

THE APPEARANCE OF CUSTOMS IN ACADEMIC PUBLICATIONS

by Zágón Csaba, PhD

Head of Department for Academic and International Affairs

Ludovika University of Public Service

Budapest, Hungary

Customs Workshop 27 January 2025

METHODOLOGY: A SCIENTOMETRIC ANALYSIS

- Used for academic publications only
- Assessing the added value (impact) of published papers to the development of science by tracking citations
- International scientific databases
- Metadata analysis of scientific publications
- Determination of the structure and dynamics of a population of scientific publications on a particular topic using statistical methods
- Keyword mining
- Based on Set Theory

ELSEVIER: SCOPUS DATABASE



ELSEVIER

Scopus®



SciVal

International indexed citation database

As of January 2025: 97,3 M peer-reviewed scientific publications, 28300 journals, 825 volumes of study books, 368 000 books

Composition: 35% social sciences, 27% natural sciences, 23% health sciences, 15% life sciences

In 2025, subscription is available to university citizens in the Ludovika University' Central Library free of charge

As part of the subscription package an analytical tool (SciVal) available – a robust tool for scientometric analysis of the database



ELSEVIER: SCOPUS DATABASE

Scopus

Welcome to a more intuitive and efficient search experience. [See what is new](#)

Advanced query ☐

(TITLE-ABS-KEY ("customs" AND "clearance" OR "border control" OR "trade regulation" OR "import" OR "export") OR ALL ("customs" AND ("service" OR "agency" OR "authority" OR "administration")) AND ALL ("customs" AND ("compliance" OR "enforcement" OR "inspection" OR "tariff")) AND ALL ("customs" AND ("logistics" OR "supply chain" OR "transportation" OR

[Show less](#)

[Save search](#) [Set search alert](#) [Edit in advanced search](#)

[Documents](#) [Preprints](#) [Patents](#) [Secondary documents](#) [Research data](#)

3,709 documents found [Analyze results](#)

Refine search

Search within results

Filters [Clear all](#)

Year [Clear](#)

☒ Range ☐ Individual

1979 - 2024

Képernyőfotó

☐ [All](#) [Export](#) [Download](#) [Citation overview](#) [More](#) [Show all abstracts](#) Sort by [Relevance](#) [Grid](#) [List](#)

	Document title	Authors	Source	Year	Citations
<input type="checkbox"/> 1	Article Construction of efficient and integrated intelligent supervision system for import and export logistics regarding raw silk 高效一体化生丝进出口物流智能监管系统的构建	Pan, L., Chen, Z., Dong, S., ... Chen, Q., Ning, F.	Advanced Textile Technology , 30(3), pp. 129–135	2022	0
	Show abstract View at Publisher Related documents				
<input type="checkbox"/> 2	Article Trade Facilitation Agreement's Impact on the Business Sector After Five Years of Its Validity: Evidence from Czech Companies	Hinčica, V., Řezanková, H., Keder, K.	Journal of World Trade , 57(4), pp. 689–708	2023	0
	Show abstract View at Publisher Related documents				

The database contains:

Publications mainly in English

Publications written in any other languages include titles, abstracts and keywords in English

SCIENTIFIC PUBLICATIONS FOUND

Selection date: 26.01.2025.

Records found: 3709 scientific publications
reduced further as per their relevance to be
analysed ...

