



# OPEN ACCESS MONITOR GERMANY

ICOLC Meeting 2019, Luxembourg

22.10.2019 | IRENE BARBERS | Forschungszentrum Jülich, Central Library

Member of the Helmholtz Association



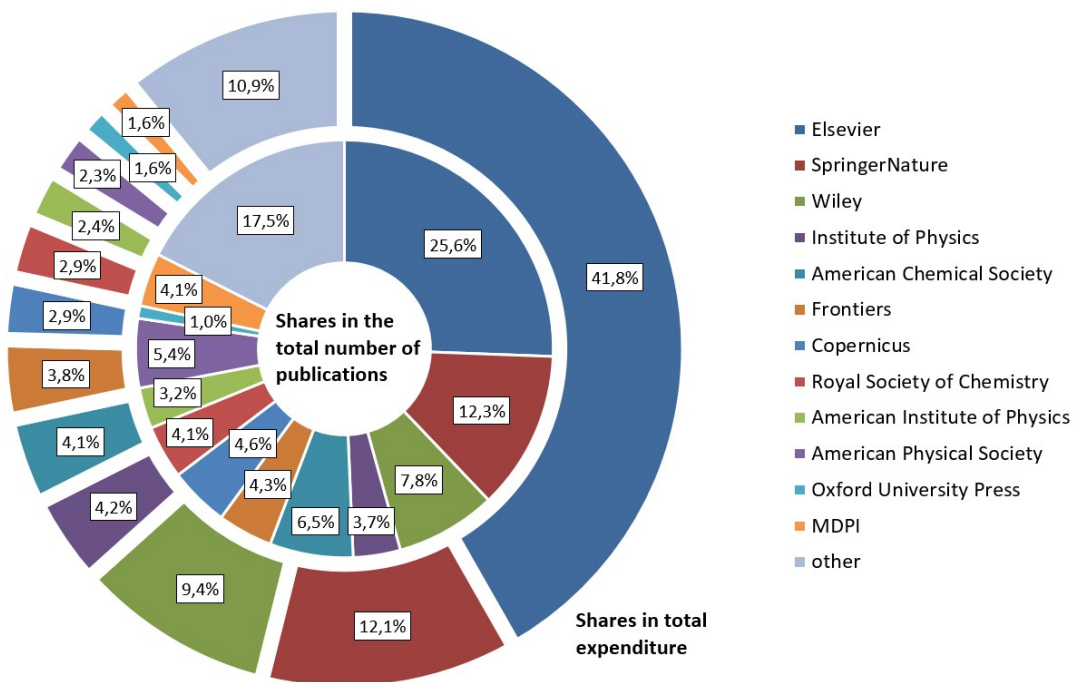
# MONITORING THE TRANSITION TO OPEN ACCESS

- Reliable Data is needed to support the transition to Open Access and to monitor the shift of financial flows
  - Publications data: count of publications per publisher, per journal, per institution; proportions of Open Access and Closed Access
  - Cost data: subscription expenditure and publication fees
  - Usage data
  - Citations
- Until 2018 only singular reports with a limited scope available
  - On federal state level (for Berlin in 2016)
  - For individual institutions (OA Barometer, FZ Jülich)
- **Universally desirable for all academic institutions**

