

# PUBLICATION COST TRANSPARENCY AND THE ROLE OF THE OPEN ACCESS MONITOR GERMANY

OpenCost Expert Workshop, Hamburg, 5 – 7 October 2022

7 October 2022 | Irene Barbers | Forschungszentrum Jülich, Central Library

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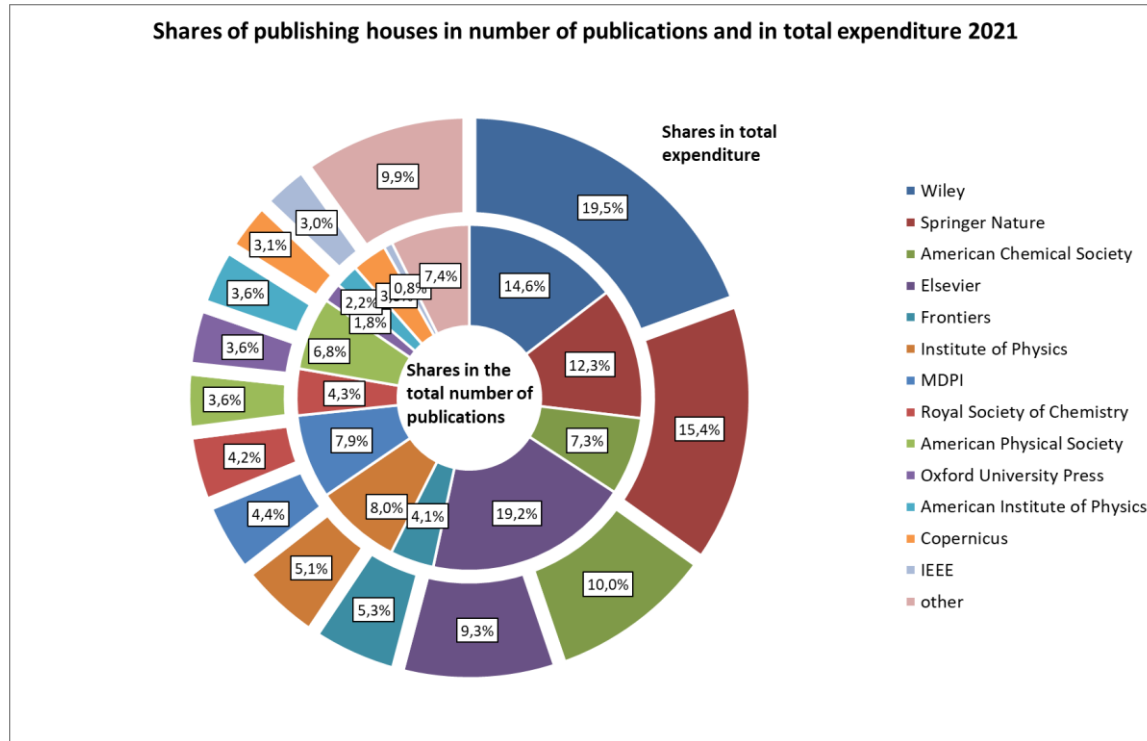
Member of the Helmholtz Association



