

Scientific production

Source of information: Web of Science (WoS) Core Collection.

Time frame: 2020 and 2016-2020.

Aggregation level: IdISSC and scientific areas formed by the actual research groups.

Scientific production analysis:

N° of papers WoS: This indicator includes all the scientific production of the IdISSC indexed in the WoS.

N° of citable items: This indicator includes two document type such as article and review.

Weight of scientific production: The annual percentage of the weight of scientific production of the IdISSC areas has been calculated in relation to the total of IdISSC WoS production.

Document Type: This indicator includes all the WoS document types by IdISSC area and by Institute.

Open Access (OA): This indicator includes the number of documents published in OA. Types of OA: Gold OA and non Gold OA.

Impact analysis

Most cited papers: This analysis includes the top 10 most cited papers of the IdISSC scientific production between 2016-2020. In this case the indicators included are Quartil and position in the WoS Category, Article Influence score and Impact Factor. The reference JCR is that of the year of publication of the document.

Times cited: Number of cites per document and the average of cites per document.

H index: This indicator measure at least h papers that have each been cited at least h times.

Cites by year: This indicators counts the cites of the IdISSC scientific production each year and beetwen 2016 and 2020 period.

Visibility analysis

Scientific production by quartile: The data are based on 2019 JCR and the aggregation level its by IdISSC and scientific área.

Scientific production by first decile: These types of journals are among the first 10% of the JCR. In this case the reference JCR is that of 2019.

Top journals: This analysis includes the Top 10 and Top 25 of scientific journals in which ours researchers most publish during 2020 and the aggregation level its by IdISSC and scientific area. In this case the indicators included are n° of papers (WoS), n° of citable items, times cited, quartil 2020 and WoS category position, Article Influence Score, Journal Citation Indicator and Impact factor whitout self citations.

Scientific Collaboration

Aggregation level: By country and by center

Software: VOSviewer developed by the CWTS of the University of Leiden.