Population: n=3453

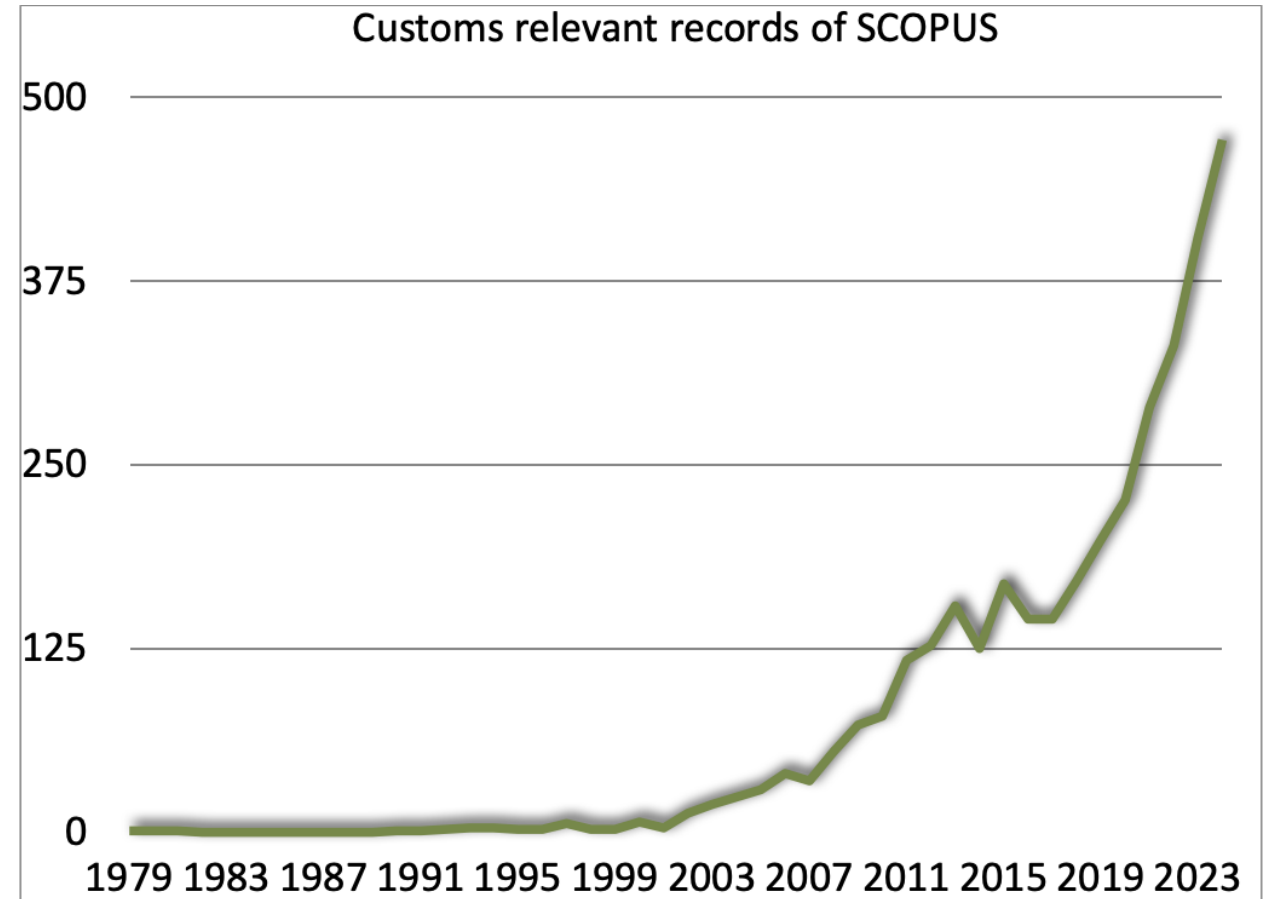
First record: 1979, last entire year of 2024

Trend: Increase

Author's affiliations

European share (at least one author): 1449

EU Member States share: 800



SEARCH TERMS AND WORD CLOUD

Boolean select phrase: (TITLE-ABS-KEY ("customs" AND "clearance" OR "border control" OR "trade regulation" OR "import" OR "export") OR ALL ("customs" AND ("service" OR "agency" OR "authority" OR "administration")) AND ALL ("logistics" OR "global")))

International Trade
Supply Chain Management
Foreign Economic Policy
World Trade Organization
Taxation
Trade Promotion
Global Value Chains
Sustainable Development
Police Risk Management
Supply Chain Security
Food Safety
Tax Revenue
Human Rights
National Security
Trade Dispute
Foreign Trade
Trade Policy
Internet of Things
China
Industry
Free Trade
Supply Chain
Corruption
Trade Barrier
Trade Flow
Blockchain
Legislation
Developing Countries
Commerce
Transport
Global Supply Chain
Decision Making
Global Trade
Tax Avoidance
International Law
e-Commerce
Non-Tariff Barriers
Cybersecurity
Artificial Intelligence
Value Creation
Belt and Road Initiative
Cross-Border e-Commerce



