



«Manuscriptache», First prize in the category "Women and men of science", SNSF Scientific Image Competition 2019, by Isabela Stoian, CC BY-NC-ND 2.0

Crossref from a funder perspective

Crossref Live 19, Amsterdam 13.11.2019

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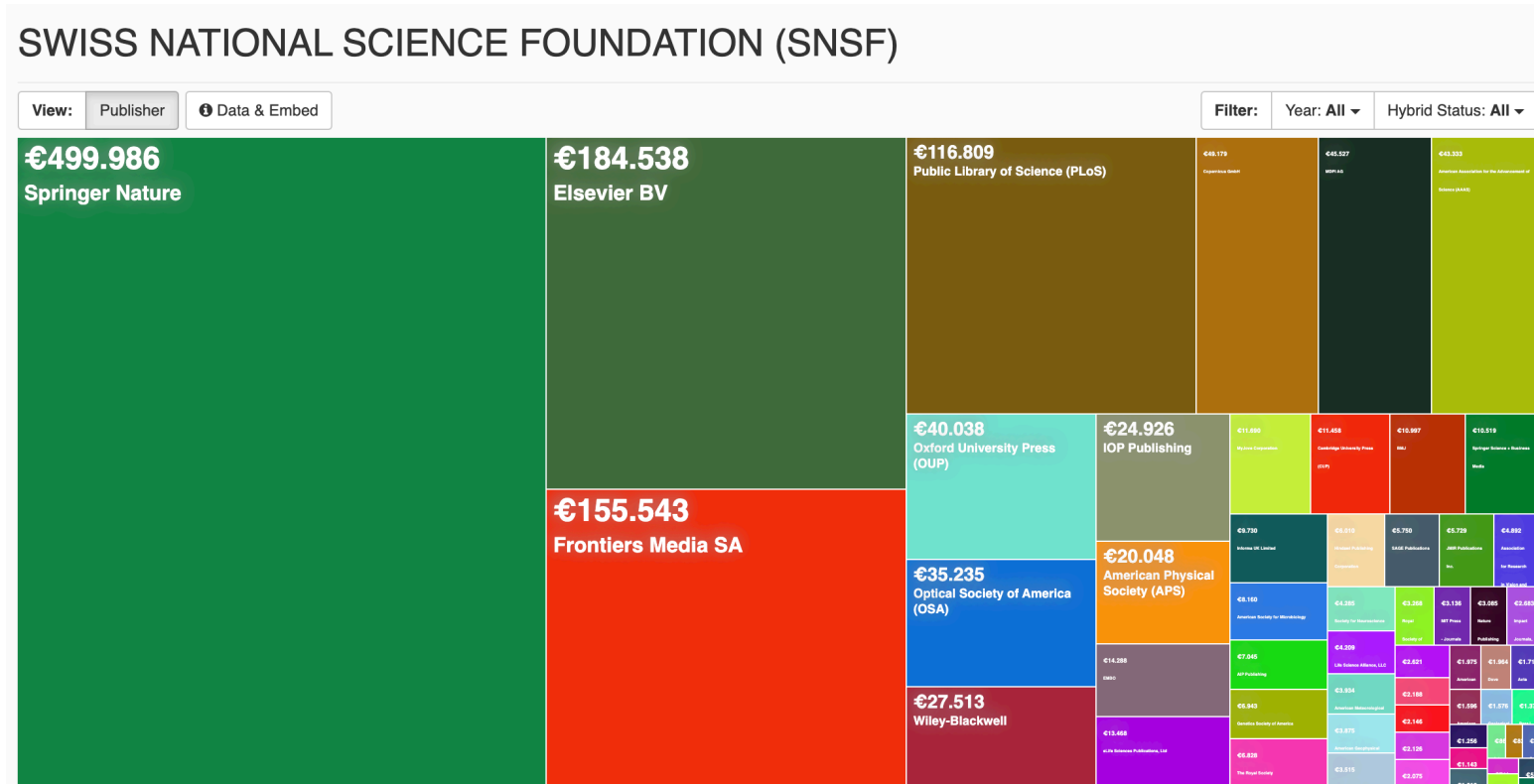
SWISS NATIONAL SCIENCE FOUNDATION



