

Open Access Megajournals

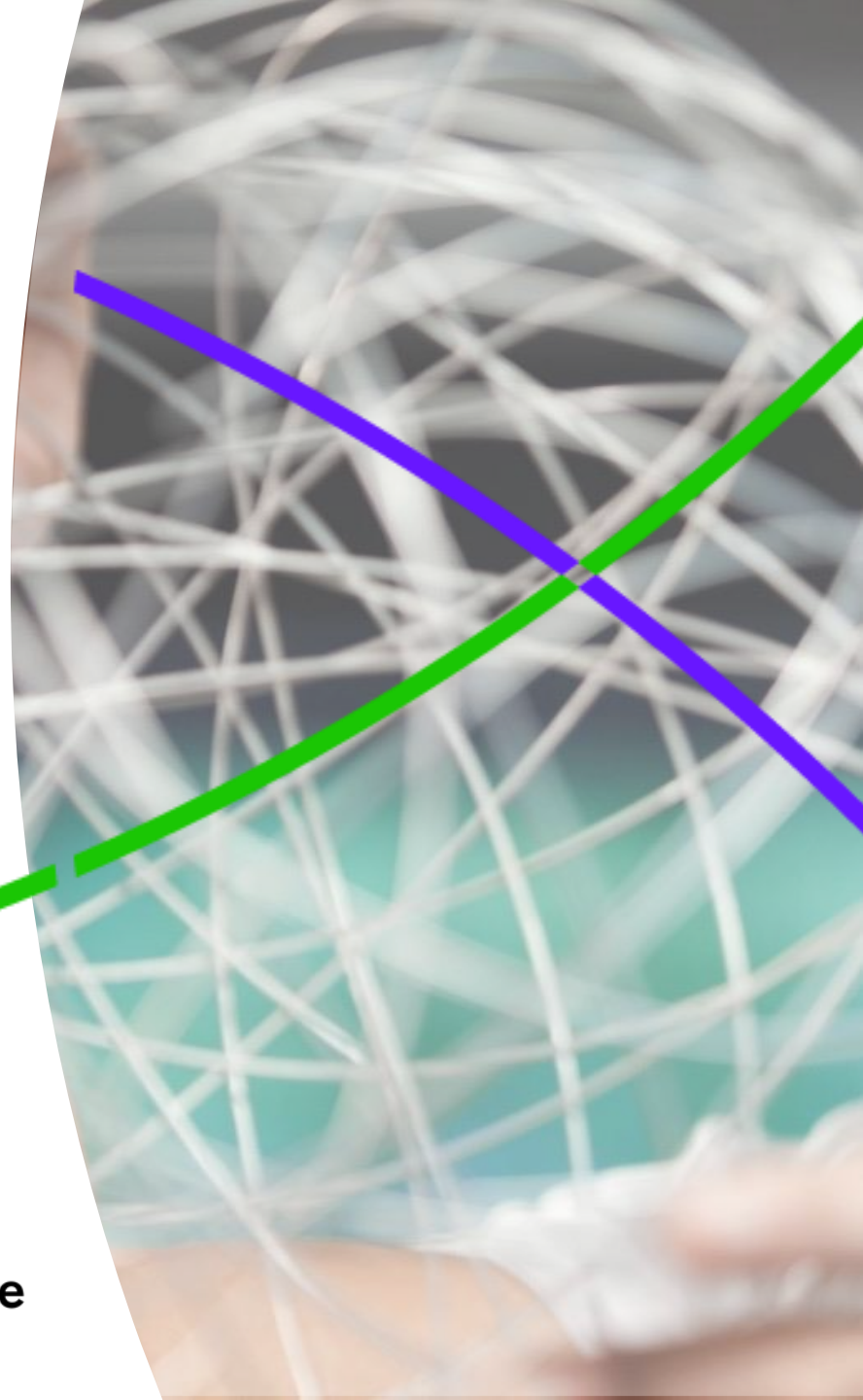
Jeff Clovis

Head of Solutions Specialists/Customer
Education

Jeff.clovis@clarivate.com

Web of Science
Trust the difference

 **Clarivate
Analytics**



Clarivate Analytics operates at the center of the innovation lifecycle. We have committed ourselves to a bold entrepreneurial mission to **accelerate the pace of innovation.**



