UNIVERSITAT POLITÈCNICA DE VALÈNCIA

CC BY

SENIA

THE INSTITUTIONAL CRIS AT UNIVERSITAT POLITECNICA DE VALENCIA

INMACULADA RIBES LLOPES BLANCA PÉREZ AGUILAR

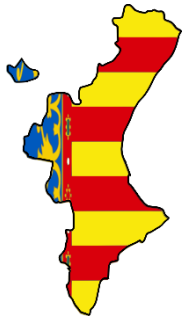
DESIGN BY LIZZETH CELIS SEPULVEDA

UPV

BIBLIOTECA
www.biblioteca.upv.es

About Universitat Politecnica de Valencia. Library

Spain
83 universities, of which 50 are public, of those 4 are Technical Universities



City of Valencia
1st
Erasmus city in Europe
2 public universities and same private

UNIVERSITAT POLITÈCNICA DE VALÈNCIA

UPV
3 Campus: Valencia, Alcoy, Gandía
Students: 28,000
Professors: 2,500
Staff: 1,500
Schools: 14
Degrees: 39 - Double degrees: 14
Masters: 104
Agreements with more than 1,000 universities from 92 countries
Patents and Software: 601

BIBLIOTECA
www.biblioteca.upv.es

Library UPV
100 Library staff
11 Libraries in 3 campus

Commited to Open Science

The UPV in the Leiden Ranking PP. OA. is 2nd place in Spain and 91st in the world.

CWTS Leiden Ranking
Meaningful metrics

Senia's Timeline

NOT LIBRARY

LIBRARY

1990 ≈

SENIA LAUNCH

2010

ENTITIES CONTROL

2012

GATEWAY SENIA - REPOSITORY

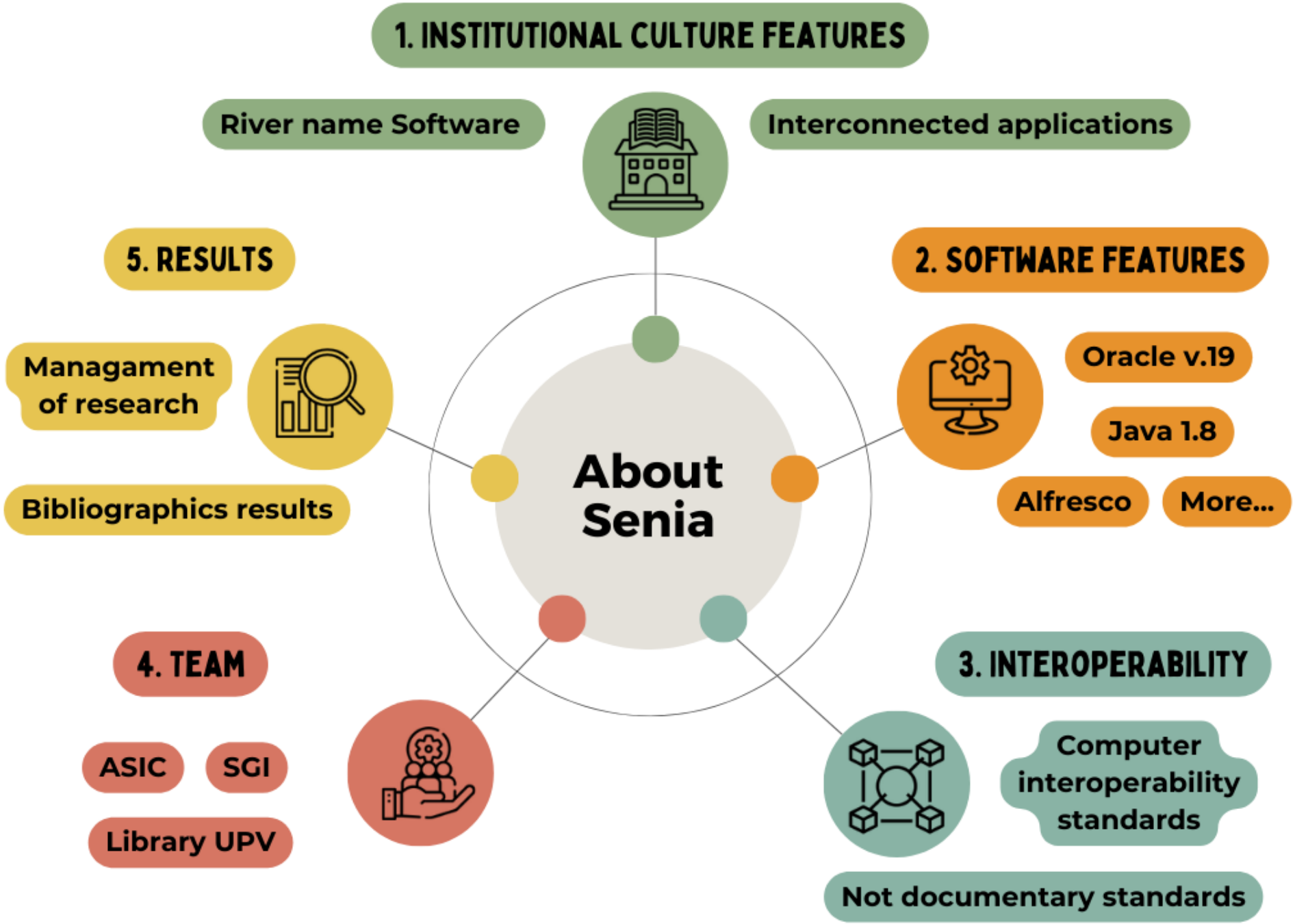
RiuNet UPV

2017

METADATA CURATION

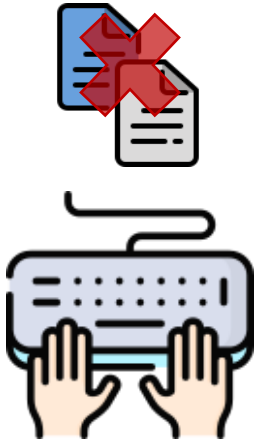
2024

MEDIATED ARCHIVING SERVICE


1. INSTITUTIONAL CULTURE FEATURES
River name Software
Interconnected applications
2. SOFTWARE FEATURES
Oracle v.19
Java 1.8
Alfresco
More...
3. INTEROPERABILITY
Computer interoperability standards
Not documentary standards
4. TEAM
ASIC
SGI
Library UPV
5. RESULTS
Managament of research
Bibliographics results
About Senia

1. Institucional culture features

The UPV's Institutional softwares are usually named after rivers.