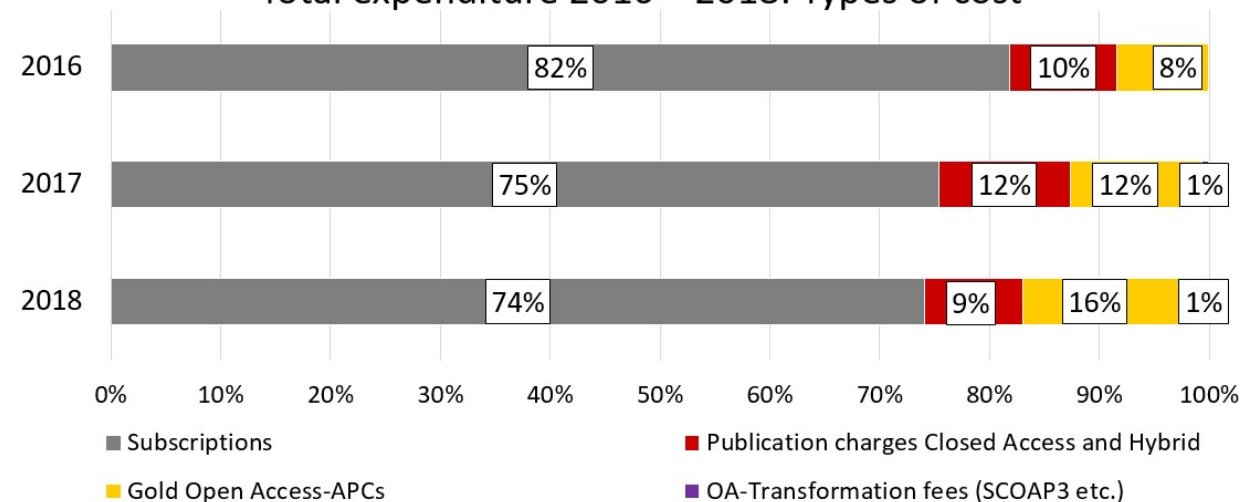
# MONITORING THE TRANSITION AT THE LOCAL LEVEL

## Open Access Barometer Forschungszentrum Jülich

Shares of publishing houses in number of publications and in total expenditure 2018



Total expenditure 2016 – 2018: Types of cost



[https://www.fz-juelich.de/zb/EN/Expertise/open\\_access/oa\\_barometer/oa\\_barometer\\_node.html](https://www.fz-juelich.de/zb/EN/Expertise/open_access/oa_barometer/oa_barometer_node.html)

# OPEN ACCESS MONITOR GERMANY: PROJECT ORGANIZATION

- Data Office for the National Contact Point Open Access **OA2020-DE** - funded by the **Alliance of Science Organizations in Germany** to support the large-scale Open Access transformation until mid-2020: 1 of 3 FTEs
- **SynOA** - funded by the **Federal Ministry of Education and Research** as a part of the national Open Access Strategy until mid-2020: 2 FTEs + part-time contributions from FZ Jülich staff
- Application for continued funding in preparation