SciVal

Slice of the last entire
25 years (n=3443)

Challenges of the word:

“Customs”

“Customs specificity”

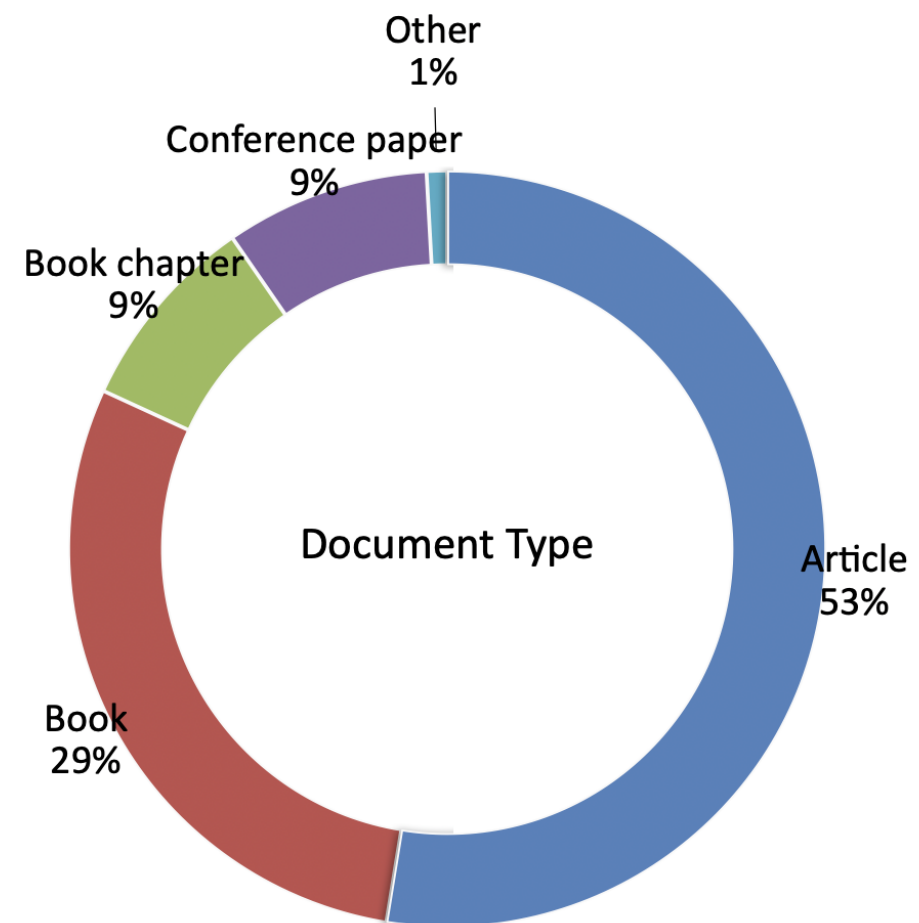
Reproducibility

Font size

Meaning of colours

A robust feature to identify
strong links

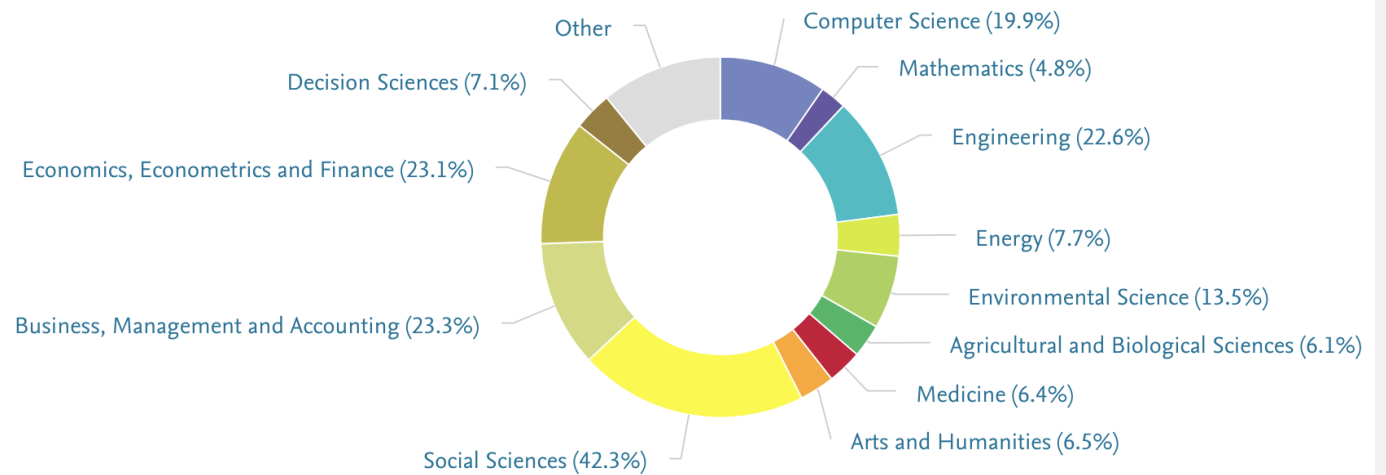
FORMS OF PUBLICATIONS – ENTIRE SET (1979-2024)







SCIENTIFIC FIELDS

Slice of the last entire 25 years
(n=3443)

The total number of scientific
fields concerned: 964



<input type="checkbox"/> Countries/Regions		Scholarly Output 	Views Count 	Field-Weighted Citation Impact (excl. self-citations) 	Citation Count (excl. self-citations) 
1.	<input type="checkbox"/> United States	389	13,670	1.60	5,390
2.	<input type="checkbox"/> China	257	9,735	1.37	3,480
3.	<input type="checkbox"/> United Kingdom	220	11,311	1.99	2,990
4.	<input type="checkbox"/> Australia	100	6,058	2.19	1,414
5.	<input type="checkbox"/> India	86	5,051	1.48	1,382
6.	<input type="checkbox"/> Germany	85	5,448	2.25	1,438
7.	<input type="checkbox"/> Russian Federation	73	3,503	1.77	477
8.	<input type="checkbox"/> Italy	70	4,443	1.69	1,022
9.	<input type="checkbox"/> Canada	68	2,549	2.24	692
10.	<input type="checkbox"/> Malaysia	59	5,148	3.17	801
11.	<input type="checkbox"/> Netherlands	57	3,156	2.66	906
