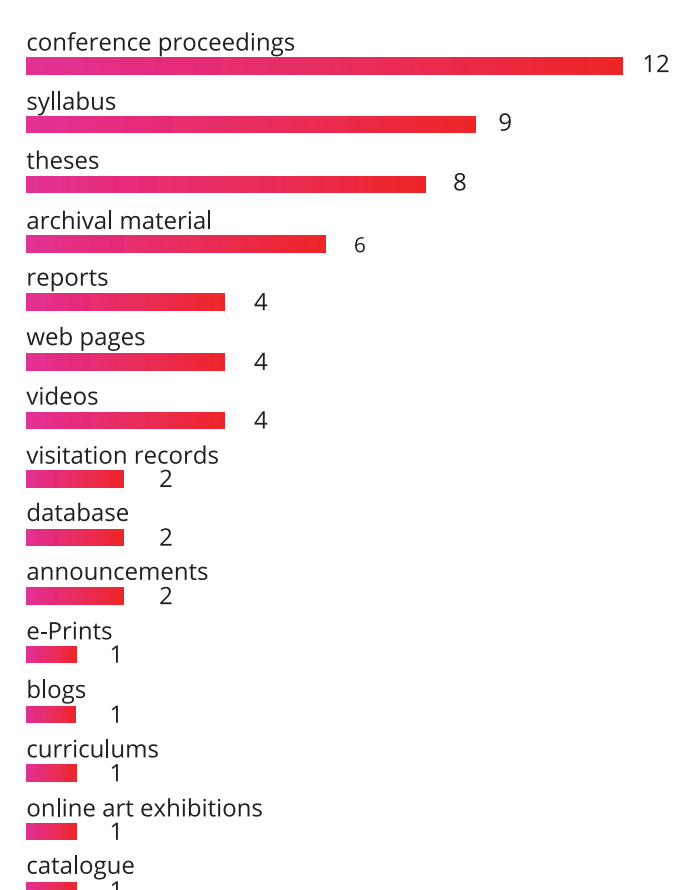
n = 246

EXAMPLES

IEA's Trends in International Mathematics and Science Study - TIMSS
Intergovernmental conference on environmental education. Final Report, UNESCO.

FINE ART EDUCATION

GL 15%



n = 58

EXAMPLES

Exhibition catalogue
Art and the Bible (database)
ArtSlant (digital archive)