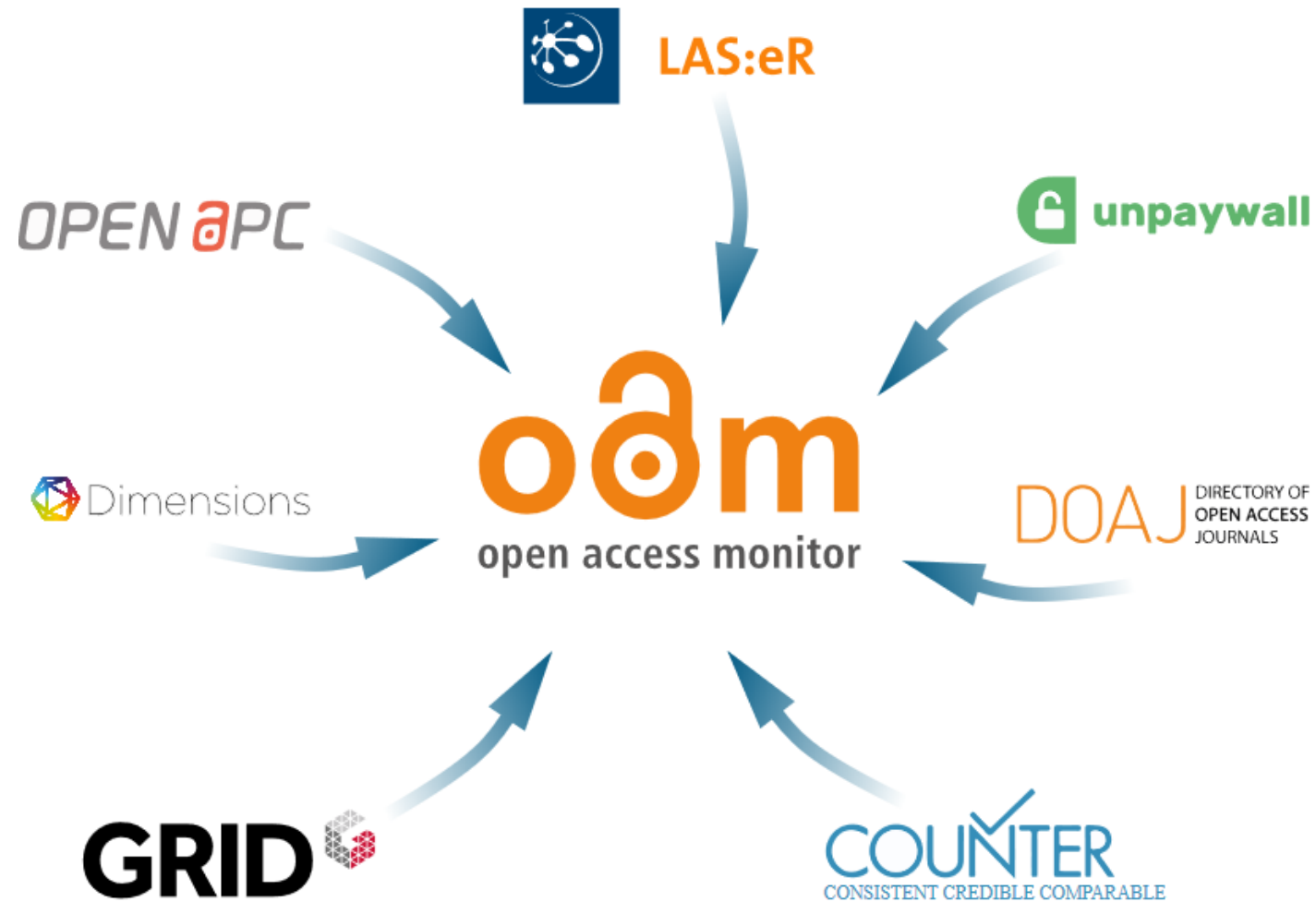
# PROJECT MISSION

- The Open Access Monitor Germany aims to cover the full extent of publications that have been published by German academic institutions in scholarly journals
- By analysing subscription expenditure and publication costs we observe and support the transition to the Open Access model in German scholarly publishing
- The Open Access Monitor Germany builds upon systems which are already in existence or are currently being developed
- It serves as a data warehouse for OA2020-DE, e.g. compiles supporting data and prepares reports to inform negotiations for transition agreements