12.	<input type="checkbox"/> Ukraine	57	2,803	0.92	181

COUNTRIES OF AFFILIATIONS

Top dozen

<input type="checkbox"/> Institution		Scholarly Output ↓	Views Count ▼	Field-Weighted Citation Impact (excl. self-citations) ▼	Citation Count (excl. self-citations) ▼
1.	<input type="checkbox"/> NLD Delft University of Technology	17	1,342	2.76	284
2.	<input type="checkbox"/> USA Michigan State University	12	516	1.87	207
3.	<input type="checkbox"/> MYS Universiti Sains Islam Malaysia	12	2,470	4.88	119
4.	<input type="checkbox"/> RUS Plekhanov Russian University of Economics	11	780	0.85	72
5.	<input type="checkbox"/> AUS Queensland University of Technology	11	1,534	2.38	354
6.	<input type="checkbox"/> FRA CNRS	10	592	1.70	175
7.	<input type="checkbox"/> HKG Hong Kong Polytechnic University	10	992	4.19	404
8.	<input type="checkbox"/> SGP National University of Singapore	10	444	1.30	115
9.	<input type="checkbox"/> AUS Royal Melbourne Institute of Technology University	10	741	1.53	188
10.	<input type="checkbox"/> GBR University of Oxford	10	587	3.43	194
11.	<input type="checkbox"/> JOR Al Ahliyya Amman University	9	370	6.61	121
12.	<input type="checkbox"/> RUS Financial Academy of the Russian Federation Government	9	689	0.64	49