# OPEN ACCESS MONITOR – THE PROJECT

- 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

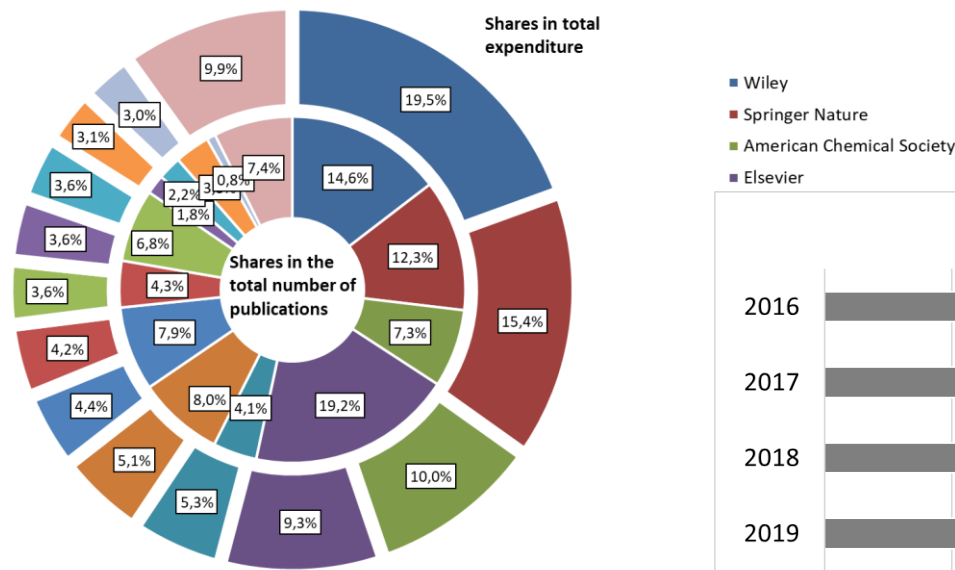
# OPEN ACCESS MONITOR – THE IDEA



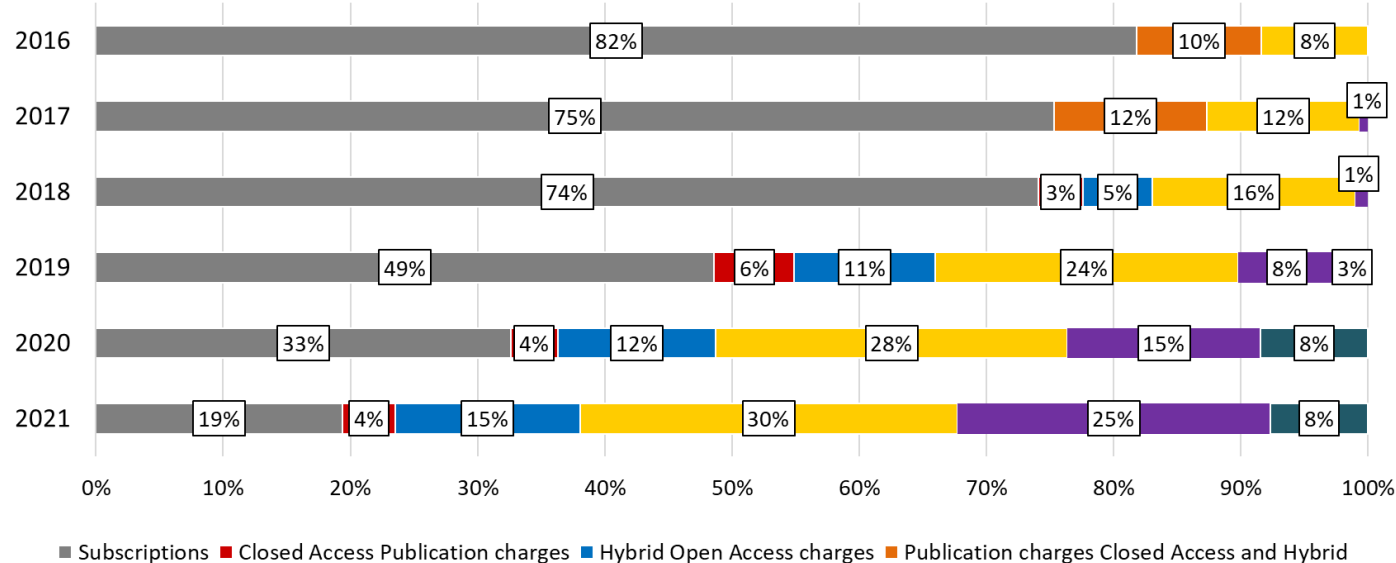
[https://go.fzj.de/oa\\_barometer\\_en](https://go.fzj.de/oa_barometer_en)

# OPEN ACCESS MONITOR – THE IDEA

Shares of publishing houses in number of publications and in total expenditure 2021