# PROJECT STAKEHOLDERS

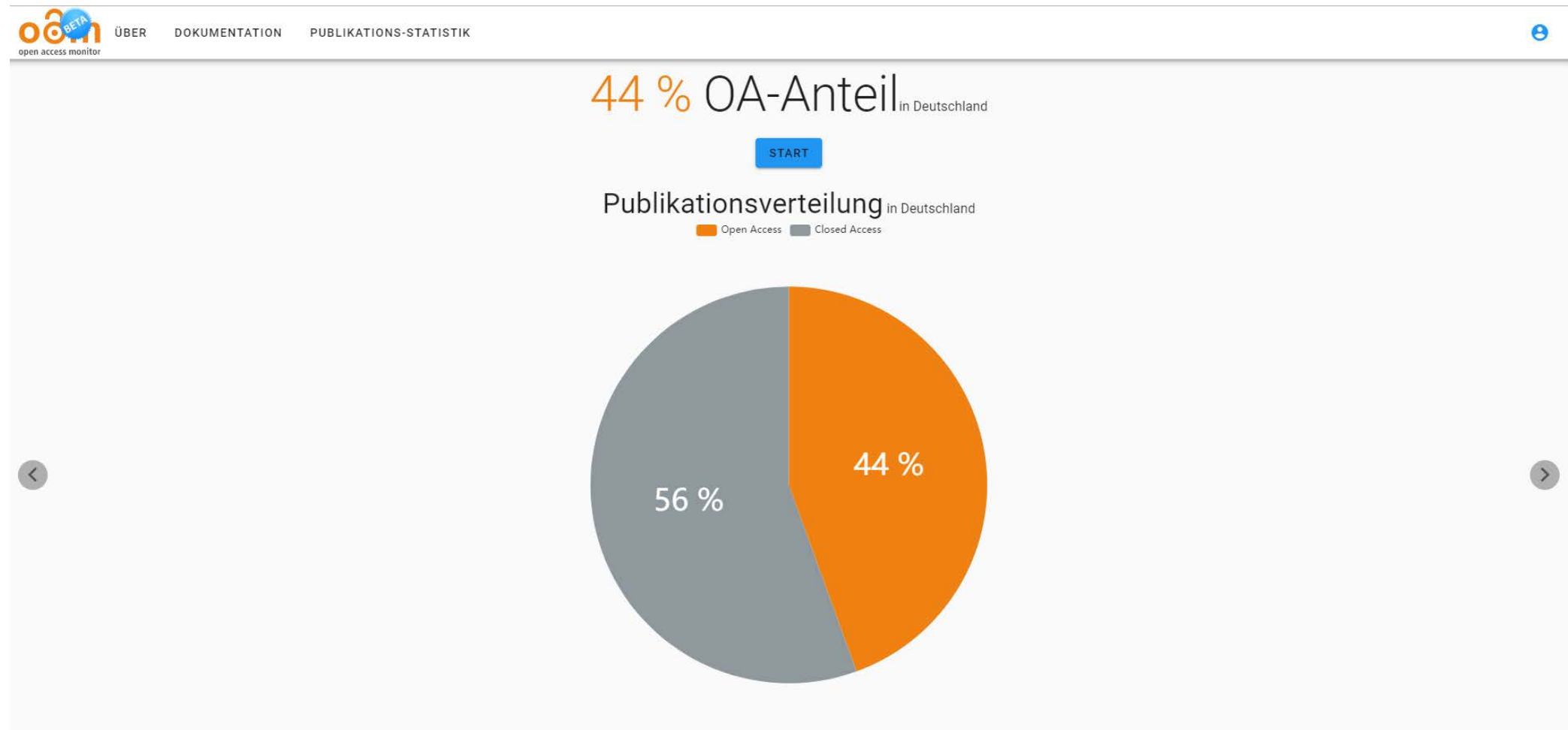
- **National and regional authorities** gain detailed overview of the situation in their area of responsibility
- **Funders** may prioritize and evaluate their programmes
- **Institutions** may identify scientific areas where they can increase their efforts
- **Libraries** may negotiate fact-based agreements for the transition to Open Access and switch funds from subscription budgets to publication funds
- **Authors** may optimize their publication behaviour
- **ScholComm Researchers** have access to data for research on scholarly publishing