"We never type the same thing twice"

We are a "Technical University"!, we love to develop software, it is in our DNA.

2. Software features

- Senia is developed using JAVA technology and it is based on: Java 1.8, JDBC, Hibernate, Maven, Subversion, Junit.
- Senia uses Oracle v. 19 and standard libraries JUPV for the database.
- The application server is Apache Tomcat 8 and Oracle Weblogic.
- Alfresco is used for documents downloading and management.
- At client level, Senia supports the following operating systems: Windows 7, Windows 8, Windows 10 y Mac OS X Snow Leopard o higher.
- Senia supports also the following browsers Internet Explorer, Mozilla, Safari and Chrome.

3. Interoperability

YES

All computer interoperability standards

NO

NOT documental standards:

- CERIF
- Dublin Core
- ...

4. Team

- **ASIC** (Área de Sistemas de la Información) [Information and Communications Systems].
- **SGI** (Servicio de Gestión de la Investigación) [R&D and Innovation Management].
- **Biblioteca** [Library].

asic ÁREA DE SISTEMAS DE INFORMACIÓN Y COMUNICACIONES

Servicio de Gestión de la I+D+i

BIBLIOTECA www.biblioteca.upv.es

UNIVERSITAT POLITÈCNICA DE VALÈNCIA

5. Results

140,000 publications records, of which **25,000** curated and enriched records by the Library.

AS A WHOLE

Management of research:

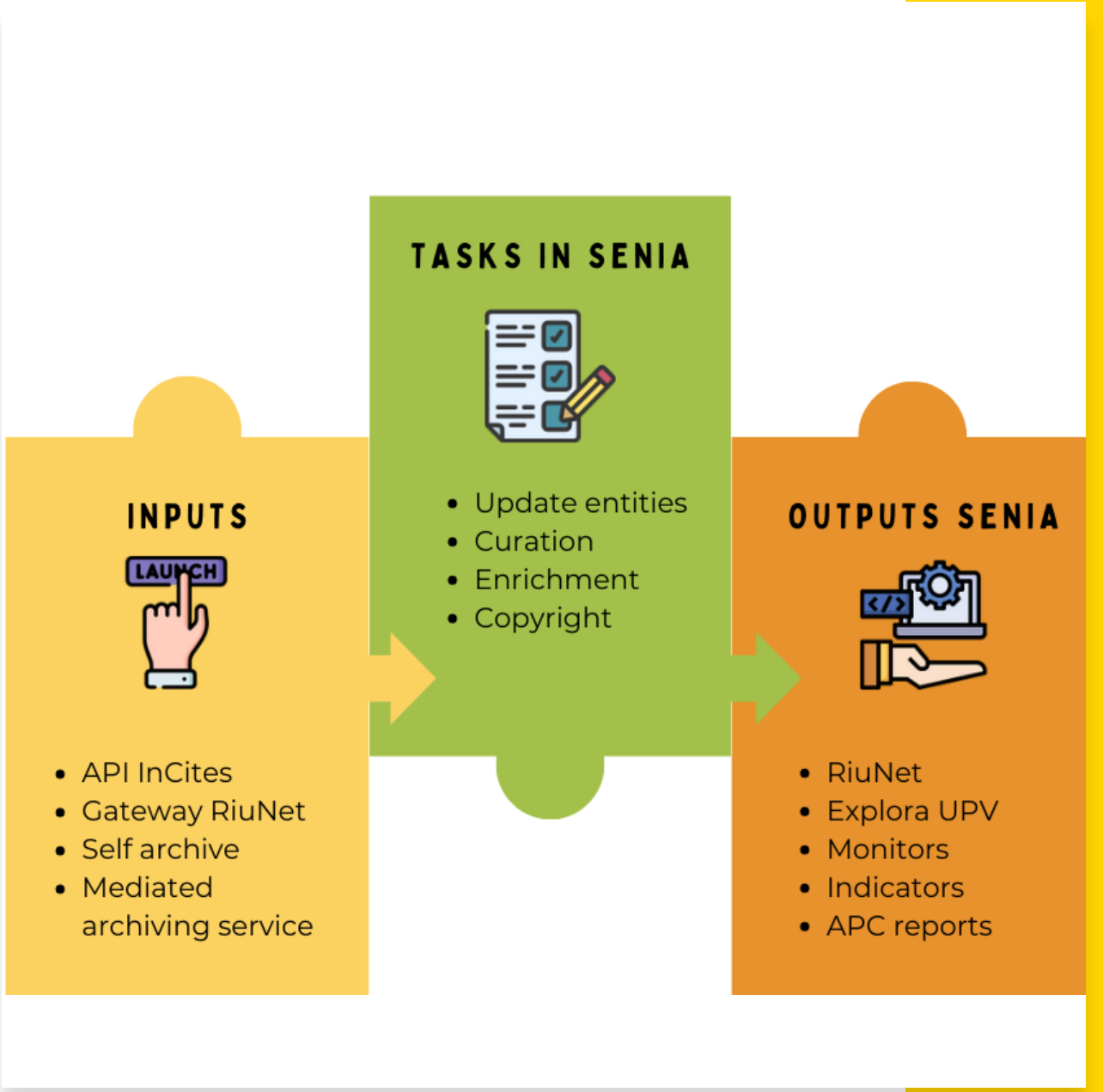
- Activities
- Assessment: IAI/IAD
- Finance
- Projects
- ...