Discover



Protect



Commercialize

Clarivate Analytics – A Snapshot



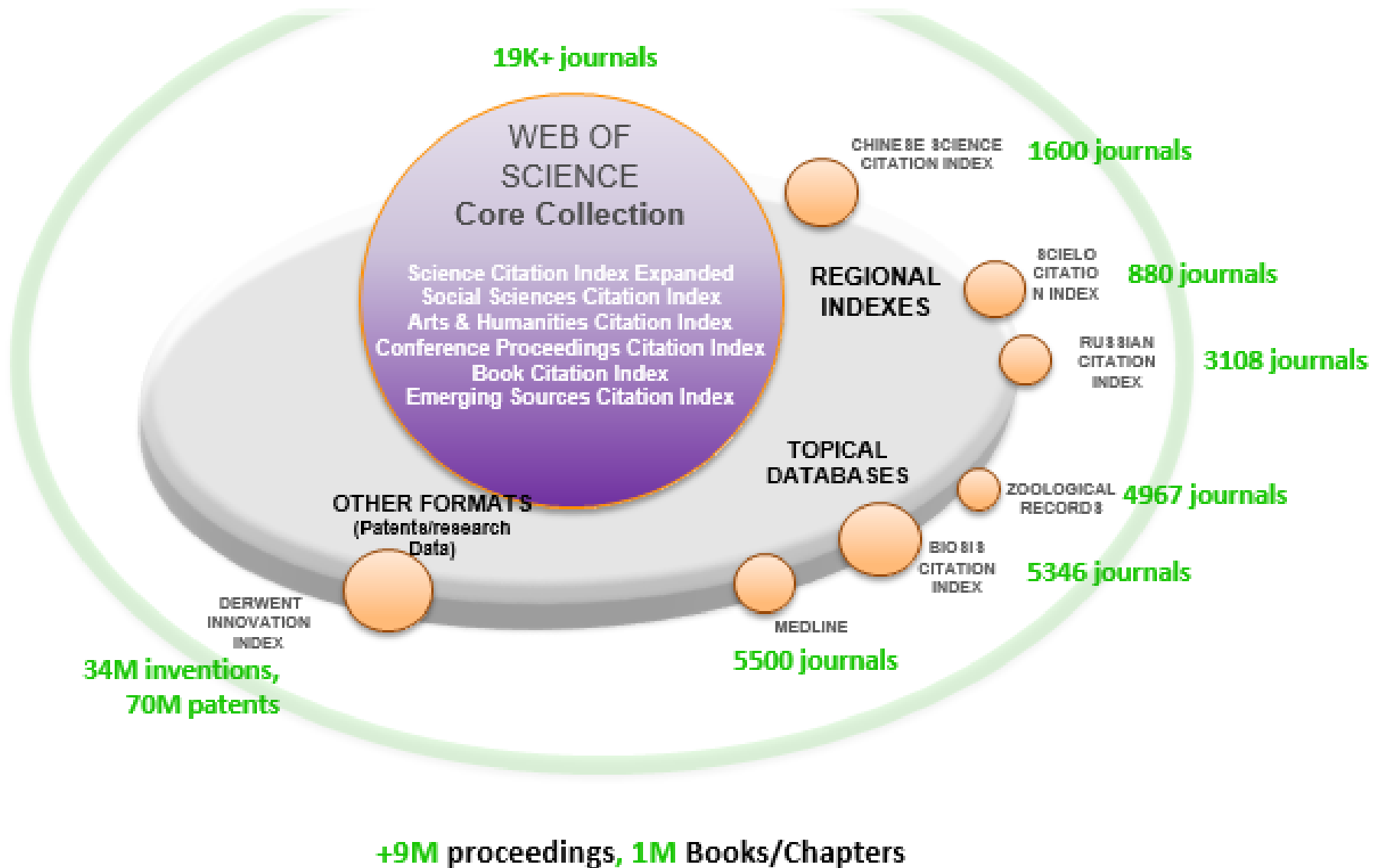
We have a **60-year legacy** of curating the most authoritative knowledgebase, including the Web of Science, a custodian of **100 years' worth of research**.

Over 9,000 leading academic, government institutions and corporations use Web of Science data for **search, discovery and evaluation**.