# SOURCE SYSTEMS





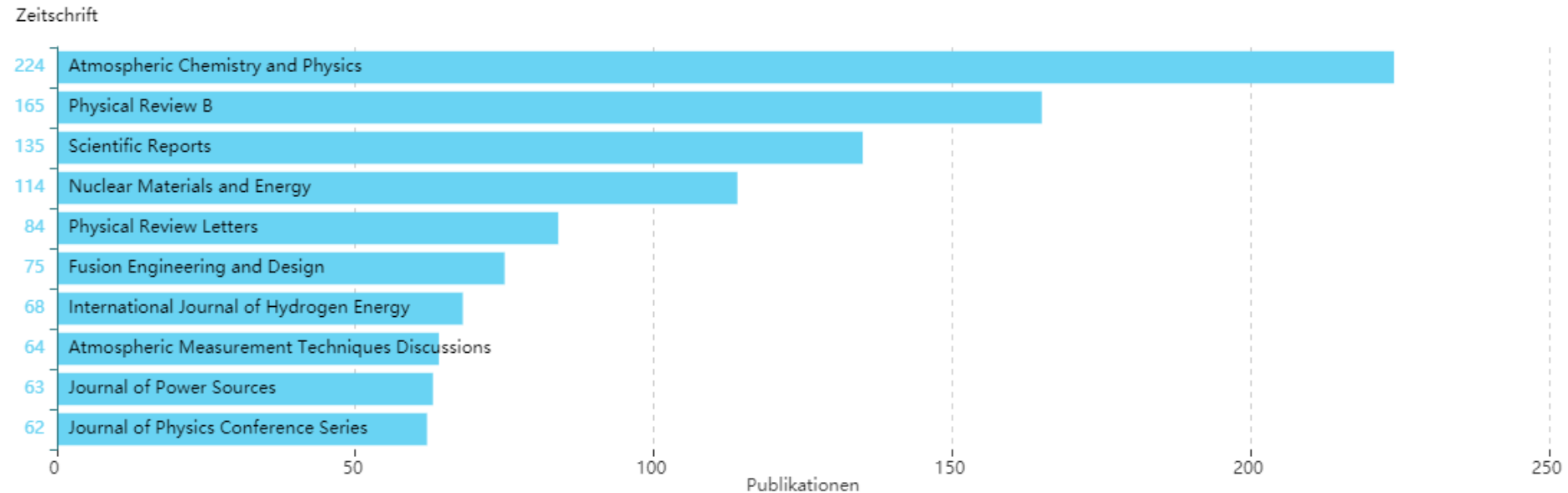
# INSIDE THE OPEN ACCESS MONITOR





# VIEWS AND ANALYSES

## Publications per journal



Number of published articles in the respective journal according to the following criteria: Germany, Forschungszentrum Jülich, 2016,2017,2018,2019, display limit 10.

# VIEWS AND ANALYSES

## Publications per journal



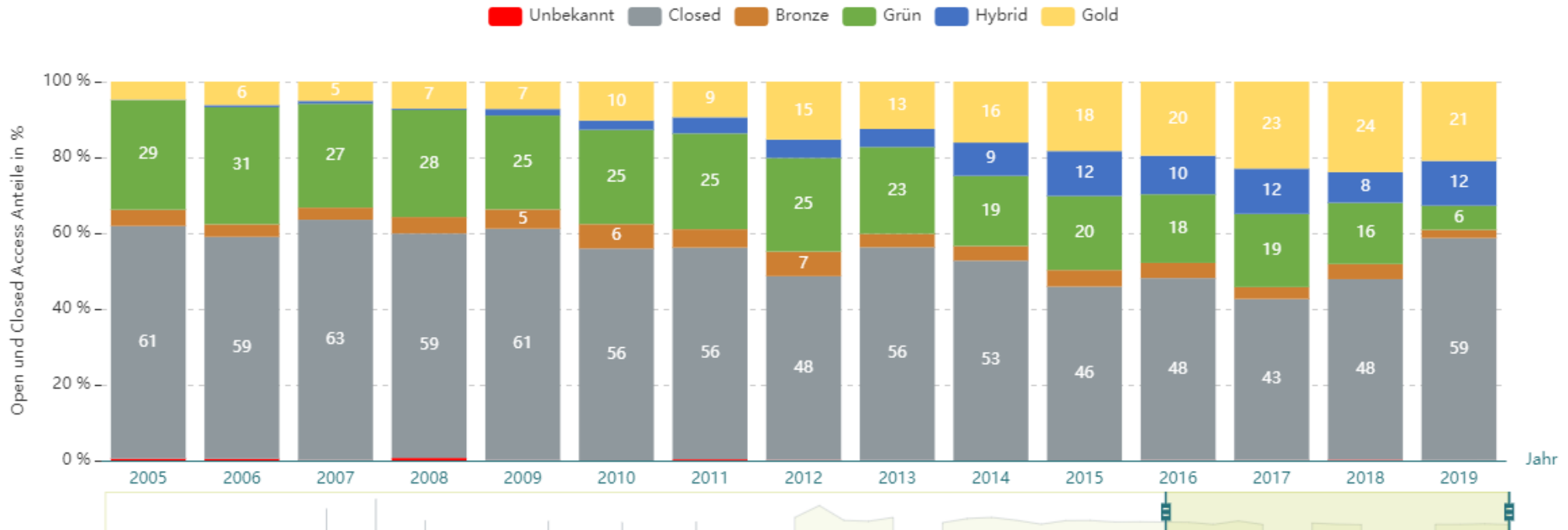
ID of the magazine (Dimensions)	magazine	total
<a href="#">jour.1033685</a>	Atmospheric Chemistry and Physics	224
<a href="#">jour.1320488</a>	Physical Review B	165
<a href="#">jour.1045337</a>	Scientific Reports	135
<a href="#">jour.1149268</a>	Nuclear Materials and Energy	114
<a href="#">jour.1018277</a>	Physical Review Letters	84
<a href="#">jour.1136948</a>	Fusion Engineering and Design	75
<a href="#">jour.1026109</a>	International Journal of Hydrogen Energy	68
<a href="#">jour.1049386</a>	Atmospheric Measurement Techniques Discussions	64
<a href="#">jour.1042951</a>	Journal of Power Sources	63
<a href="#">jour.1043366</a>	Journal of Physics Conference Series	62