BIBLIOGRAPHIC RESULTS

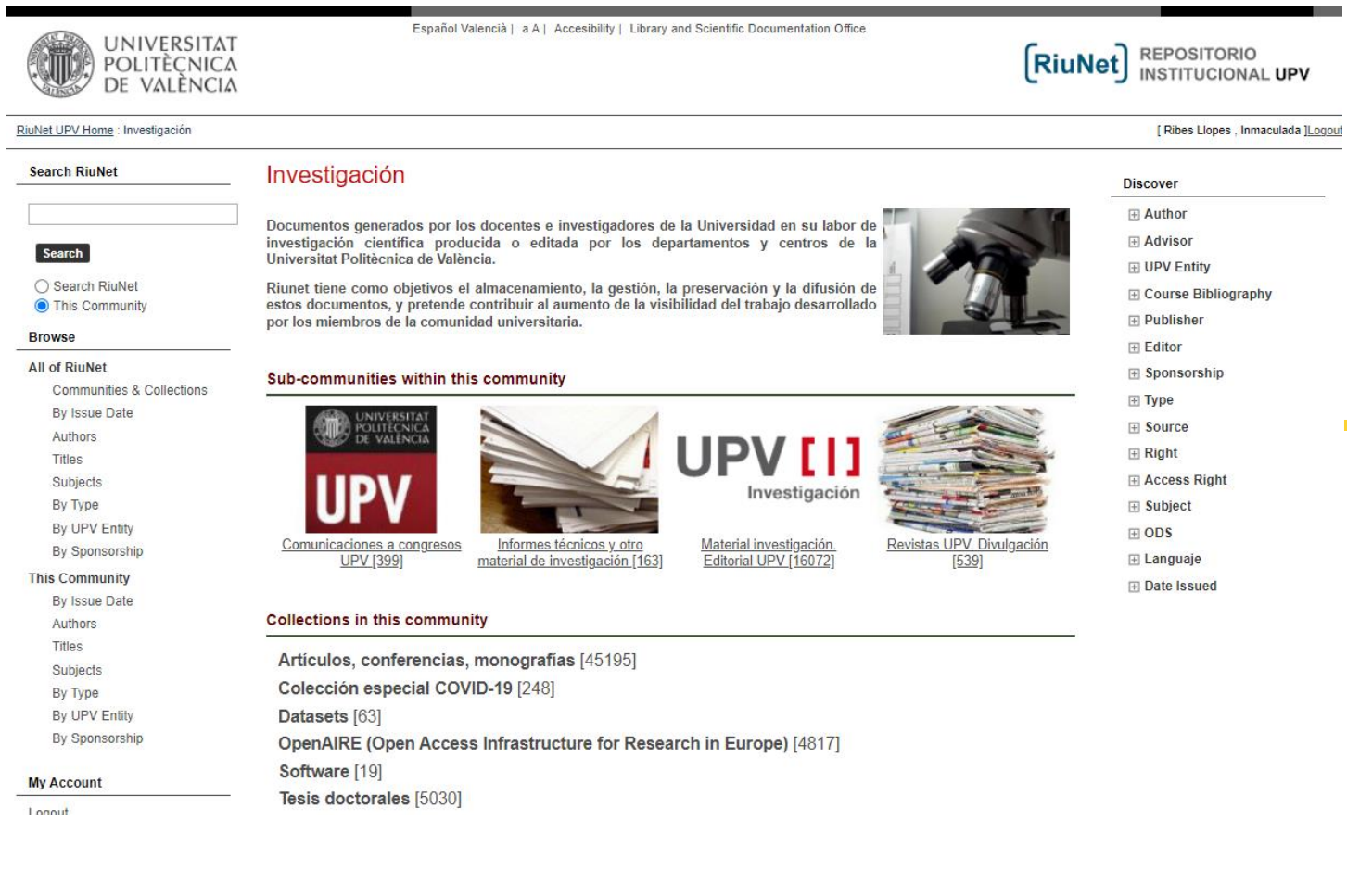
Library production:

- Normalized curriculum vitae
- Monitors, indicators
- Articles, proceedings, datasets metadatas, books, doctoral thesis, patents...

Focusing on, publications, how does Senia work?