INSTITUTIONS

Top dozen

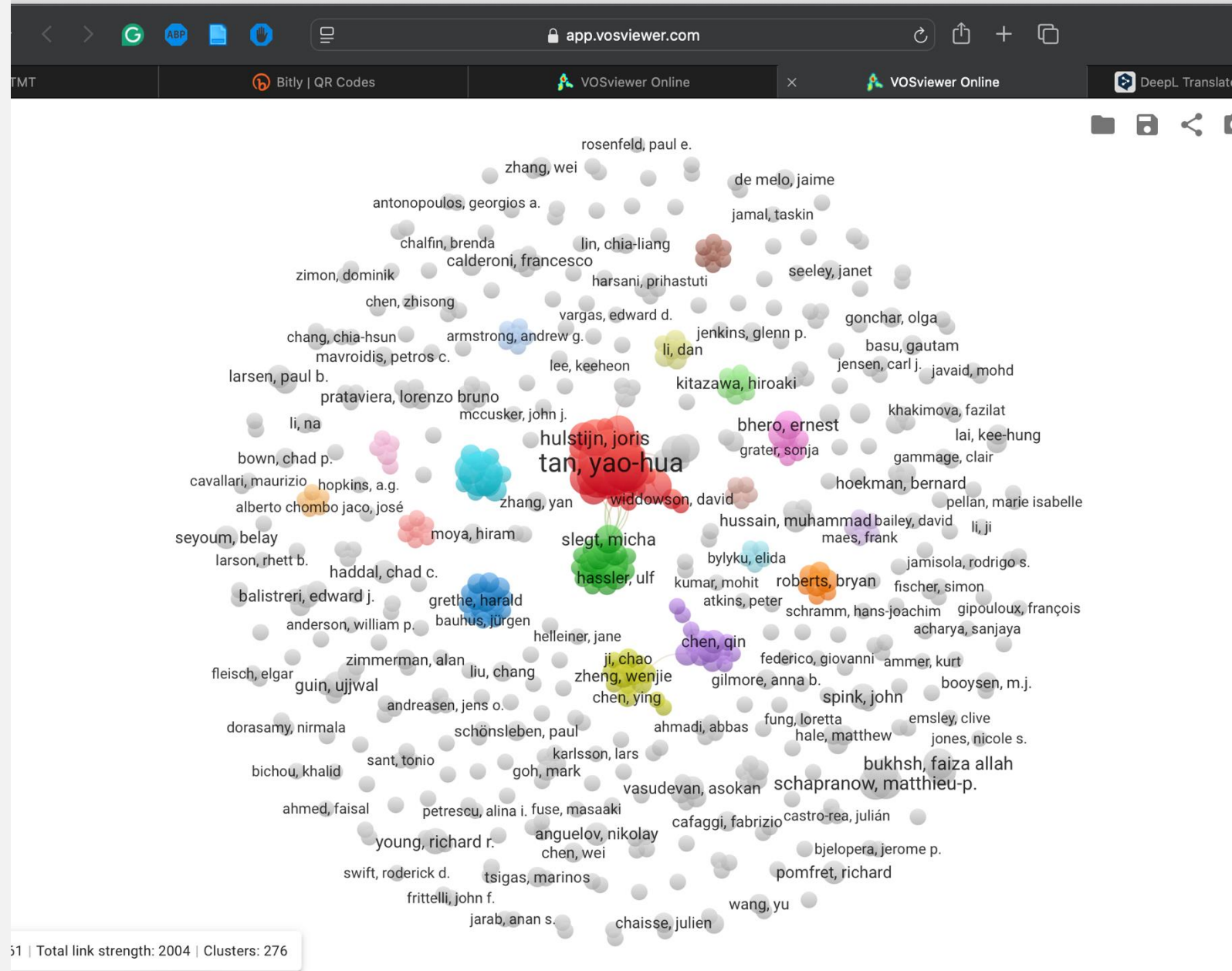
	<input type="checkbox"/> Author	Affiliation	Scholarly Output ↓	Views Count ▼	Field-Weighted Citation Impact (excl. self- citations) ▼	Citation Count (excl. self- citations) ▼
1.	<input type="checkbox"/> Al-Zaqeba, Murad Ali Ahmad	MYS Universiti Sains Islam Malaysia	14	2,864	4.70	182
2.	<input type="checkbox"/> Rukanova, Boriana D.	NLD Delft University of Technology	12	761	3.11	138
3.	<input type="checkbox"/> Tan, Yaohua	NLD Delft University of Technology	11	693	3.07	120
4.	<input type="checkbox"/> Jarah, Baker Akram Falah	JOR Amman Arab University	7	820	4.12	121
5.	<input type="checkbox"/> Ubacht, Jolien	NLD Delft University of Technology	6	491	4.01	56
6.	<input type="checkbox"/> Shubailat, Omar M.	JOR German Jordanian University	5	1,853	5.33	38
7.	<input type="checkbox"/> Chen, Qin	CHN Shanghai University	4	154	3.41	110
8.	<input type="checkbox"/> Heijmann, Frank	Dutch Customs	4	185	0.93	32
9.	<input type="checkbox"/> Hussain, Muhammad	GBR University of Huddersfield	4	60	2.65	14
10.	<input type="checkbox"/> Madi, Aziz	JOR German Jordanian University	4	1,811	6.19	27