Number of published articles in the respective journal according to the following criteria: Germany, Forschungszentrum Jülich, 2016,2017,2018,2019, display limit 10.

# VIEWS AND ANALYSES

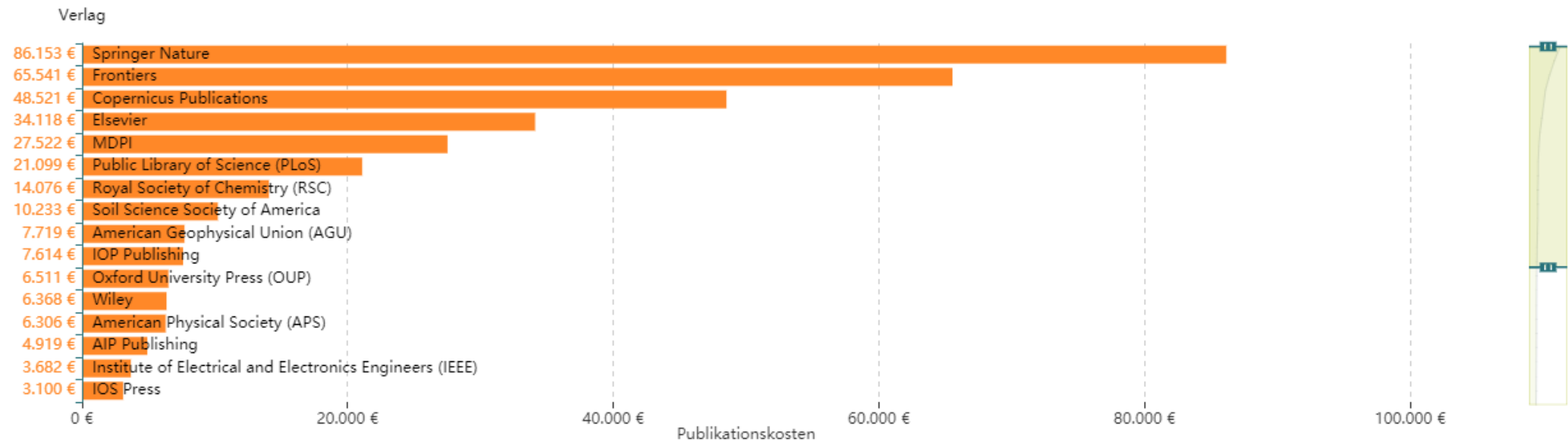
## Open access status per year



Open Access status of publications per year according to the following criteria: Germany, Forschungszentrum Jülich.

# VIEWS AND ANALYSES

## Publication costs per publisher



Publication costs in Euro per publisher according to the following criteria: Germany, Forschungszentrum Jülich, 2018.