Senia - RiuNet

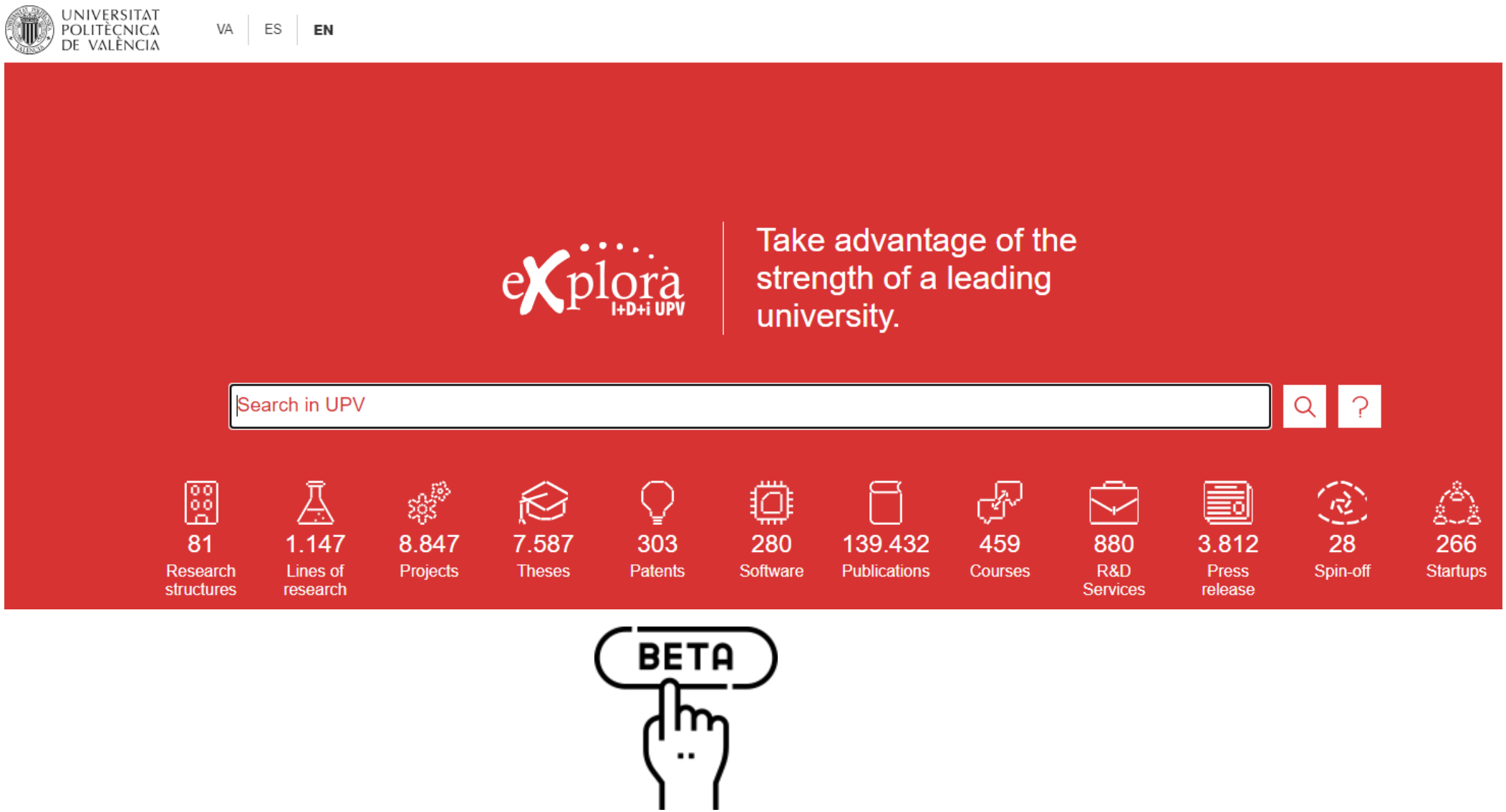


RECOLECTA
RECOLECTOR DE CIENCIA ABIERTA

OpenAIRE | EXPLORE

European Commission CORDIS

Senia - Explora


UNIVERSITAT POLITÈCNICA DE VALÈNCIA
VA
ES
EN
eXplora
I+D+i UPV
Take advantage of the strength of a leading university.
Search in UPV
81
Research structures
1.147
Lines of research
8.847
Projects
7.587
Theses
303
Patents
280
Software
139.432
Publications
459
Courses
880
R&D Services
3.812
Press release
28
Spin-off
266
Startups
BETA

Senia – Monitor tool

BIBLIOTECA
www.biblioteca.upv.es

Senia

Monitor tool

Bibliographic production

UNIVERSITAT POLITÈCNICA DE VALÈNCIA

Senia – APCs

gea Gestión Económica

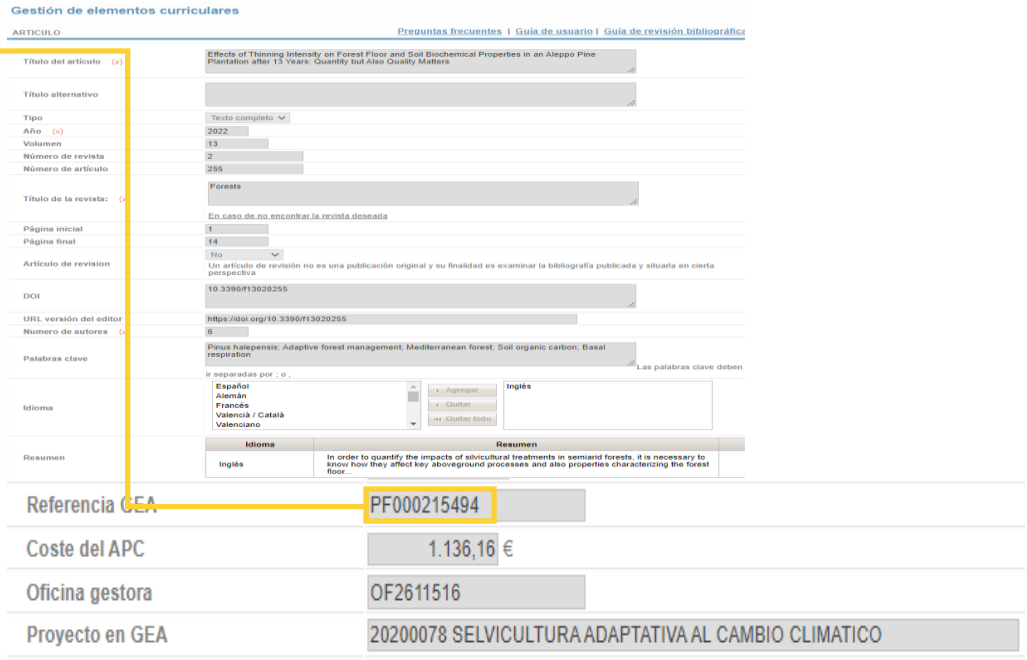
SENIA

UNIVERSITAT POLITÈCNICA DE VALÈNCIA

FECHA 07/02/2022
REFERENCIA PF000215494

EXPEDIENTE CONTRATO MENOR

OFICINA GESTORA	OF2611516 CAMPO GARCIA, ANTONIO DAMASO DEL
	20200078 SELVICULTURA ADAPTATIVA AL CAMBIO CLIMATICO
RESPONSABLE QUE AUTORIZA	CAMPO GARCIA, ANTONIO DAMASO DEL
CLASIFICACIÓN	Publicación - Publicaciones - No inventariable
DESCRIPCIÓN DE LA COMPRA	Publicación artículo "Effects of thinning intensity on forest floor and soil biochemical properties in an Aleppo pine pl