AUTHORS

Top 10

CO-AUTHORSHIP NETWORKS

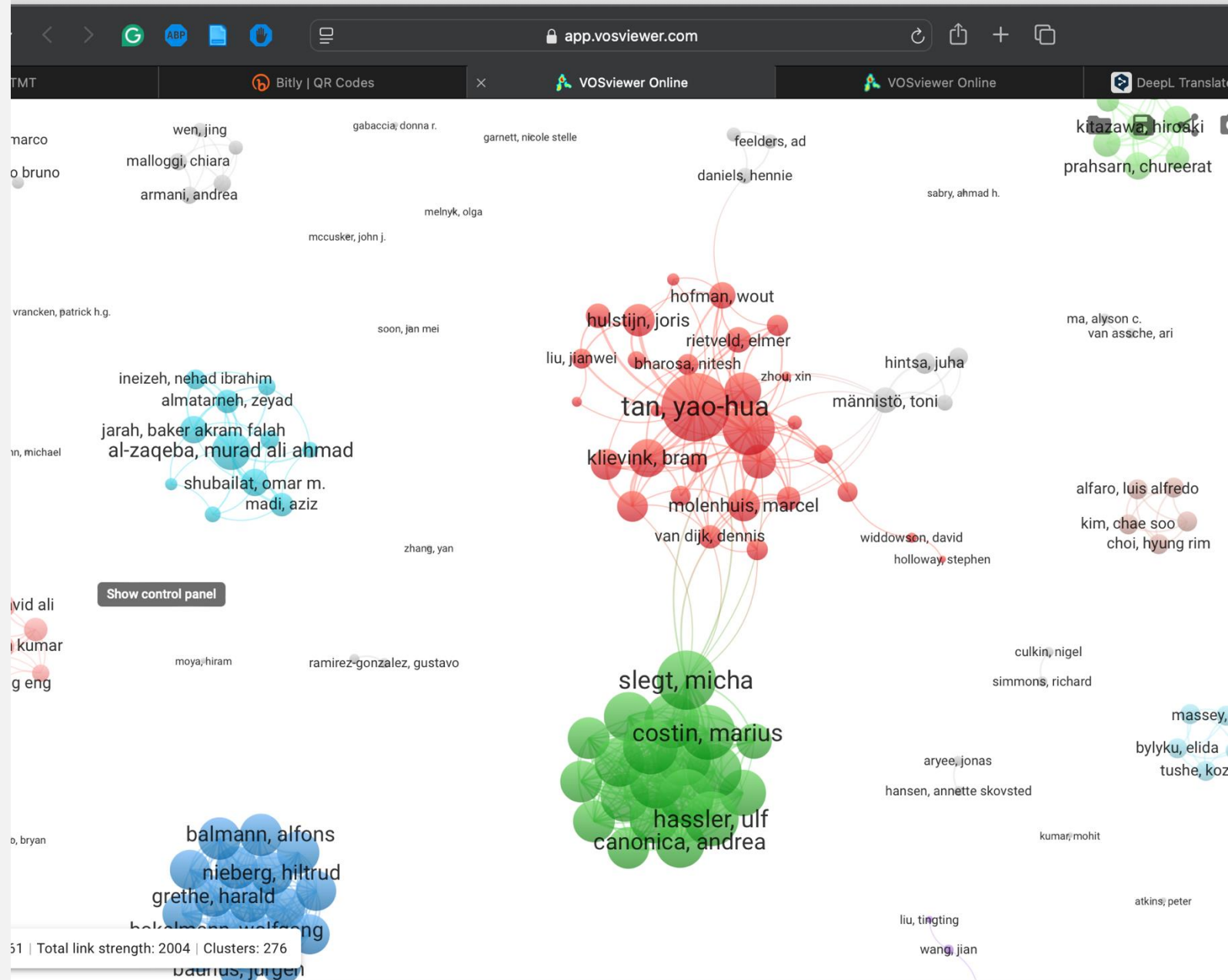
- Indicated 578 authors (who produced at least 2 published papers)
- 961 links between the authors (co-authorship)
- 276 clusters – the first 18 clusters are coloured
- The more documents an author has produced, the bigger size of node it indicates.