# VIEWS AND ANALYSES

## Publication costs per publisher

▼ search   

6,306€

Publication costs in Euro per publisher according to the following criteria: Germany, Forschungszentrum Jülich, American Physical Society (APS), 2018, display limit 20.

## Publication costs per journal

▼ search   

ID of the magazine (Dimensions)	magazine	total
<a href="#">jour.1050420</a>	Physical Review X	€ 2,539.30
<a href="#">jour.1018277</a>	Physical Review Letters	€ 2,398.65
<a href="#">jour.1320488</a>	Physical Review B	€ 1,368.38

< 1 >

Publication costs in Euro per journal according to the following criteria: Germany, Forschungszentrum Jülich, American Physical Society (APS), 2018, display limit 20.

# VIEWS AND ANALYSES



Eigene Kosten							
NR.	BEZEICHNUNG		RECHNUNGSSUMME	WERT (IN EUR)	STATUS	DATUM VON DATUM BIS	ELEMENT
1	Gutschrift SCOAP3	⊖	5.813,12 USD 6.917,61 USD (19%)	4.970,18 € 5.914,51 € (19%)	feststehend	01.01.2018 31.12.2018	Erstattung: Open- Access-Gutschrift
2	Handling	⊕	1.134,07 USD 1.134,07 USD (Steuersatz nicht gesetzt)	969,62 € 969,62 € (Steuersatz nicht gesetzt)	feststehend	01.01.2018 31.12.2018	Gebühr: Verwaltungsgebühr
3	APS all	⊕	38.120,00 USD 45.362,80 USD (19%)	32.592,34 € 38.784,88 € (19%)	feststehend	01.01.2018 31.12.2018	Preis: Endpreis
GESAMTKOSTEN							
Rechnungssumme in USD Endpreis			33.440,95 USD 39.579,26 USD	LAS:eR			
Wert in EUR Endpreis			28.591,78 EUR 33.839,99 EUR				

ÜBER
DOKUMENTATION
decker

Dashboard
Publikationsanalyse
Kostenanalyse
Kostenverteilung
Meine Subskriptionskosten
Subskriptionskosten
Publikationskosten

