

Green open access, transformative agreements and Plan S

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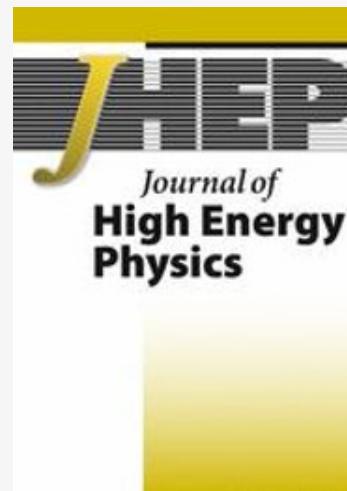
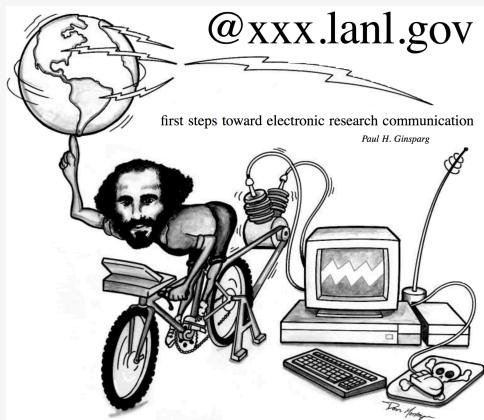


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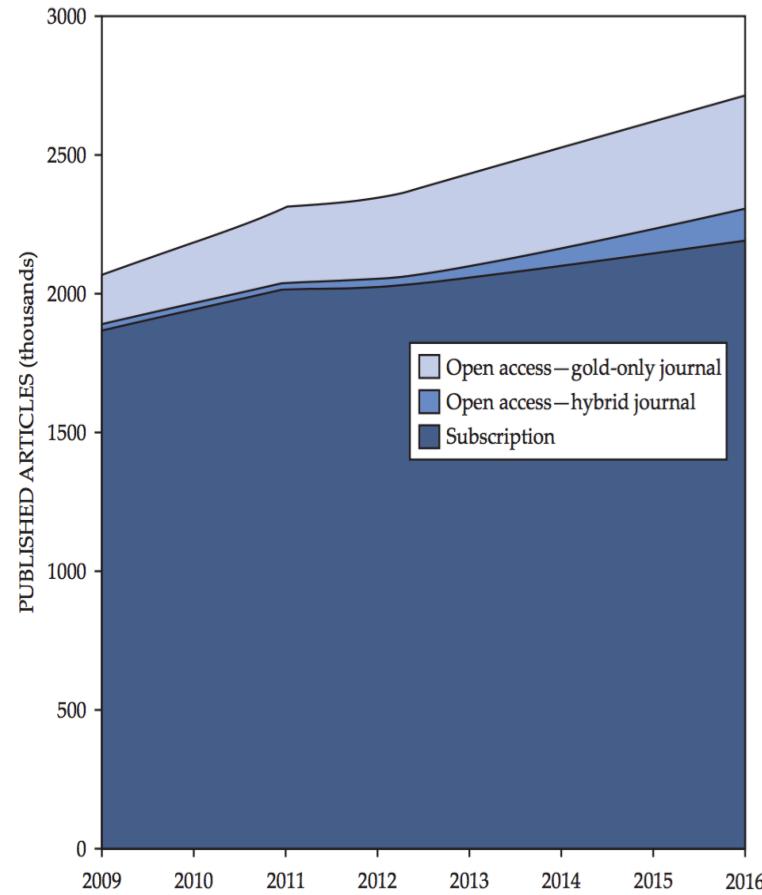
- **Archives**
- -institutional
- -third party (arXiv 1991-, PubMed, PMC, bioRxiv, ChemRxiv, SocArXiv)
- **JHEP (1997-)**
- **Historical development of OA** (Budapest 2002, Bethesda 2003, Berlin 2003)



SciPost

Open Access

- Stimulus to fund new journals
- Growing cost of subscriptions
- Plos One as an emblematic case
- The growth (10-20% of the global market in 10 yrs)



Plan S

- “Green” and “Gold”
- Ban IF (Leiden, DORA)
- Copyright
- Pros and cons: pay attention to growing costs for authors
- Attention to funding and evaluation

SCOAP³

- JHEP, JCAP, Nuclear Physics, PRD, PRL, EPJC, ...
- ~ 30000 articles from 2014, 3000 libraries, 44 countries
- JHEP: best journal in the field of high energy
- Costs (SISSA Medialab): ~1000 €/article

- Transformative agreements (Cambridge, ACS, Springer, De Gruyter, Emerald)
- Use of the publishing resources
- ESAC registry
- Embargo and the Gallo bill
- Gold journals
- Impact of APC
- Other models: academy-owned (Sci-Post), next-generation arXivs, publishing on conference proceedings (AI, instrumentation, ...)

- American Chemical Society (ACS) 21/04/2020
- Cambridge University Press (CUP) 21/04/2020
- Springer 08/05/2020
- Emerald 28/05/2020
- De Gruyter 29/05/2020

- 3 to 5 years
- ~5% annual increase
- about 5/10 M€ expiring in 2020
- tokens not shared a-priori (additional discounted tokens)