



BTH Newsletter on Science Publishing and Open Access Issues

December 2020



BTH researchers amongst the world's most cited

Data recently published by Professor of Medicine and statistician John Ioannidis from Stanford University underlines what other previous studies have shown - that BTH, one of Sweden's smallest universities in terms of size, has world-class researchers in several of disciplines.

Based upon their career-long citation impact up until the end of 2019, six BTH researchers were included in the list. In Subfield of Software Engineering, Professor Claes Wohlin is ranked no. 53, Professor Kai Petersen as no. 263 and Professor Emilia Mendes as no. 280, out of a total of 441 researchers in this subfield included in the list. Rector Mats Viberg is ranked no. 333 in the subfield of Networking & Telecommunications, out of a total of 3417 researchers in this subfield. Professor Karl Henrik Robèrt ranked 1050 in the subfield of Environmental Sciences, out of 1402 included in this subfield. Recently deceased Professor Nail Ibragimov as no. 57 in the subfield of Mathematical Physics, out of 107 researchers in this subfield.

If you look at figures from just one year (2019), two more BTH researchers appear among the 1000 best in their field in the world: Professor Sophie Hallstedt, Strategic Sustainable Development and Professor Tony Gorschek, Software Engineering.

The published database contains 100,000 top researchers and provides more accurate, standardized information on citations and other common bibliometric analysis factors. In the survey, data up to May 2020, from the world's largest reference database Scopus, have been used. Further details are available here:

<https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.3000918>

cOAlition S announce the Journal Checker Tool

The Journal Checker Tool (JCT) in beta is a web-based tool which provides advice to researchers on how they can comply with their funder's Plan S-aligned Open Access policy and assist the implementation of Plan S in January 2021.

The JCT enables researchers to quickly identify journals or platforms that provide routes to compliance with Plan S: whether a given journal offers a route to open access compliance with a CC BY (or equivalent) license and no embargo, and the ability to retain sufficient copyright to enable open access. In due course, the tool will extend its query to include the other (technical) requirements as set by cOAlition S.

<https://journalcheckertool.org/>

New version of the BTH Research Data Guidelines

A 3rd version of The BTH Guidelines for Management of Research Data have recently been sent to the deans for consideration.

The data access unit (DAU) at BTH have, based on responses from the departments, reworked and simplified the structure and selected sections of the guidelines. After consulting the deans we hope to present a document that can be firmly established among all departments.

About the Newsletter

This newsletter contains information about scientific publishing with focus on Open Access and BTH issues.

It is produced quarterly by the BTH Library.

Dissertations defended 4th quarter 2020



["Data Mining Approaches for Outlier Detection Analysis"](#)

By Shahrooz Abghari – DIDA

["Detection and Classification Multi-sensor Systems: Implementation of IoT and Systematic Design Approaches"](#)

By Damian Dziak- TIMN

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This newsletter is archived in DiVA:
<http://bth.diva-portal.org/smash/get/diva2:1510454/FULLTEXT01.pdf>

**Best Wishes for a Happy
Covid-free Christmas and
New Year!!!**