The IP & Science division of Thomson Reuters was **sold as a standalone business** to Onex Partners in October 2016, to form a **more agile new company**, Clarivate Analytics.

We are now an independent company in our own right, with over 4,000 employees around the world. Our values are **Customer Focus, Performance and Trust**.

The Web of Science Platform



Clarivate Analytics expands the window with the Emerging Sources Citation Index



In 2015, we expanded the Web of Science Core Collection with the addition of the Emerging Sources Citation Index (ESCI), a globally focused collection of important research that has the potential for high impact

Today, ESCI contains **5200 journals**.

By the end of 2017, ESCI will contain **7500 journals**

In 2017, Clarivate Analytics is increasing our Web of Science Core Collection investment with the addition of a **10-year archive for 5000 journals in the Emerging Sources Citation Index**

Same indexing policies, same Metadata
40% in Social Sciences
34% of the journals in ESCI are Open Access

Megajournals

- A mega journal (also mega-journal and **megajournal**) is a peer-reviewed academic open access journal designed to be much larger than a traditional journal by exerting low selectivity among accepted articles.
 - Editorial criteria that judge articles only on scientific soundness, not perceived importance or impact (Objective Peer Review)
 - A very broad subject scope (for example, all genetics fields, all social sciences, or even all science and medical fields)
 - An open access model, the majority involving article processing charges (APC)
 - A large editorial board of academic editors (as opposed to a staff of professional editors)
 - An elastic capacity to publish any and all articles that are appropriate

Defining

- Broad Subject Scope
- Articles from multiple disciplines
- Articles are not narrowly defined by a very specific subject
- Not defined by their novelty or importance, rather on their scientific soundness
- Rapid Publication
- Article Processing Charges

Volume

- Fastest Growing Segment of the Gold OA Market
- Constitute approximately 2% of the total output
- Large Number of editors, editorial board members and peer reviewers covering a wide range of disciplines
- Large scale activity requires large scale workflow and automation
- While megajournals usually are defined with quick through-put, as they grow the timeline for publishing is growing

Disciplinary Scope

- Broad Disciplinary Scope is the hallmark of Megajournals
- Defines OAMJ as different from traditional journals with a narrow scope and specialization
- Megajournals cover a wide range of disciplines
 - Biomedical disciplines defined OAMJ
 - Physical Sciences
 - Social Sciences & Humanities
- Shift from the Journal to the Article as the Focus
- Emphasis on article level metrics and post publication validation
- Problems of Discoverability are prominent

Peer Review and Acceptance of Manuscripts

- Objective Peer Review Based on Soundness of Subject
- Some see this as a lack of quality standards
- Avoids subjectivity of traditional peer review
- Better assessment post-publication or validation of soundness