Listado de registros

Id	Título	Año	ISSN	Estado revisión por Biblioteca	Firmas	Handle/URL	Motivo	Referencia GEA	Coste
455919	Effects of Thinning Intensity on Forest Floor and Soil Biochemical Properties in an Aleppo Pine Plantation after 13 Years: Quantity but Also Quality Matters	2022	1999-4907	Aceptado	387072-MOLINA HERRERA, ANTONIO; 3813-Bautista, Inmaculada; 11371-Lull, Cristina; 247526-Campo García, Antonio Dámaso Del; 14004-GONZÁLEZ-SANCHIS, MARÍA DEL CARMEN; 75336-Lidón, Antonio	190906		PF000215494	1136.16

OPEN APC

UNIVERSITÄT BIELEFELD Universitätsbibliothek

OpenAIRE NEXUS

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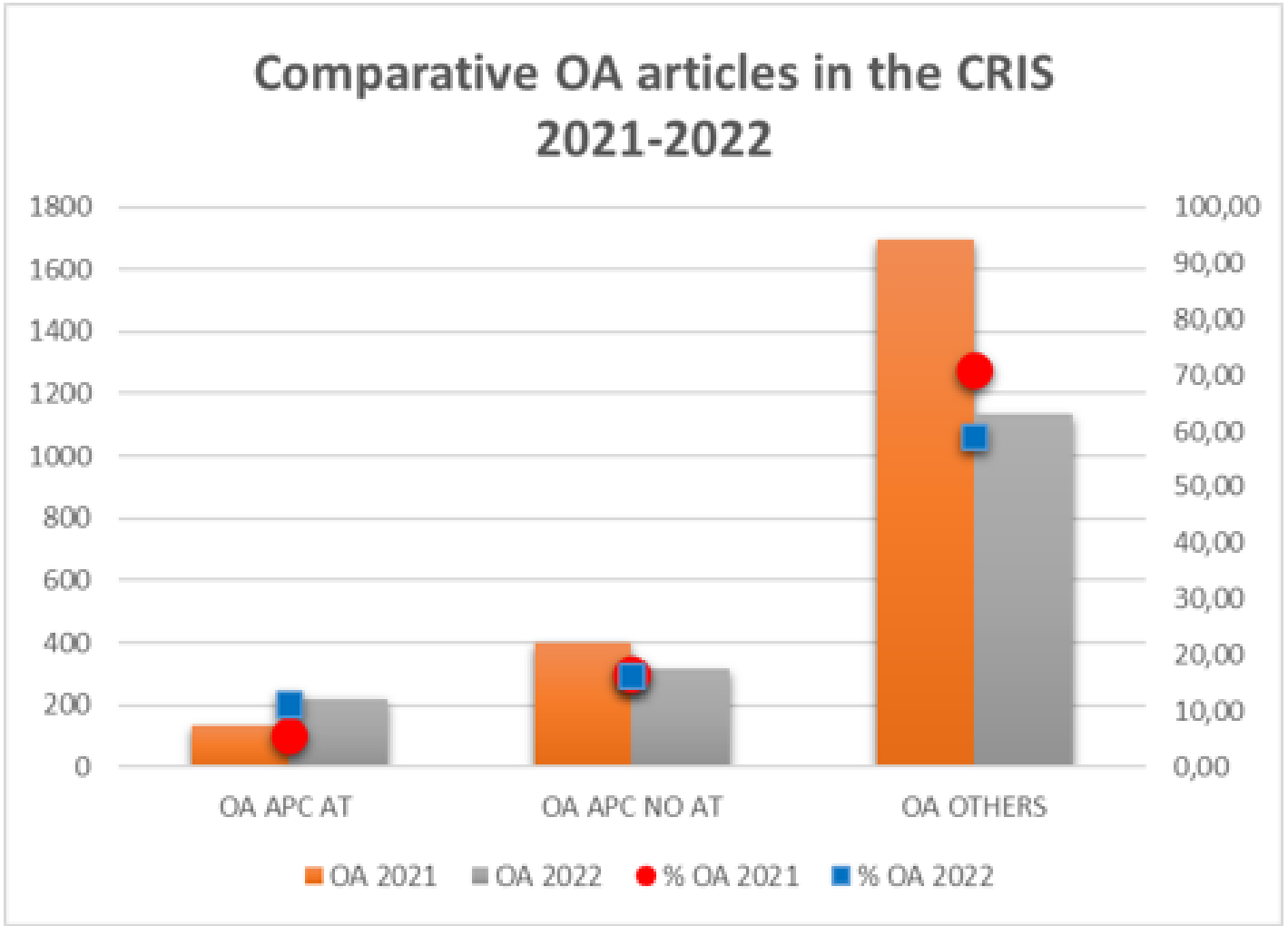
Comparative OA articles in the CRIS 2021-2022
1800
1600
1400
1200
1000
800
600
400
200
0
100,00
90,00
80,00
70,00
60,00
50,00
40,00
30,00
20,00
10,00
0,00
OA APC AT
OA APC NO AT
OA OTHERS
OA 2021
OA 2022
% OA 2021
% OA 2022