A look at the publications in our project database P3

- 116'650 publications reported by researchers to be output of SNSF projects
- 94'484 (85%) with a DOI (after checking and correcting)
 - **93'841 Crossref (99%)**
 - 464: DataCite (0.5%)
 - 156: mEDRA
 - 9: ISTIC
 - 5: JaLC
 - 7: KISTI
 - 2: OP

SNSF is funding APCs for pure Gold OA



We assume the publisher's costs of Crossref membership and registration are included in APCs.

SNSF is funding books and book chapters

OPEN ACCESS

Funding Context News Commitment FAQs

FR EN

Funding > Books

Funding Books

The SNSF finances the publication of scientific books that are freely accessible without limitations or delays (gold open access). Researchers have the option to publish a printed book at the same time as the OA version.

Peer-reviewed monographs (including dissertations, habilitations, legal commentaries and editions) and anthologies qualify for funding. The cost of publisher services for quality control, book production and distribution are covered by a book processing charge (BPC).

If the SNSF OA commitment is fulfilled via the "green road", the books and book chapters must be archived in an institutional or disciplinary repository no later than 12 months after their initial publication by the publisher. This is the case if the publication is the result of an SNSF project, but the publication costs are not funded via an SNSF grant.

- Monographs +
- Dissertation and habilitation +
- Anthologies +

<https://oa100.snf.ch/en/funding/books/>

We assume the publisher's costs of Crossref membership and DOI registration are included in BPCs and BCPCs

DOIs for funded books are required

Article 16 Deposition and archiving of the publications funded by BPC grants

The deposition of the BPC-funded publication is performed

- a. by the publisher by displaying it prominently on their website;
- b. by the author or editor in an institutional or disciplinary repository;
- c. in the output data of the relevant SNSF grant; and
- d. by the SNSF through forwarding of the OA publication along with the metadata to the Swiss National Library and the OAPEN library.

Article 17 Further provisions and BPC-funded publications

¹ The publishing details given in the OA publication must contain the information demanded by the SNSF, in particular the year of publication, ISBN number(s), DOI³, creative commons licence⁴ and a note stating that the publication was financially supported by the SNSF.

Regulations on the funding of Open Access publications, as of Nov 2017:

<http://www.snf.ch/SiteCollectionDocuments/Reglement-ueber-OA-Publikationsfoerderung-E.pdf>

Crossref – Funder Search

Search **21,494** funders connected to **4,297,277** published works with funding data

swiss national

- National Centre of Competence in Research Robotics
- Schweizerischer Nationalfonds zur Förderung der Wissenschaftlichen Forschung

Schweizerischer Nationalfonds zur Förderung

SORT BY: RELEVANCE PUBLICATION YEAR DOWNLOAD AS CSV PAGE 1 OF 29,409 RESULTS

Donor-Flexible Nitrogen Ligands for Efficient Iridium-Catalyzed Water Oxidation Catalysis

Journal Article published 10 May 2016 in Chemistry - A European Journal volume 22 issue 20 on pages 6740 to 6745

Research funded by European Research Council (615653) | Schweizerischer Nationalfonds zur Förderung der Wissenschaftlichen Forschung (200021_162868206021_128724) | Science Foundation Ireland (RC/1074) | National Science Foundation (CHE-1362629)

Authors: Miquel Navarro, Mo Li, Helge Müller-Bunz, Stefan Bernhard, Martin Albrecht

<https://doi.org/10.1002/chem.201600875> Actions

Resonant inelastic x-ray scattering study of the spin and charge excitations in the overdoped superconductor La_{1.77}Sr_{0.23}CuO₄