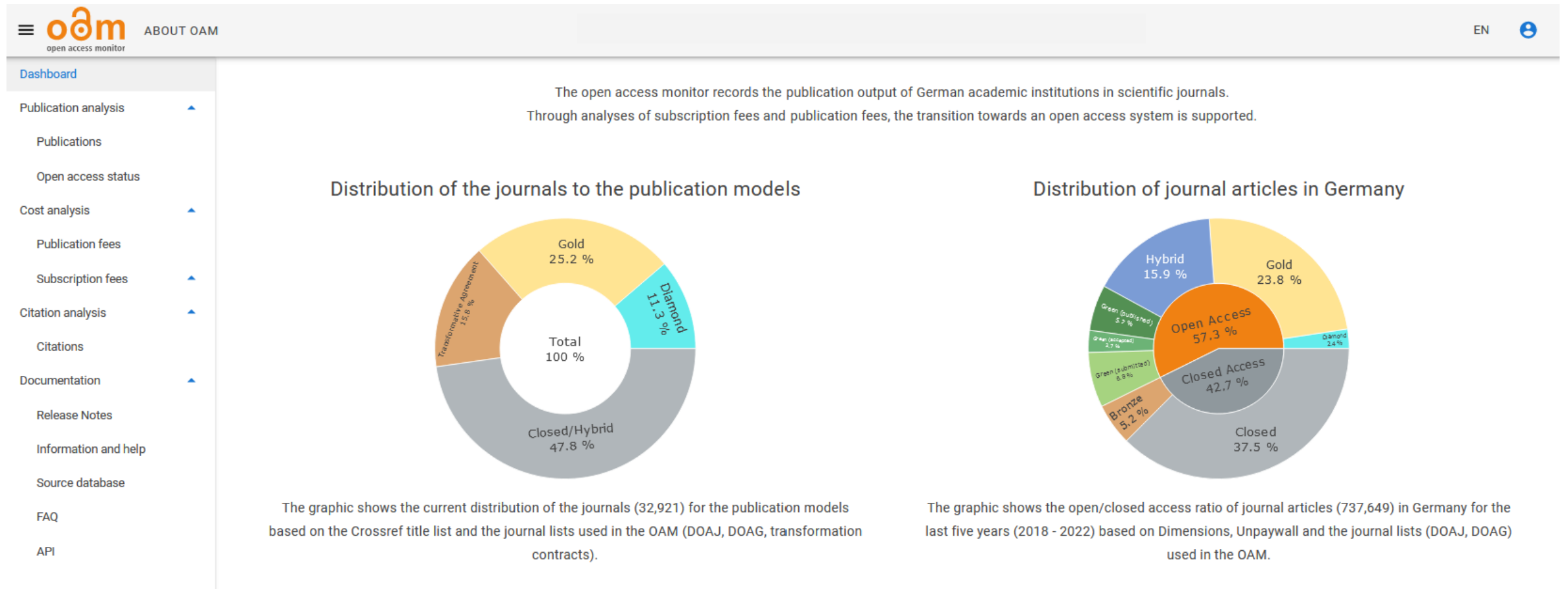


Total expenditure 2016 – 2021: Types of cost



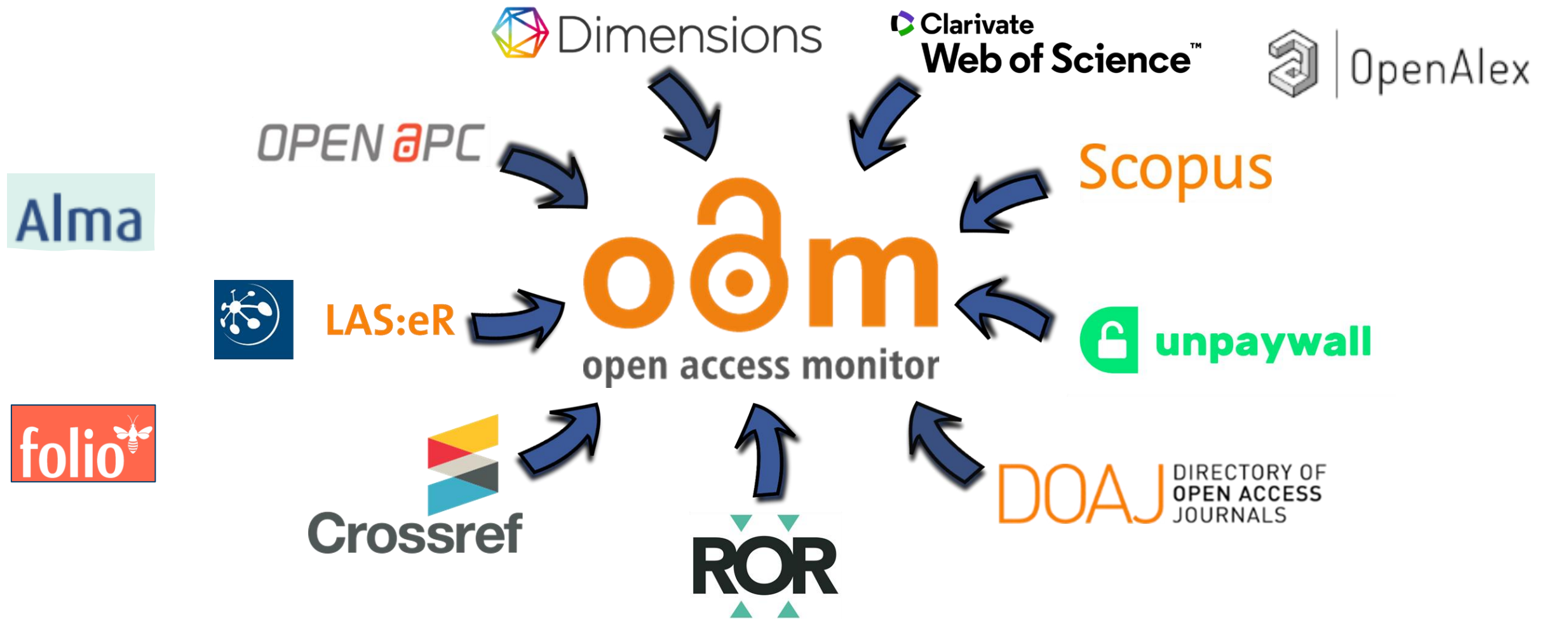
[https://go.fzj.de/oa\\_barometer\\_en](https://go.fzj.de/oa_barometer_en)