Some Data



Coverage

AIP Advances

Biology Open

BMJ Open

CMAJ Open

Cureua

Ecosphere

EPJ Plus

F1000 Research

FEBS Open Bio

G3-Genes Genomics Genetics

mBio

Optics Express

PeerJ

PLoS One

QScience Connect

Sage Open

Sage Open Medicine

Scientific Reports

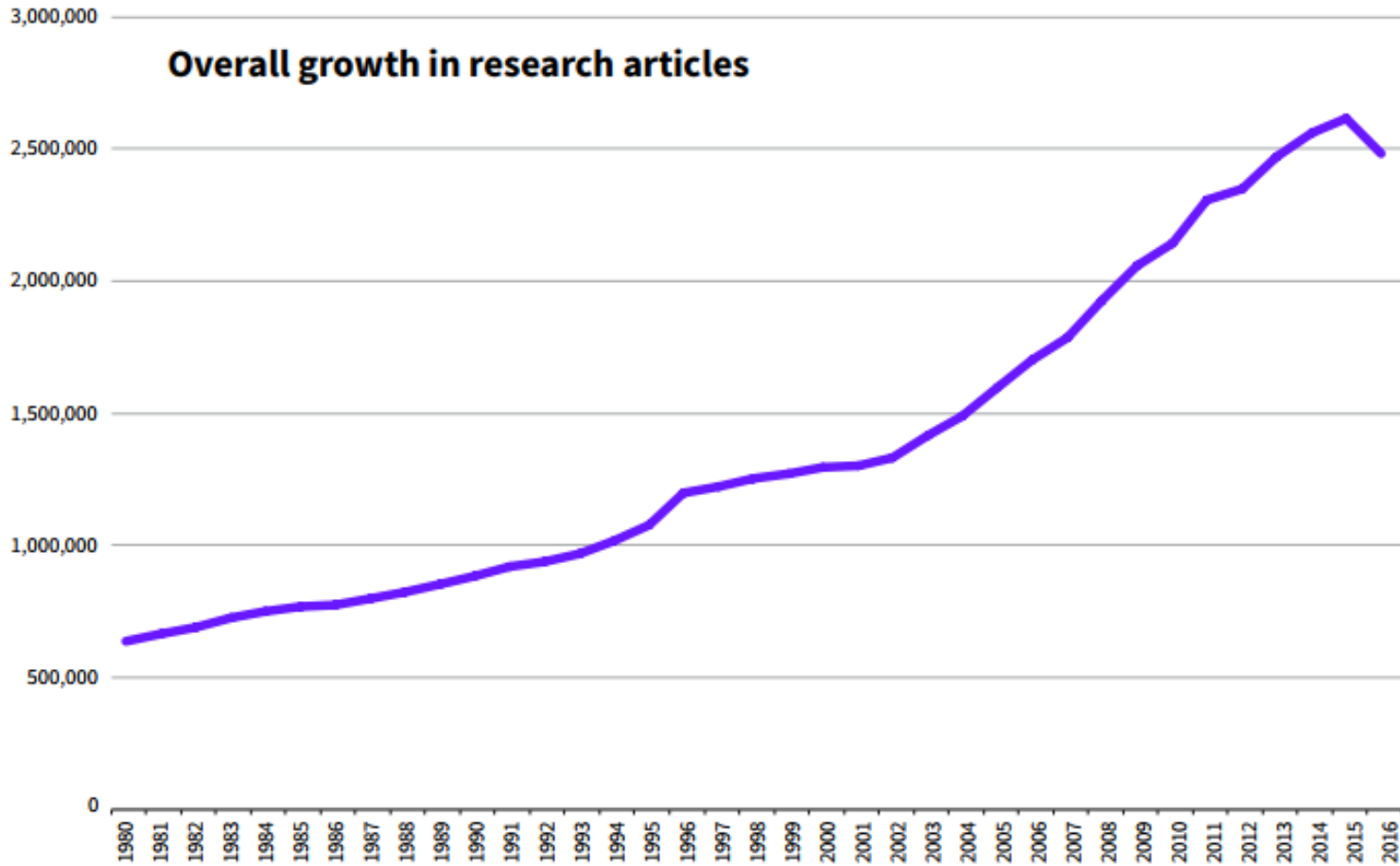
Springer Plus

Scientific World Journal

All of these titles have been evaluated and are either selected or under evaluation