Journal Article published 1 Feb 2016 in Physical Review B volume 93 issue 7

Research funded by Schweizerischer Nationalfonds zur Förderung der Wissenschaftlichen Forschung (BSSGI0_155873PZ00P2_142434200021-137783PZ00P2_154867) | Alexander von Humboldt-Stiftung

Authors: C. Monney, T. Schmitt, C. E. Matt, J. Mesot, V. N. Strocov, O. J. Lipscombe, S. M. Hayden, J. Chang

<https://doi.org/10.1103/physrevb.93.075103> Actions

High Order Residual Distribution for Steady State Problems for Hyperbolic Conservation Laws

Journal Article published May 2019 in Journal of Scientific Computing volume 79 issue 2 on pages 891 to 913

Research funded by Schweizerischer Nationalfonds zur Förderung der Wissenschaftlichen Forschung (FZEB-0-166980) | National Natural Science Foundation of China (11571290) | China Scholarship Council | NSAF (U1630247)

Authors: Jianfang Lin, Rémi Abgrall, Jianxian Qiu

<https://doi.org/10.1007/s10915-018-0878-4> Actions

Alterations in brain microstructure in rats that develop abnormal aggression following peripubertal stress

Journal Article published Jul 2018 in European Journal of Neuroscience volume 48 issue 2 on pages 1818 to 1832

Research funded by Schweizerischer Nationalfonds zur Förderung der Wissenschaftlichen Forschung (31003A-152614) | Seventh Framework Programme (603016) | École Polytechnique Fédérale de Lausanne | NCCR Synapsy (51NF40-158776)

Authors: Sophie E. Walker, Tobias C. Wood, Diana Cash, Michel Mesquita, Steven C. R. Williams, Carmen Sandi

Crossref

SCHWEIZERISCHER NATIONALFONDS ZUR FÖRDERUNG DER WISSENSCHAFTLICHEN FORSCHUNG

nccr – on the move

National Center of Competence in Research Materials' Revolution: Computational Design and Discovery of Novel Materials

National Center of Competence in Research Quantum Science and Technology

National Center of Competence in Research Affective Sciences - Emotions in Individual Behaviour and Social Processes

TYPE

- Journal Article (29,028)
- Conference Paper (151)
- Posted Content (104)
- Chapter (73)
- Dataset (46)
- Book (6)
- Monograph (1)