# OPEN ACCESS MONITOR – THE USER INTERFACE

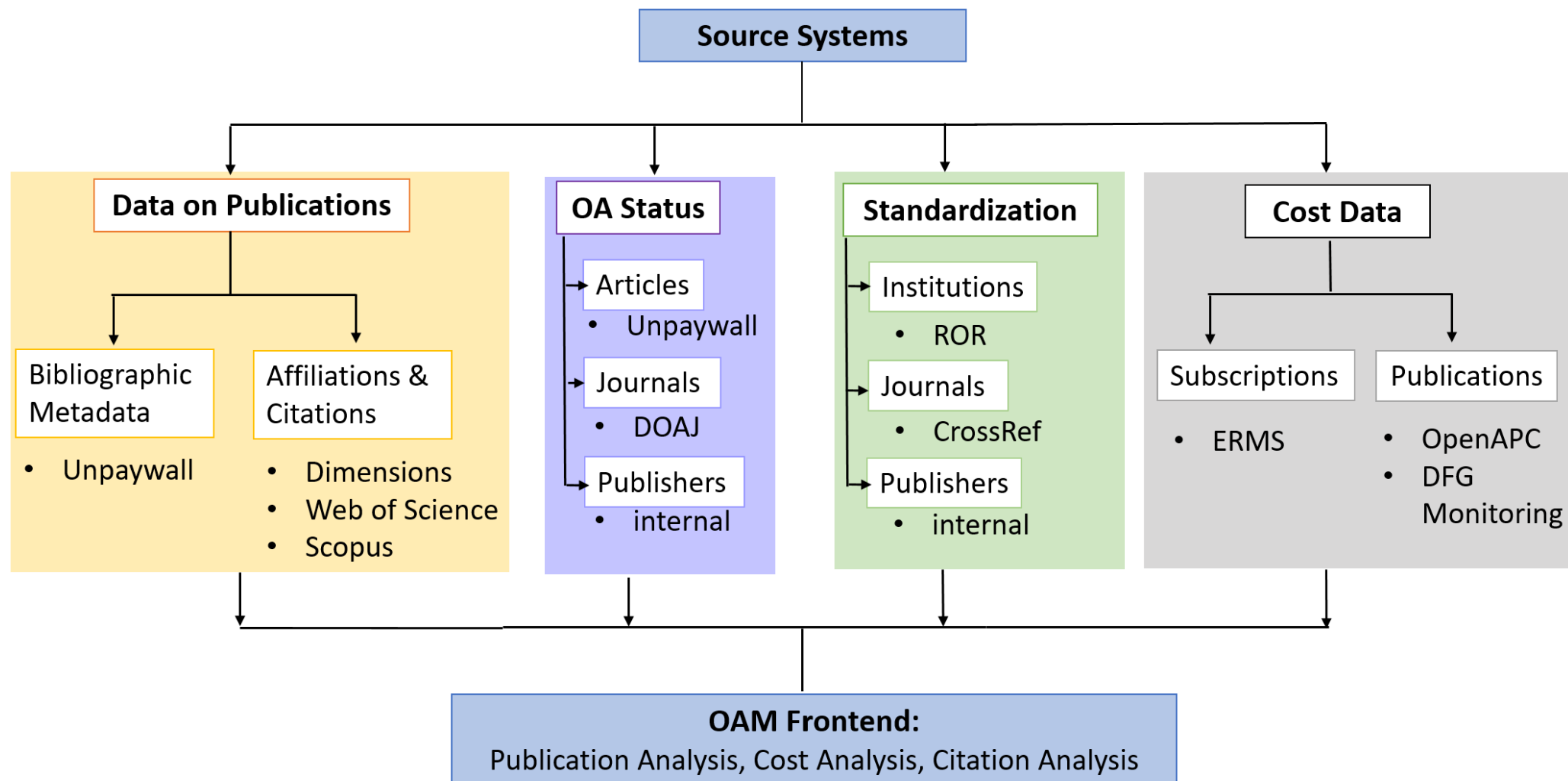


<https://open-access-monitor.de/>

# OPEN ACCESS MONITOR – THE SOURCE SYSTEMS



# OPEN ACCESS MONITOR – THE DATABASE



# EXAMPLE: OPEN ACCESS STATUS ANALYSIS

Dashboard

Publication analysis

Publications

Open access status

Cost analysis

Publication fees

Subscription fees

Citation analysis

Citations

Documentation

Release Notes

Information and help

Source database

FAQ

API

Filter

Data source

Web of Science

Selection of the data source.

Authors

Corresponding Authors

Selection of which authors of a publication will be included in the search.

Country

Country of the publishing institution.

Federal state

State of the publishing institution.

Institution

Institution with which the publishing authors are affiliated.

Publisher

Publisher

Publisher publication model

Select the publisher's publication model.

Journal

Journal

DESY

Journal publication model

Select the journal's publication model.

Transformative Agreement

Restrict the search to journals under a transformative contract.

List of journals

Restrict the search to curated journal lists.