Growth in Research Articles

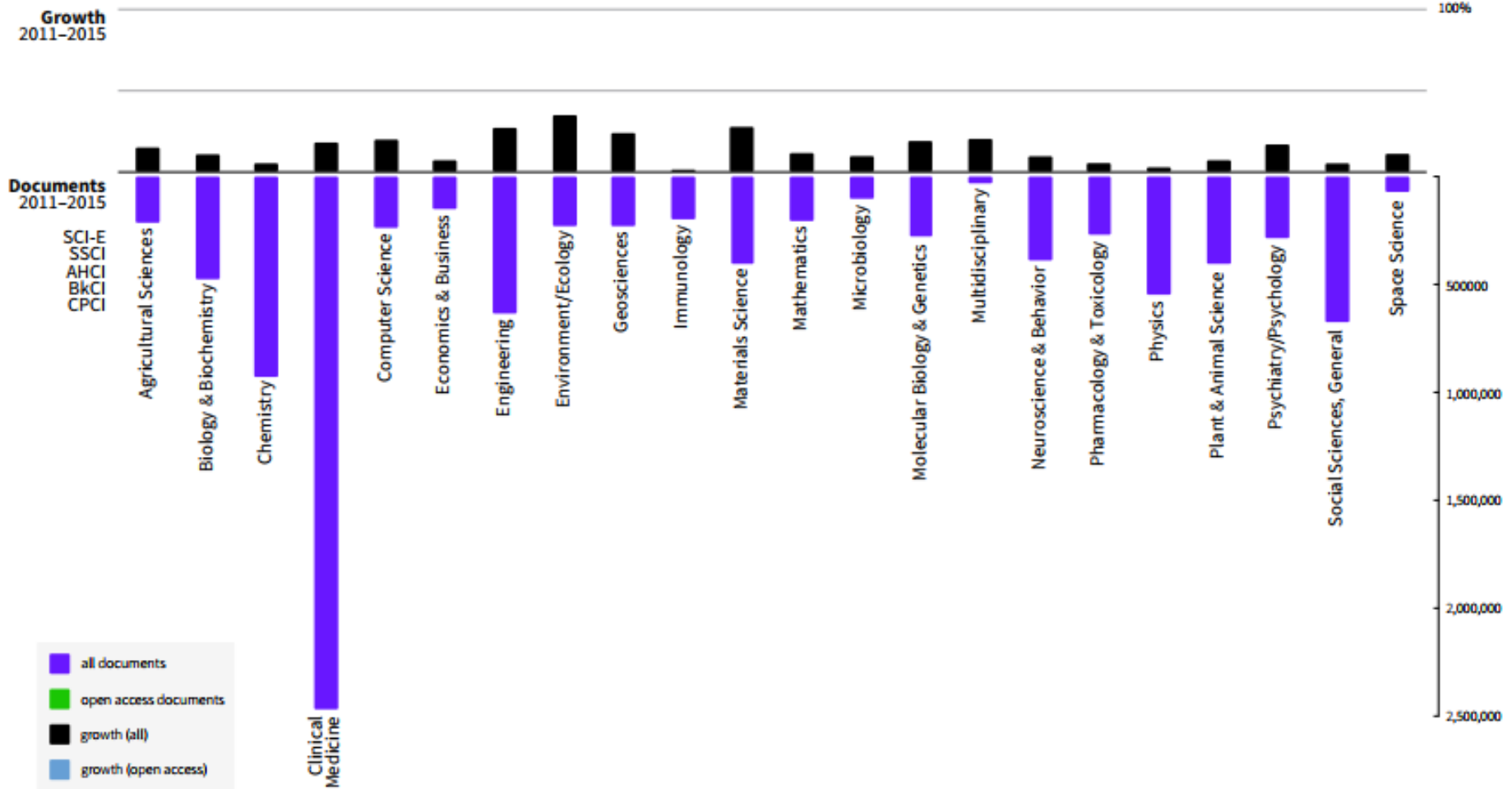
Overall growth in research articles