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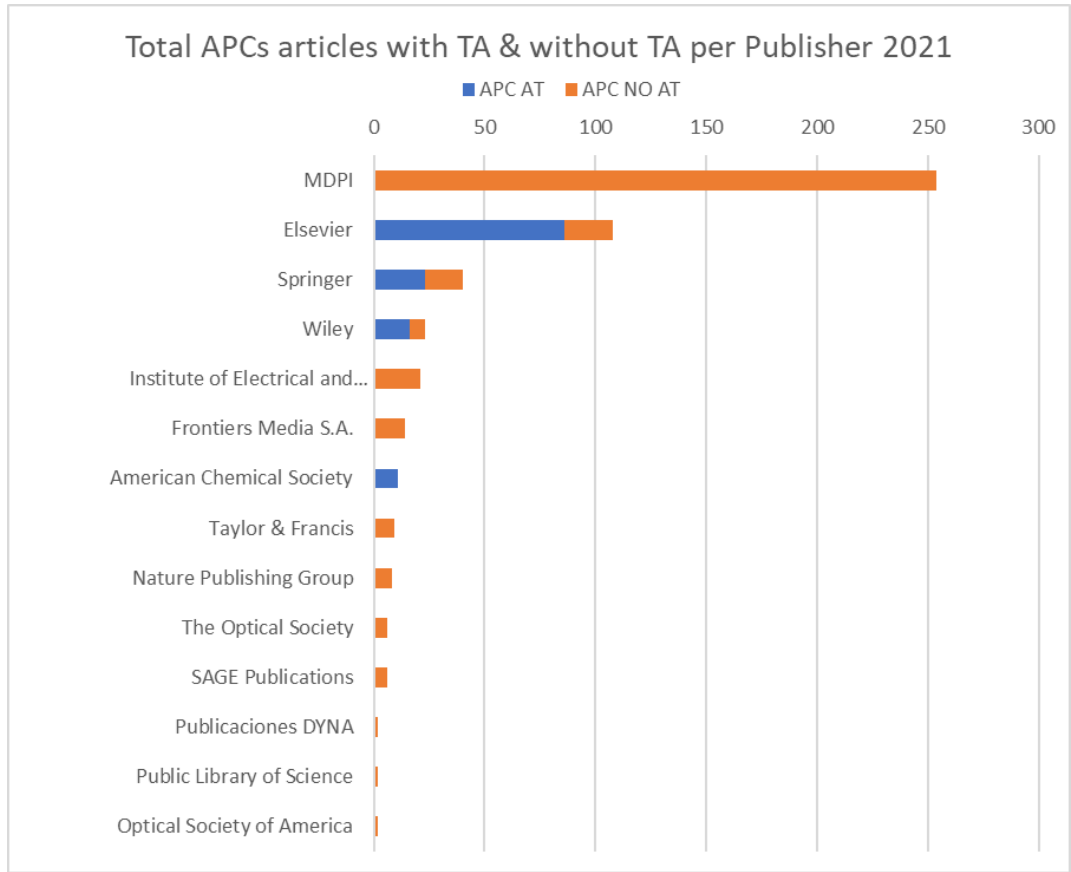
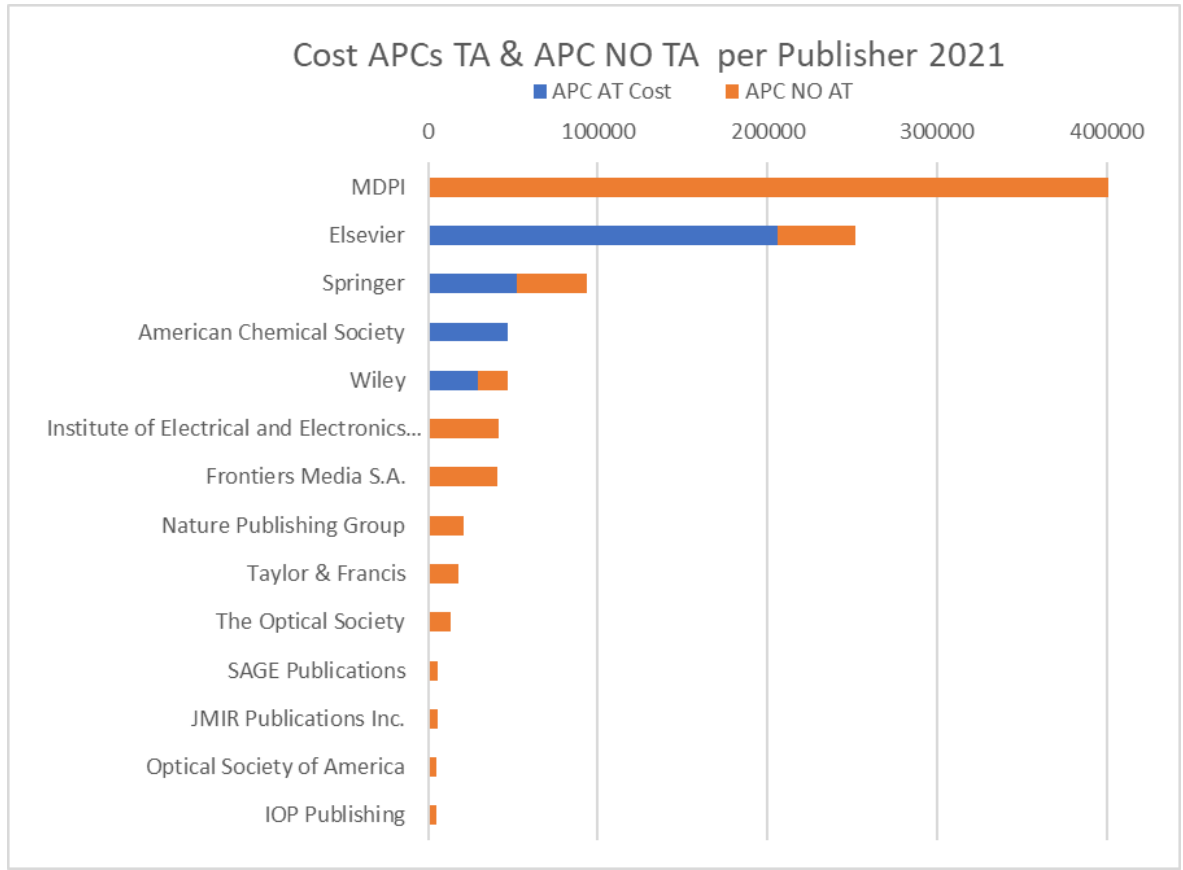