Publication OA model

Publication OA model

Release date

01.01.2018 → 03.10.2022

RESET

Grouping

INSTITUTIONS

INSTITUTION TYPES

FEDERAL STATES

PUBLISHERS

JOURNALS

YEARS

OPEN / CLOSED ACCESS

Open access status

Search for DOI or Source ID

Year of publication	Closed	Bronze	Green (submitted)	Green (accepted)	Green (published)	Hybrid	Gold	Diamond	Total
2018	17	2	7	1	113	75	56	45	316
2019	18	1	5	4	105	62	66	70	331
2020	16	1	9	1	86	69	65	81	328
2021	24	2	15	1	71	84	69	67	333
2022	17		8	2	28	47	46	29	177

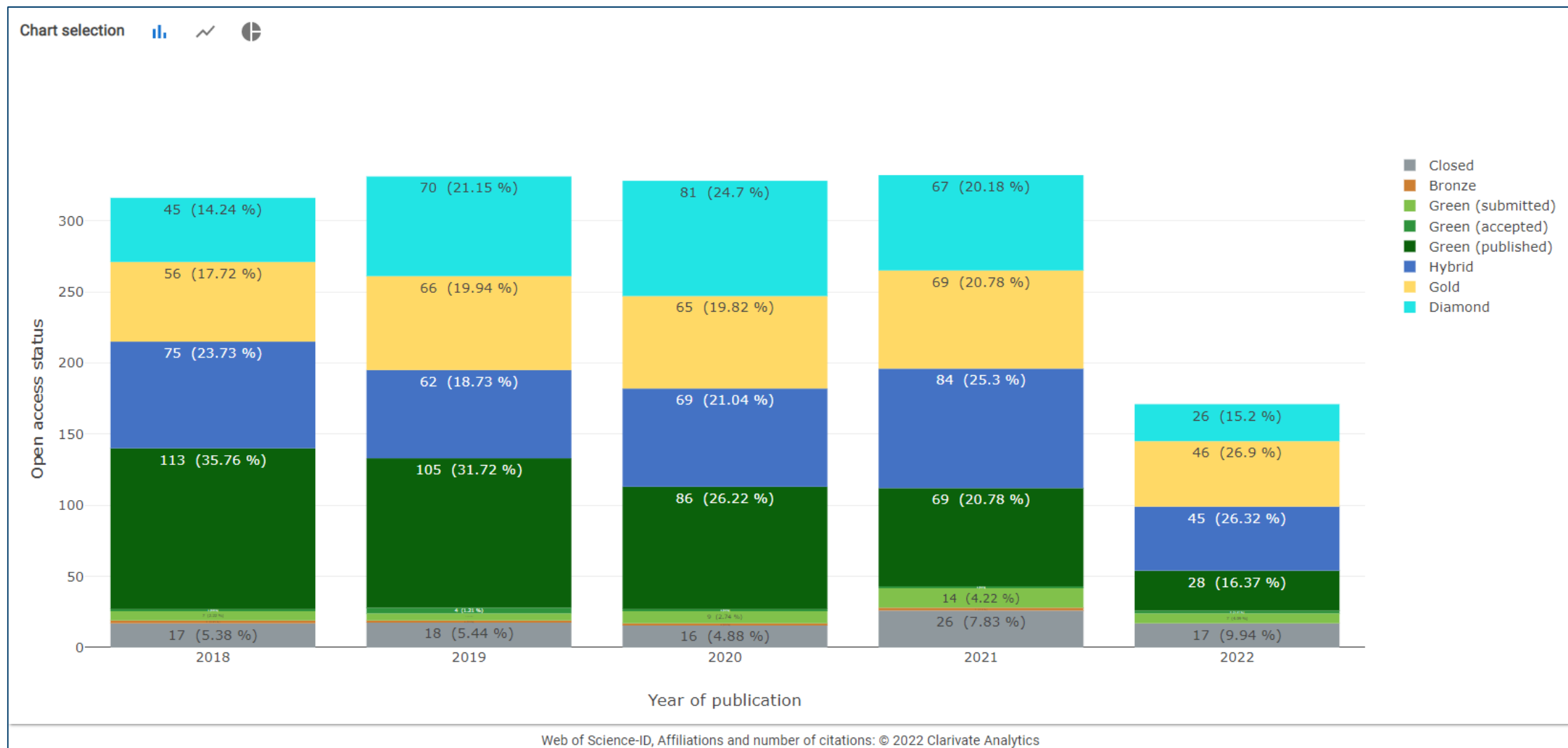
last update: 17.09.2022

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<https://open-access-monitor.de/open-access/232756152>



# EXAMPLE: OPEN ACCESS STATUS ANALYSIS



# DATA FOR GRANT APPLICATIONS



ABOUT OAM

Dashboard

Publication analysis

**Publications**

Open access status

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Publication fees

Subscription fees

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Information and help

Source database

FAQ

API

Filter

Data source

Dimensions

Selection of the data source.