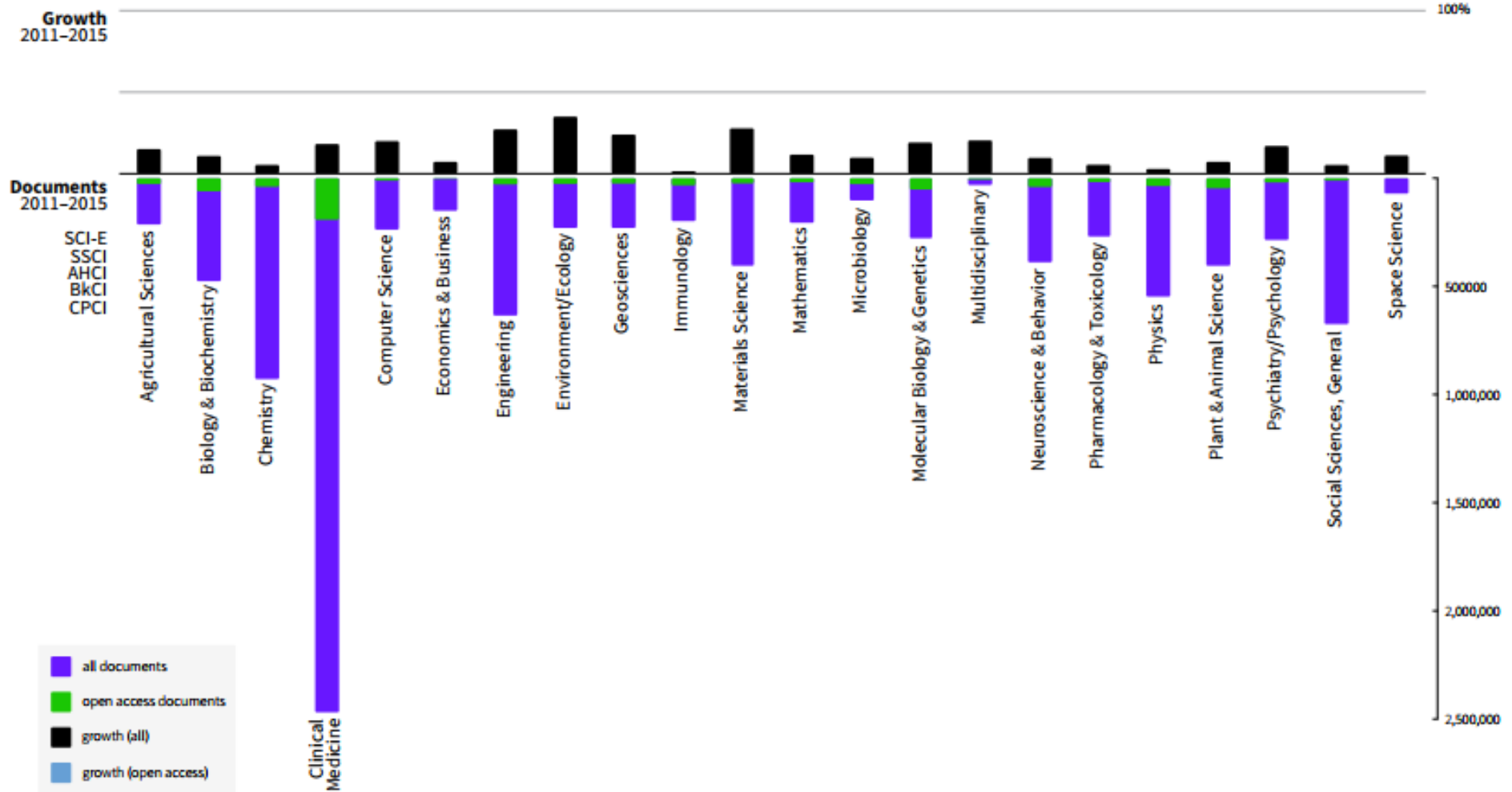
(some content from 2016 isn't yet available)