MATHEMATICS AND COMPUTER SCIENCE

GL 12%



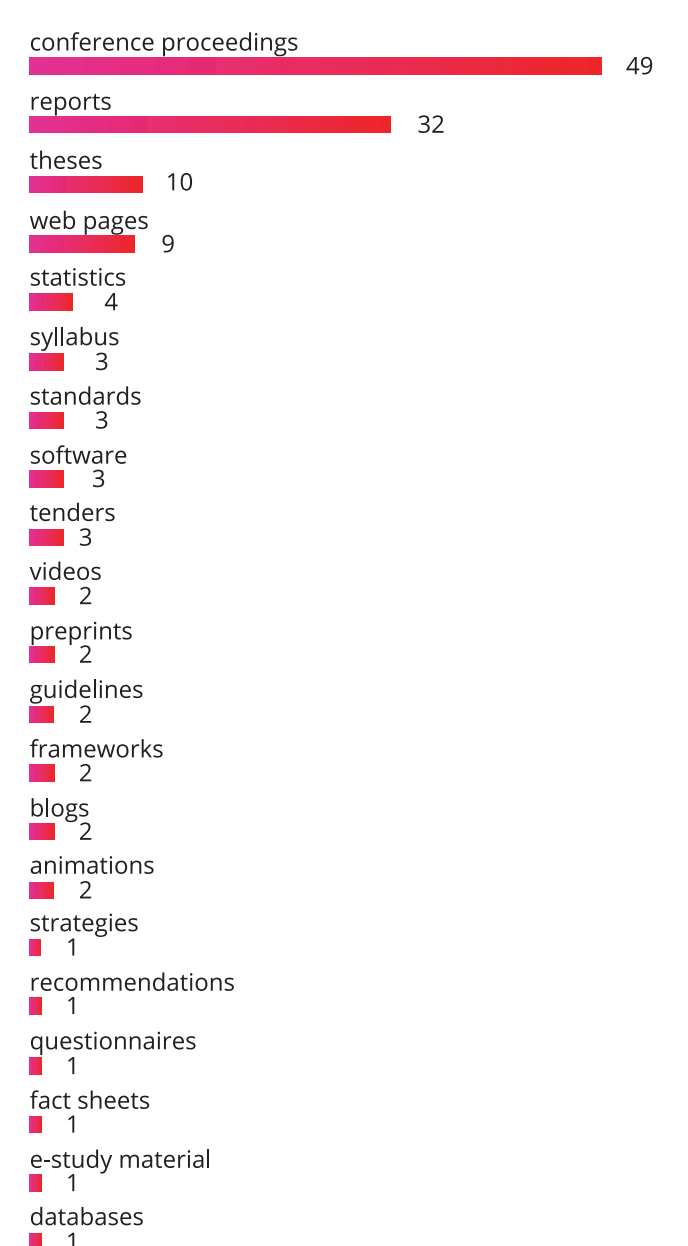
n = 159

EXAMPLES

arXiv.org (preprints)
DIGCOMP: A Framework for Developing and Understanding Digital Competence in Europe. eLearning Papers

PHYSICS AND TECHNICAL STUDIES

GL 9%



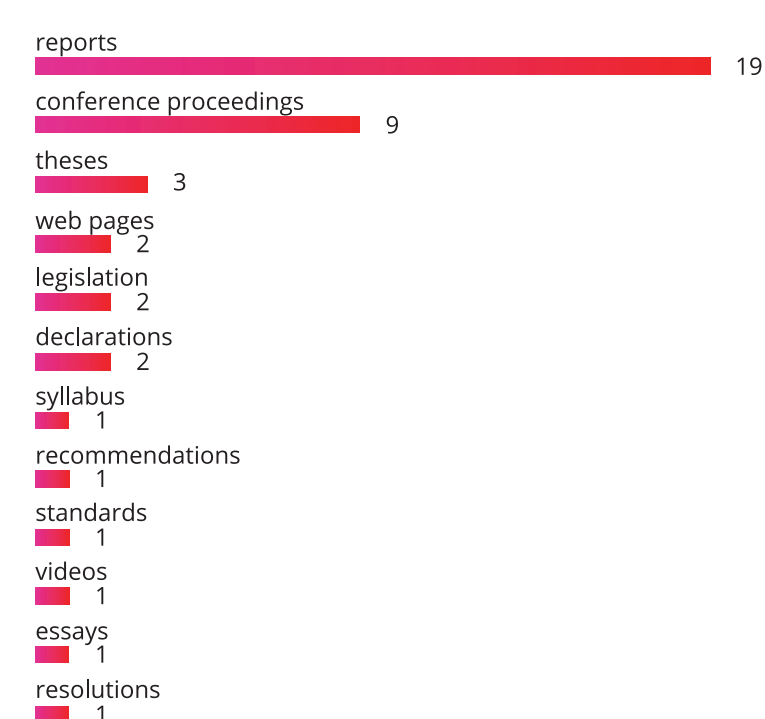
n = 134

EXAMPLES

Curriculum, program of secondary school, Physics
Animations of electromagnetic waves, EMANIM

SOCIAL PEDAGOGY

GL 9%



n = 43

EXAMPLES

European Drug Report, EMCDDA
The Melbourne Hearing Voices Declaration, Behavioural insights applied to policy, Report EEUR 27726 EN

4 CONCLUSIONS

Overall percentage of GL in our sample of articles from the field of Education is 13,5 %. The most common sources are conference proceedings, reports, theses, syllabuses and legislation.

We have identified interesting examples of grey literature that are typical for the researchers from the Education field and showed some potential differences in the use of grey literature between different departments and disciplines within the field of Education.

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