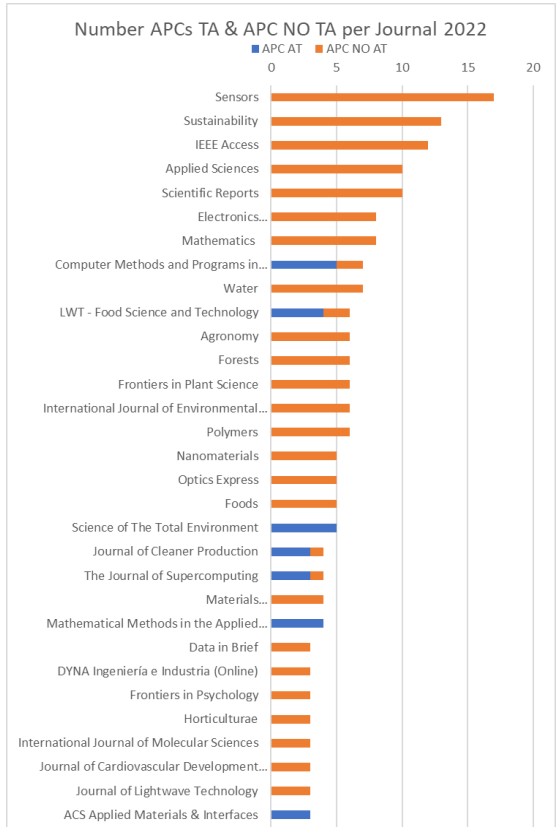
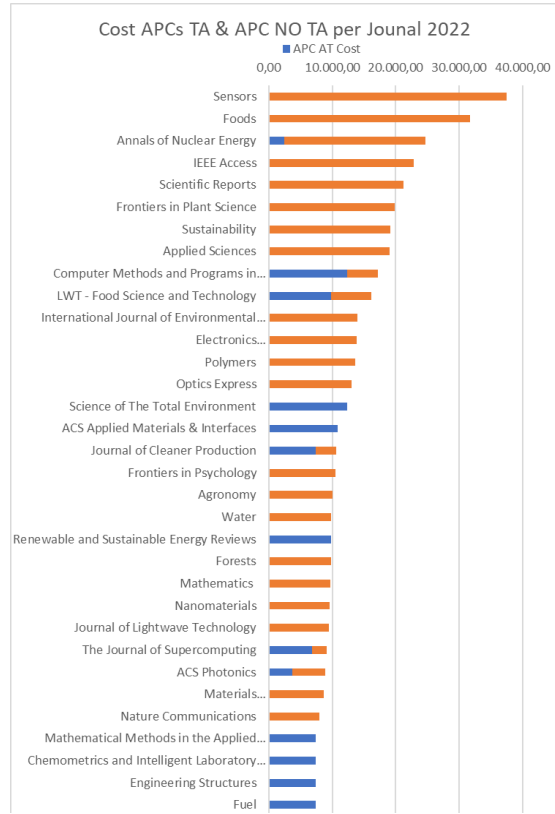
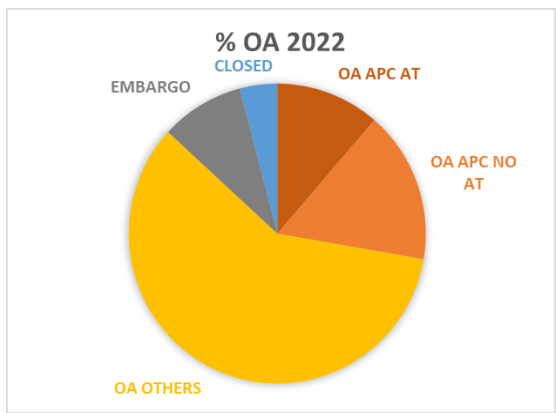
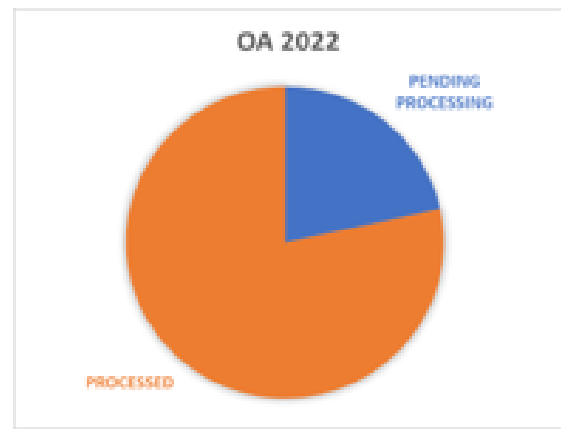