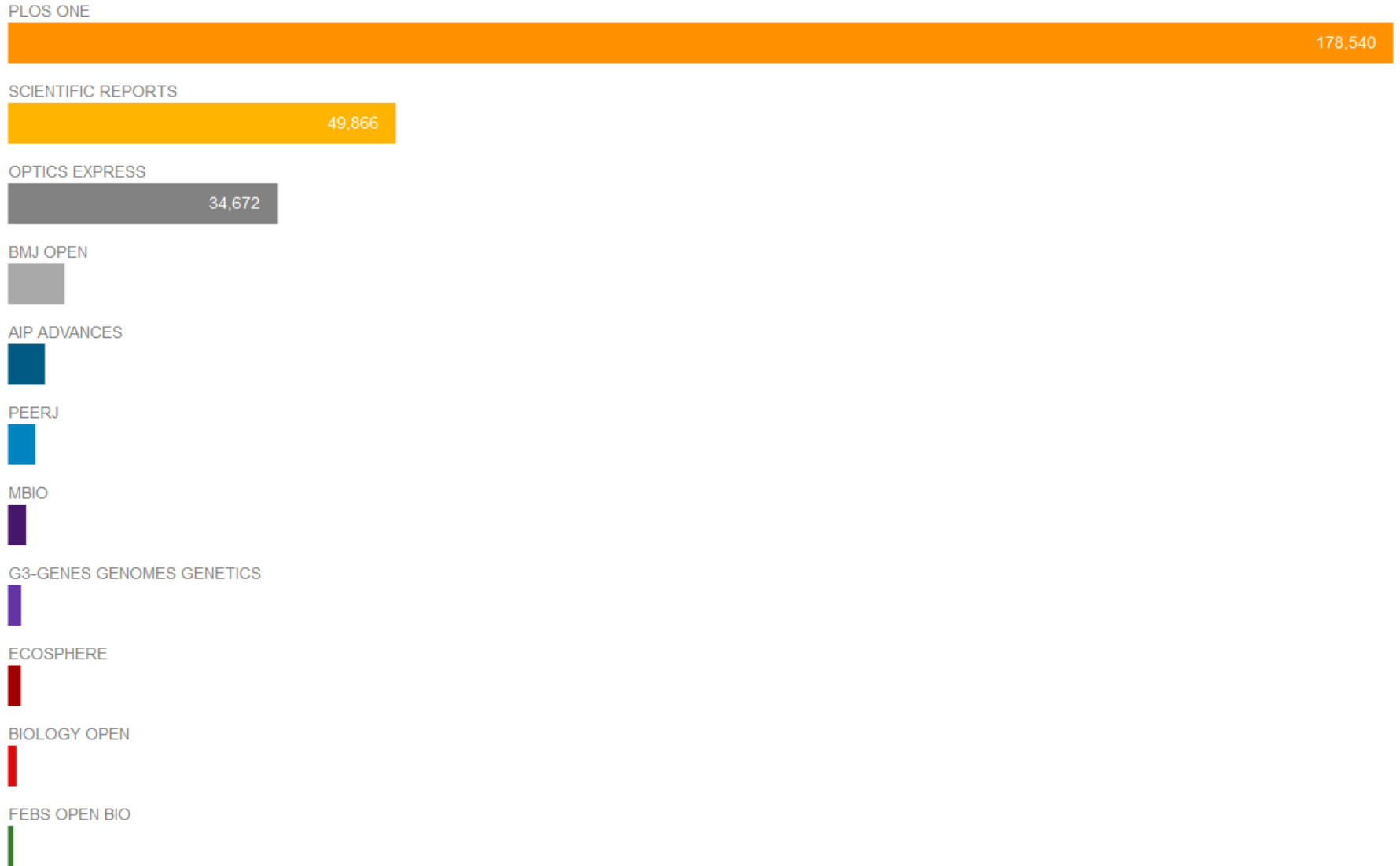
Growth as Measured in Web of Science Collection



Growth including OA



Web of Science Documents



Web of Science Documents and Rank by Documents

PLOS ONE	3	178,540
SCIENTIFIC REPORTS	54	49,866
OPTICS EXPRESS	111	34,672
BMJ OPEN	1,389	7,163
AIP ADVANCES	2,313	4,627
PEERJ	3,225	3,394
MBIO	4,898	2,188
G3-GENES GENOMES GENETICS	6,566	1,542
ECOSPHERE	6,705	1,502
BIOLOGY OPEN	9,176	952
FEBS OPEN BIO	12,459	556