CO-AUTHORSHIP NETWORKS

- Members of a cluster have stronger ties among them than links to other nodes out of their own cluster
- The more links an author has the bigger node it indicates in this picture (the links strength also counts – according to other node's rank in the degree distribution they are connected with)
- A cluster represents the knowledge of a set of their researches may be identified from the database or by having insight
- The biggest cluster counts 30 members (indicated by red)
- They linked other 3 clusters' knowledge through co-authorships to their cluster
- The more interlinks a cluster created with other clusters the stronger research performance they have formed.

<https://bit.ly/Customs3453net>



WHERE
DID
THEY
APPEAR?

GLOBAL TRADE AND CUSTOMS JOURNAL

GENERAL EDITOR: JEFFREY L. SNYDER

Articles
79 In WTO rules-related past and future evolution of Customs regimes in EU and developing jurisdictions
85 Trade Agreements with the WTO Agreement on Trade and Customs
107 The Global Trade System: Mechanisms of the WTO in Developing Countries: the Case of Paraguay
114 The Political Economy of Customs Trade in Developing Countries

Wolters Kluwer

incu
INTERNATIONAL NETWORK OF CUSTOMS UNIVERSITIES

☐ Scopus Source

1. ☐ Sustainability (Switzerland)
2. ☒ Global Trade and Customs Journal
3. ☐ IEEE Access
4. ☒ World Customs Journal
5. ☐ Sensors
6. ☐ World Economy
7. ☐ Applied Sciences (Switzerland)
8. ☐ Energies
9. ☐ Transportation Research Procedia
10. ☐ Uncertain Supply Chain Management

Scholarly Output ↓	Views Count ✓	Field-Weighted Citation Impact (excl. self- citations) ✓	Citation Count (excl. self- citations) ✓
45	3,474	1.18	573
26	652	0.15	15
23	852	1.88	375
23	644	0.39	57
18	1,453	2.27	698
9	374	1.05	70
8	497	2.08	196
8	397	0.97	92
8	192	4.29	100
8	2,156	3.39	129



ZOTERO.ORG

- Online database space for storing academic publications
- Minimum contents: bibliographic data and DOI and other links to full contents where appropriate (Open Access)
- Full content may also be attached (e.g. in PDF)
- TITLE, ABSTRACT and KEYWORDS may be available in the English
- Publicly accessible
- Customs relevant content could be created and kept refreshed with ease

https://www.zotero.org/groups/5769175/customs_academic_publications/library

<https://bit.ly/CustomsAP>