Total APCs articles with TA & without TA per Publisher 2021
APC AT
APC NO AT
0
50
100
150
200
250
300
MDPI
Elsevier
Springer
Wiley
Institute of Electrical and...
Frontiers Media S.A.
American Chemical Society
Taylor & Francis
Nature Publishing Group
The Optical Society
SAGE Publications
Publicaciones DYNA
Public Library of Science
Optical Society of America


Cost APCs TA & APC NO TA per Publisher 2021
APC AT Cost
APC NO AT
0
100000
200000
300000
400000
MDPI
Elsevier
Springer
American Chemical Society
Wiley
Institute of Electrical and Electronics...
Frontiers Media S.A.
Nature Publishing Group
Taylor & Francis
The Optical Society
SAGE Publications
JMIR Publications Inc.
Optical Society of America
IOP Publishing









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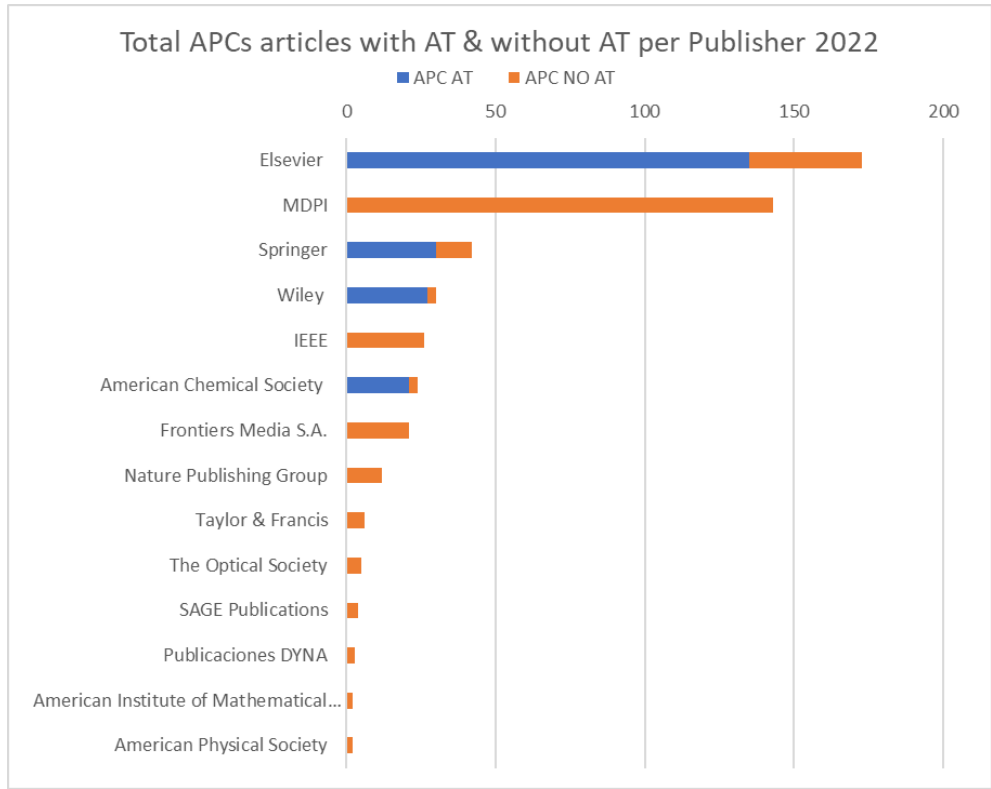
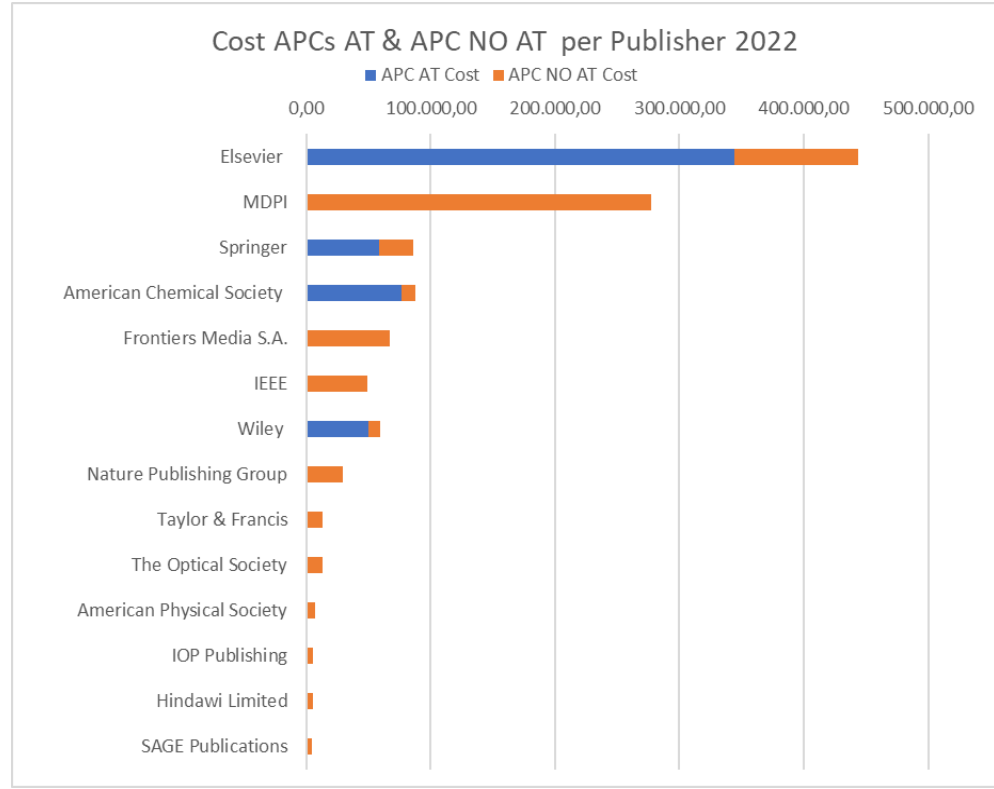

Total APCs articles with AT & without AT per Publisher 2022
APC AT
APC NO AT
0
50
100
150
200
Elsevier
MDPI
Springer
Wiley
IEEE
American Chemical Society
Frontiers Media S.A.
Nature Publishing Group
Taylor & Francis
The Optical Society
SAGE Publications
Publicaciones DYNA
American Institute of Mathematical...
American Physical Society


Cost APCs AT & APC NO AT per Publisher 2022
APC AT Cost
APC NO AT Cost
0,00
100.000,00
200.000,00
300.000,00
400.000,00
500.000,00
Elsevier
MDPI
Springer
American Chemical Society
Frontiers Media S.A.
IEEE
Wiley
Nature Publishing Group
Taylor & Francis
The Optical Society
American Physical Society
IOP Publishing
Hindawi Limited
SAGE Publications

NEXT STEPS

NOT ONLY BIBLIOGRAPHIC PRODUCTION

MEDIATED ARCHIVING

RESEARCH PORTAL

NOT ONLY ARTICLES

INTEROPERABILITY

OTHER METRICS

SUSTAINABILITY

Balance after 14 years

Contribution of the Library

Learning lessons for the Library

WISHLIST

IN THE NATIONAL KEY

1. Coordination

Please!

Among all players...

2. National CRIS

Have a national CRIS that collects Senia records..

3. National Portal

Have a national portal for scientific production...

THANK YOU!

bibliotecasenia@bib.upv.es

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