Total Times Cited



Percentage of Documents Cited - Top 5 Titles

PLOS ONE

82.63%

OPTICS EXPRESS

91.33%

SCIENTIFIC REPORTS

62.04%

BMJ OPEN

65.95%

MBIO

83.64%

Journal Impact Factor

PLOS ONE

2.806

OPTICS EXPRESS

3.307

SCIENTIFIC REPORTS

4.259

BMJ OPEN

2.369

MBIO

6.956

Journal Impact Factor without Self-Cites

PLOS ONE

2.614

OPTICS EXPRESS

2.848

SCIENTIFIC REPORTS

3.78

BMJ OPEN

2.211

MBIO

6.707

Five Year Impact Factor

PLOS ONE

3.394

OPTICS EXPRESS

3.436

SCIENTIFIC REPORTS

4.847

BMJ OPEN

2.735

MBIO

7.165

Immediacy Index

PLOS ONE

0.429

OPTICS EXPRESS

0.686

SCIENTIFIC REPORTS

0.647

BMJ OPEN

0.38

MBIO

1.311

Cited Half Life

PLOS ONE

3.7

OPTICS EXPRESS

5.2

SCIENTIFIC REPORTS

2

BMJ OPEN

2.9

MBIO

2.8

PLOS – Category Normalized Citation Impact

BIOCHEMISTRY & MOLECULAR BIOLOGY

0.75

NEUROSCIENCES

0.86

ONCOLOGY

0.96

MULTIDISCIPLINARY SCIENCES

0.70

IMMUNOLOGY

0.84

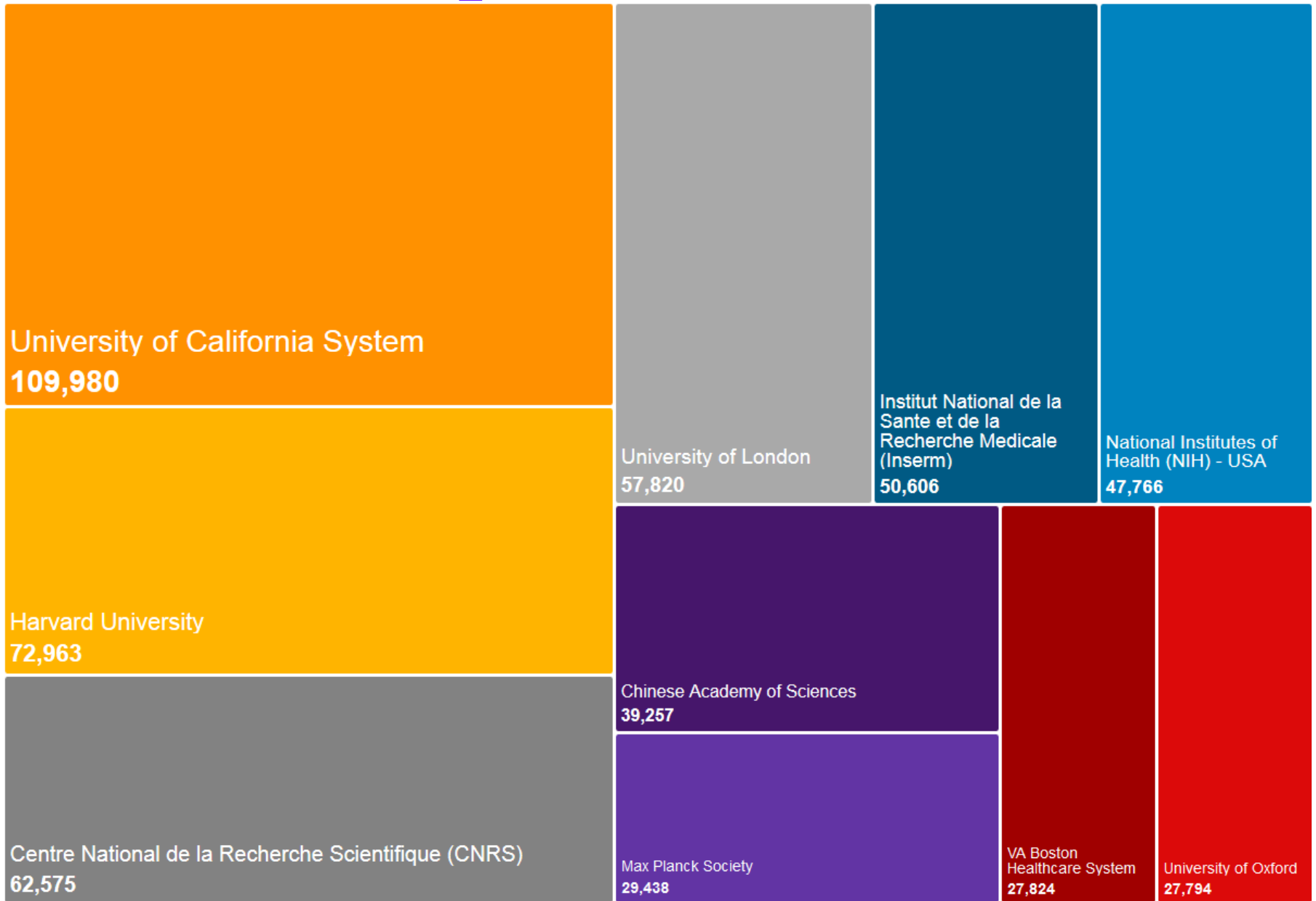
MICROBIOLOGY

1.14

CELL BIOLOGY

0.62

PLOS ONE = Organizations



Conclusion

- Changing face of scholarly communication
- Electronic publishing
- Megajournals are here to stay

Thank you

Jeffrey Clovis
Jeff.clovis@clarivate .com

Web of Science
Trust the difference

 **Clarivate**
Analytics