Authors

all

Selection not available for selected data source.

Country

Germany

Country of the publishing institution.

Institution

Institution with which tl

Journal publication model

Select the journal's publication model.

Release date

01.01.2018 → 11.09.2022

Grouping

INSTITUTIONS

Publications

Transformative Agreement

☐ ACM (hebis) 2021-2026

☐ AIP (TIB) 2021-2023

☐ BMJ (BSB) 2022-2022

☐ CUP (BSB) 2022-2024

☐ De Gruyter (SUB Göttingen) 2021-2022

☐ DeGruyter (ZBW) 2021-2022

List of journals

Restrict the search to curated journal lists.

JOURNALS

YEARS


OA MODELS


for DOI or Source ID

Filter options for journals within transformative agreements


Member of the Helmholtz Association

10

  
open access monitor

 **JÜLICH**  
Forschungszentrum

# DATA FOR GRANT APPLICATIONS

 ABOUT OAM

AUSWERTUNG FÜR DFG-ANTRAG   SUBSKRIPTIONSKOSTEN AUS LAS:ER IN DEN OAM

Dashboard

Publication analysis

**Publications**

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Information and help

Source database

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Filter

Data source

Dimensions

Selection of the data source.

Authors

all

Selection not available for selected data source.

Country

Germany

Country of the publishing institution.

Institution

Institution with which the publishing authors are affiliated.

Publisher

Select the publisher's publication model.

Journal publication model

Select the journal's publication model.

Transformative Agreement

Restrict the search to journals under a transformative contract.

Release date

01.01.2018 → 11.09.2022

Grouping

INSTITUTIONS

INSTITUTION TYPES

FEDERAL STATES

PUBLISHERS

Publications

Search for DOI or Source ID

Filter for eligible Gold OA journals

☐ DFG-Anträge

☐ DOAG (Bielefeld)

☐ Mirror Journals

☐ DOAJ

☐ Gold OA Liste (Bielefeld)

# COST DATA: PUBLICATION FEES VIA OPENAPC

Dashboard

Publication analysis

Publications

Open access status

Cost analysis

Subscription fees

Own institution

OA Barometer

Citation analysis

Citations

Documentation

Release Notes

Information and help

Source database

FAQ

API

oam

open access monitor

ABOUT OAM

R IN DEN OAM

s@fz-juelich.de

Filter

Data source

OpenAPC

Authors

all

Country

Germany

Federal state

Institution

Publisher

Publisher publication model

Journal

Journal publication model

Transformative Agreement

List of journals

Publication OA model

Start year

2021

End year

2021

RESET

Grouping

INSTITUTIONS

INSTITUTION TYPES

FEDERAL STATES

PUBLISHERS

JOURNALS

YEARS

OA MODELS

COST TYPES

NO GROUPING

Publication fees

Search for DOI or Source ID

Institution	Number of publications	APC	Colour Charges	Cover	Hybrid OA	Page Charges	Publication Charges	Reprint	Submission Fee	Other	Total
<a href="#">Charité - Universitätsmedizin Berlin</a>	668	1,266,119 €									1,266,119 €
<a href="#">Technical University of Munich</a>	538	1,027,361 €			8,166 €						1,035,527 €
<a href="#">University of Freiburg</a>	456	941,561 €									941,561 €
<a href="#">Goethe University Frankfurt</a>	482	882,415 €			39,977 €						922,392 €
<a href="#">University of Göttingen</a>	439	814,548 €									814,548 €
<a href="#">Karlsruhe Institute of Technology</a>	403	722,575 €									722,575 €
<a href="#">TU Dresden</a>	391	691,443 €									691,443 €
<a href="#">Jülich Research Centre</a>	318	427,630 €			230,114 €						657,744 €
<a href="#">Ludwig-Maximilians-Universität in Munich</a>	308	644,778 €									644,778 €
<a href="#">Friedrich Schiller University Jena</a>	327	624,679 €									624,679 €