## Kostenanalyse/Meine Subskriptionskosten

### Meine Subskriptionskosten

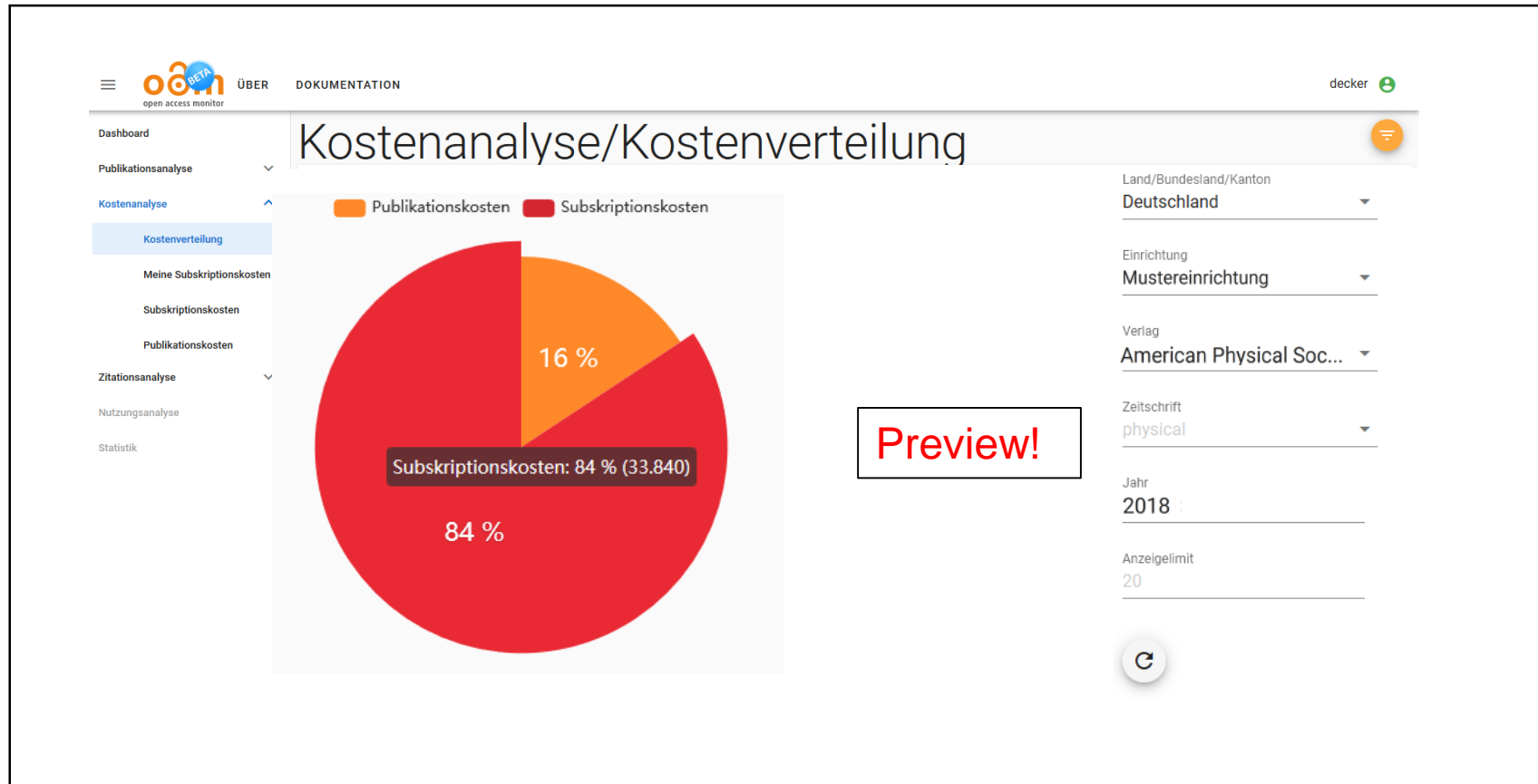
33.840€

nach folgenden Kriterien: Deutschland, Mustereinrichtung, American Physical Society (APS), 2018

Land/Bundesland/Kanton  
Deutschland
Einrichtung  
Mustereinrichtung
Verlag  
American Physical Soc...
Zeitschrift  
physical
Jahr  
2018
Anzeigelimit  
20

Preview!

# VIEWS AND ANALYSES





# OPEN ACCESS MONITOR GERMANY: SUMMARY

- Database developed, set up and running
- Data sources integrated
- Web Interface established and already well used by the community
- Libraries are advised on use of web interface and interpretation of data, e.g. in the DEAL context
- API and Query Tool provided
- Code snippets for embedding into institutional websites

# OPEN ACCESS MONITOR GERMANY: OUTLOOK

- Expand data on subscription expenditure
- Integrate additional data sources
- Investigate possibilities for monitoring of traditional publication costs, e.g. colour charges
- Develop more functionalities for different use cases and according to user feedback
- Supply more views and analyses, e.g. views for consortia
- Integrate usage data
- Introduce mapping to fields of research

# TEAM AND CONTACT

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[https://www.fz-juelich.de/zb/synoa\\_en](https://www.fz-juelich.de/zb/synoa_en)



<https://open-access-monitor.de>

# SOURCE SYSTEMS REFERENCES

Dimensions	<a href="https://www.dimensions.ai/">https://www.dimensions.ai/</a>
GRID	<a href="https://www.grid.ac/">https://www.grid.ac/</a>
OpenAPC	<a href="https://www.intact-project.org/openapc/">https://www.intact-project.org/openapc/</a>
LAS:eR	<a href="https://laser.hbz-nrw.de/">https://laser.hbz-nrw.de/</a>
Unpaywall	<a href="https://unpaywall.org/">https://unpaywall.org/</a>
DOAJ	<a href="https://doaj.org/">https://doaj.org/</a>