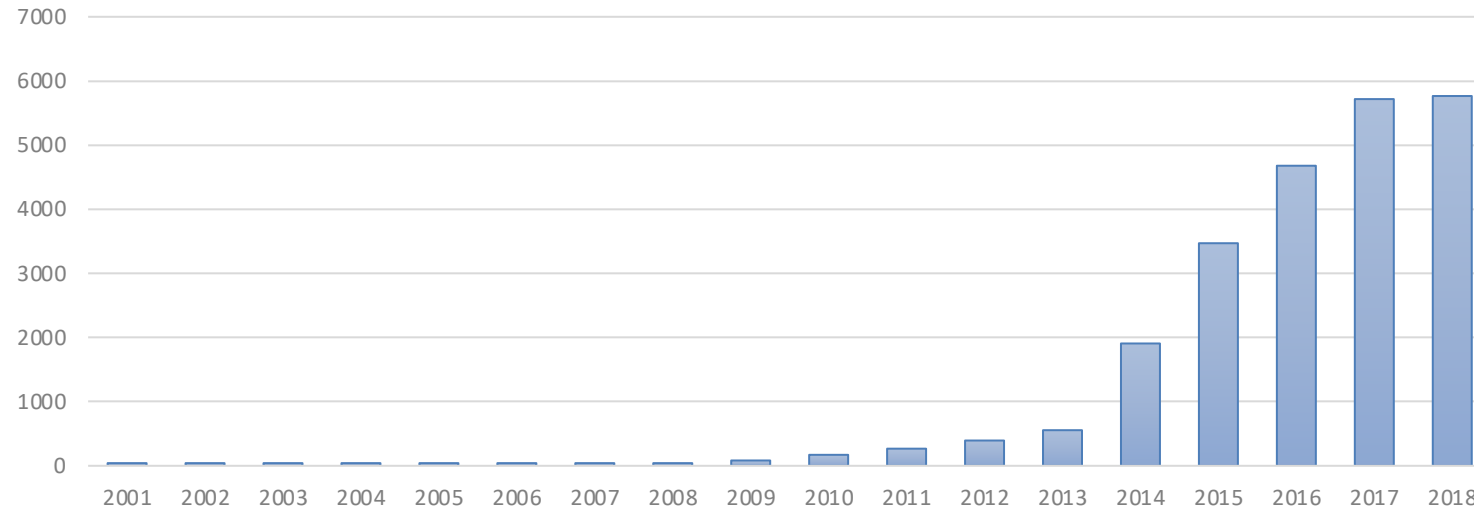
YEAR

- 2018 (6,519)
- 2019 (5,699)
- 2017 (5,570)
- 2016 (4,620)
- 2015 (3,518)
- 2014 (1,743)
- 2013 (550)
- 2012 (423)
- 2011 (268)
- 2010 (150)

<https://search.crossref.org/funding?q=501100001711>

Crossref – Analysis 2018

Publications in Crossref with SNSF Funding information
(n=23192, End Nov 2018)



**about 60% of yearly
SNSF publications**

<https://drive.switch.ch/index.php/s/ylenIftyrdKImUD/download>

Crossref - Analysis

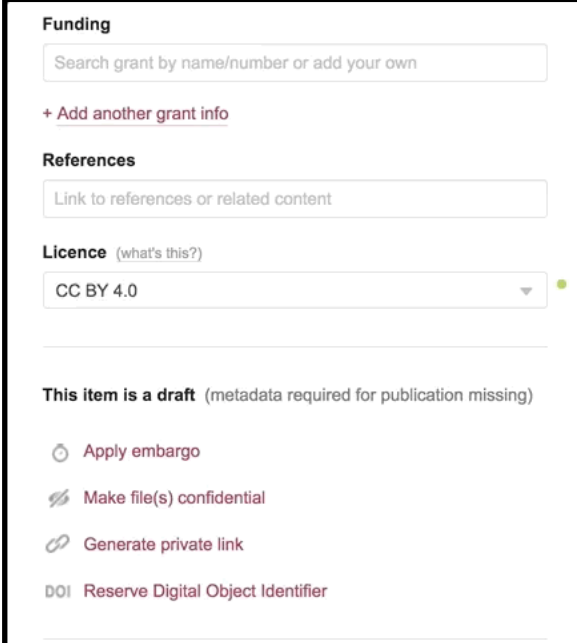
- **72%** of the publications have **specific award** information.
- **23%** of all publications have the SNSF in the funding acknowledgement, but **no specific award** information.
- **6%** of the publications have **unclear grant** information that could not easily be mapped to an SNSF grant based on the authoritative data.

<https://drive.switch.ch/index.php/s/ylenlftyrdKlmUD/download>

Grant Identifiers at Crossref

- SNSF is open for participation in Crossref to register DOIs for grants and provide “up to date” grant metadata.
- Enable publishers and repositories to create reliable links between grant and research output.
- Expectation: Better track output of SNSF grants.

Funding selection in Figshare based on grant data in Dimensions.ai



The screenshot shows a web interface for selecting funding information. It includes a search bar for grants, a section for adding more grant info, a references section with a link input, a license dropdown menu set to CC BY 4.0, and a draft status warning. Below the warning are four action buttons: 'Apply embargo', 'Make file(s) confidential', 'Generate private link', and 'Reserve Digital Object Identifier'.

<https://figshare.com/blog/funding/446>



My last say

- Funders awareness of rich metadata at Crossref just has started and it is seen as valuable.
- Crossref data has become the “authoritative” source for so many applications (including TDM).
- Let’s strive for quality and completeness at the beginning, instead of improve data in downstream applications (e.g author disambiguation, funding information).
- As funder there is willingness to pay for the costs of services.
- Maximize community benefit through open services to the public.