# COST DATA: ADDITIONAL COST TYPES

## Monitoring of the DFG Funding Program: standardized reporting data set

DOI	
Name of Publisher, Server, Repository	
Publication Type	<b>journal article; book; book part; conference proceedings; dataset; preprint; software; other</b>
CC-License	<b>CC BY; CC BY-SA; CC BY-ND; CC BY-NC; CC BY-NC-SA; CC BY-NC-ND; other; none</b>
Currency	Example: EUR, USD, GBP, or other
Total amount in original currency	Set to 0.00 for articles from transformative agreements or from membership agreements. Use transformative agreements or membership tabs to record central payment.
Net amount (Euro)	Set to 0.00 for articles from transformative agreements or from membership agreements. Use transformative agreements or membership tabs to record central payment.
Tax value	
Total amount (Euro)	Set to 0.00 for articles from transformative agreements or from membership agreements. Use transformative agreements or membership tabs to record central payment.
Funding amount DFG	Set to 0.00 for articles from transformative agreements or from membership agreements. Use transformative agreements or membership tabs to record funding applied to central payment.
<b>Cost type (not eligible for funding) Reporting not mandatory, but encouraged</b>	<b>Colour charge; Cover charge; Hybrid OA-Fee (not transformative); Page Charge; Publication Charge; Reprint; Submission fee; Other</b>
Membership	Name of membership agreement; use tab for memberships to record payments
Transformative agreement	Name of transformative agreement; use tab for transformative agreements to record payments <b>none; ACM (hebis); AIP (TIB); BMJ (BSB); CUP (BSB); DeGruyter (SUB Göttingen); DeGruyter (ZBW); ECS (TIB); Hogrefe (SUB Göttingen); IOP (TIB); Karger (BSB); Nature (MPDL); RSC (TIB); Sage (BSB); SPIE (TIB); Springer (DEAL); Thieme 1 (ZB MED/FZJ); Thieme 2 (ZB MED/FZJ); Wiley (DEAL)</b>
Funding year	Year in which funding was received from DFG Leave blank for articles from transformative agreements or from membership agreements
Invoicing year	Year in which publisher's invoice was paid Leave blank for articles from transformative agreements or from membership agreements
Grant Number DFG-Project	Not mandatory at this stage
Subject area DFG	<b>Social Sciences and Humanities; Life Sciences; Science; Engineering; Multidisciplinary</b>

# TOTAL COST OF PUBLICATIONS IN THE OPEN ACCESS MONITOR

Publication analysis

Publications

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INSTITUTION TYPES

INSTITUTION TYPES

FEDERAL STATES

PUBLISHERS

JOURNALS

YEARS

OA MODELS

COST TYPES

NO GROUPING

>

Publication fees

Search for DOI or Source ID

Download

Share

Publisher	Publication model	Number of publications	APC	Colour Charges	Cover	Hybrid OA	Page Charges	Publication Charges	Reprint	Submission Fee	Other	Total
Springer Nature	Closed/Hybrid	91	121,350 €	11,068 €		39,583 €	2,884 €		912 €			175,798 €
Elsevier	Closed/Hybrid	53	16,866 €	21,350 €		62,053 €	4,804 €	6,142 €	648 €			111,863 €
Frontiers	Gold	60	110,171 €									110,171 €
		62	25,310 €	4,590 €	3,445 €	47,389 €	18,273 €	4,669 €	150 €	122 €		103,948 €
Wiley	Closed/Hybrid	30	35,165 €	3,126 €	2,725 €	30,318 €	4,049 €	2,500 €		66 €	101 €	78,049 €
Copernicus GmbH	Gold	47	73,838 €									73,838 €
Multidisciplinary Digital Publishing Institute (MDPI)	Gold	62	69,123 €								189 €	69,312 €
Oxford University Press (OUP)	Closed/Hybrid	15	3,211 €	23,888 €		22,716 €	6,936 €		443 €	191 €	155 €	57,539 €
Public Library of Science (PLoS)	Gold	22	33,808 €									33,808 €
IOP Publishing	Closed/Hybrid	10	6,074 €	1,200 €		6,600 €	3,278 €					17,152 €

lines per page

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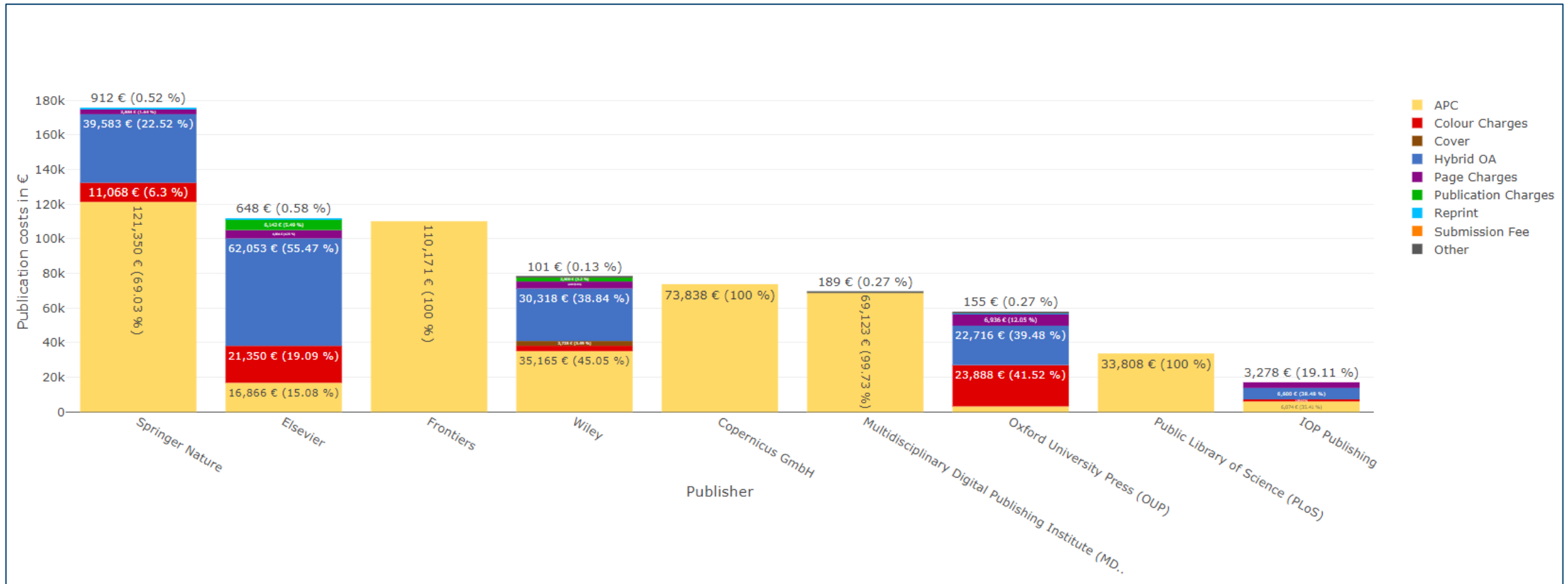
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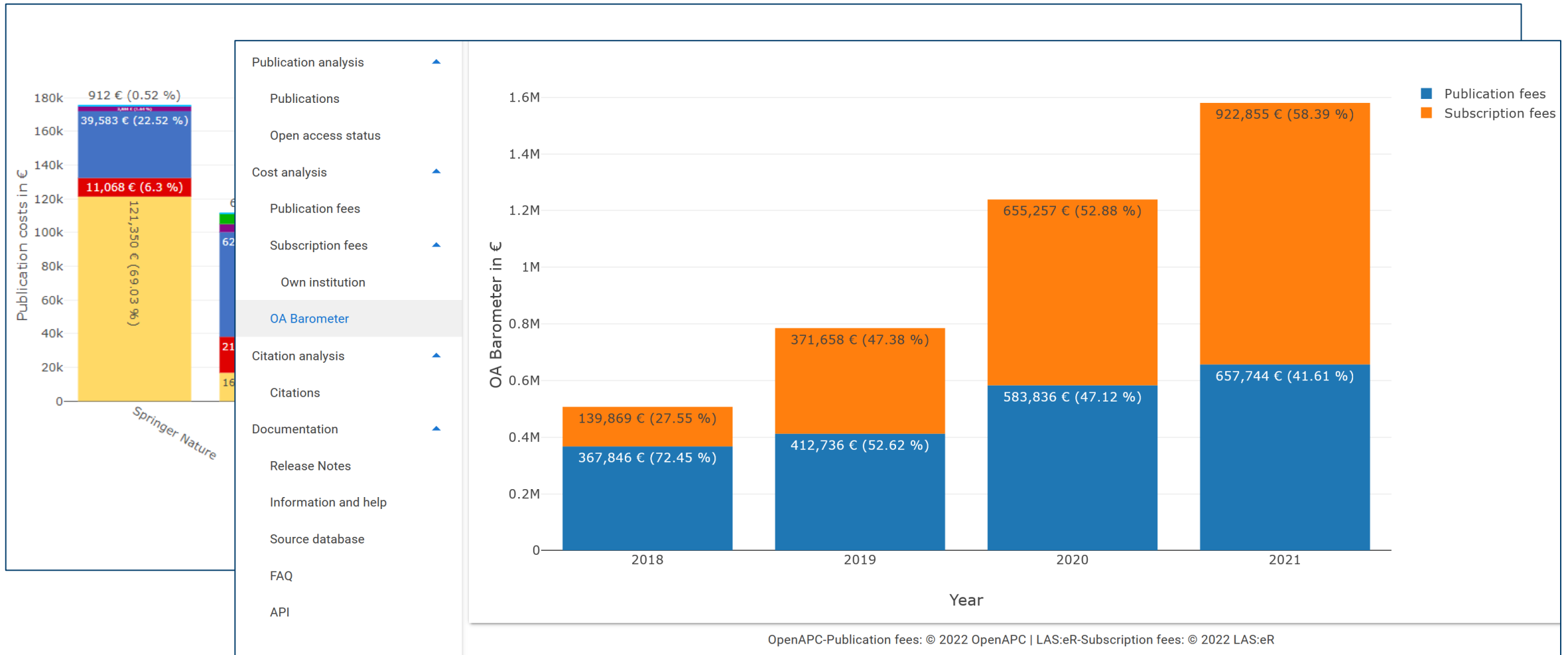
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# TOTAL COST OF PUBLICATIONS IN THE OPEN ACCESS MONITOR



# TOTAL COST OF PUBLICATIONS IN THE OPEN ACCESS MONITOR





# ENABLING AND SHARING TOTAL COST TRANSPARENCY

