

Citation Impact of Open Access Journals

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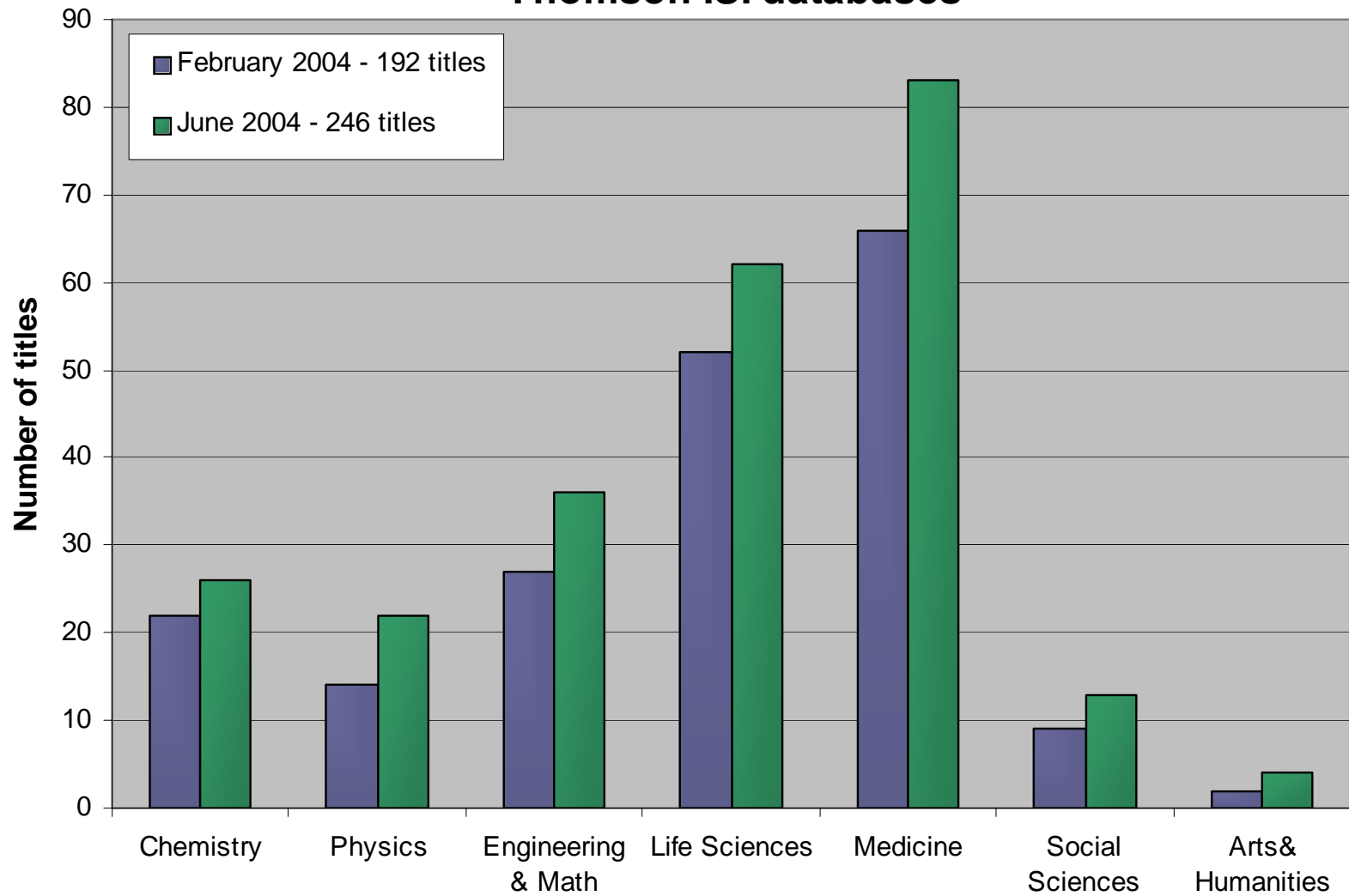
Outline

- Thomson ISI coverage of Open Access journals
- Open Access journals in Chemistry
 - Citation performance
 - Characteristics of the journals
- What does Open Access mean to the researcher?

Defining Open Access


- Peer-reviewed, scholarly journals; no charge to readers or their institutions to access or download the most recently published content.
- Three resources consulted:
 - Directory of Open Access Journals www.doaj.org
 - SciELO – www.scielo.br
 - J-STAGE - <http://www.lib.meiji.ac.jp/olj/list/12000.html>
 - Total of 1190 journals (as of June 30)
- Thomson-ISI selection criteria

Coverage of Open Access Journals in Thomson ISI databases

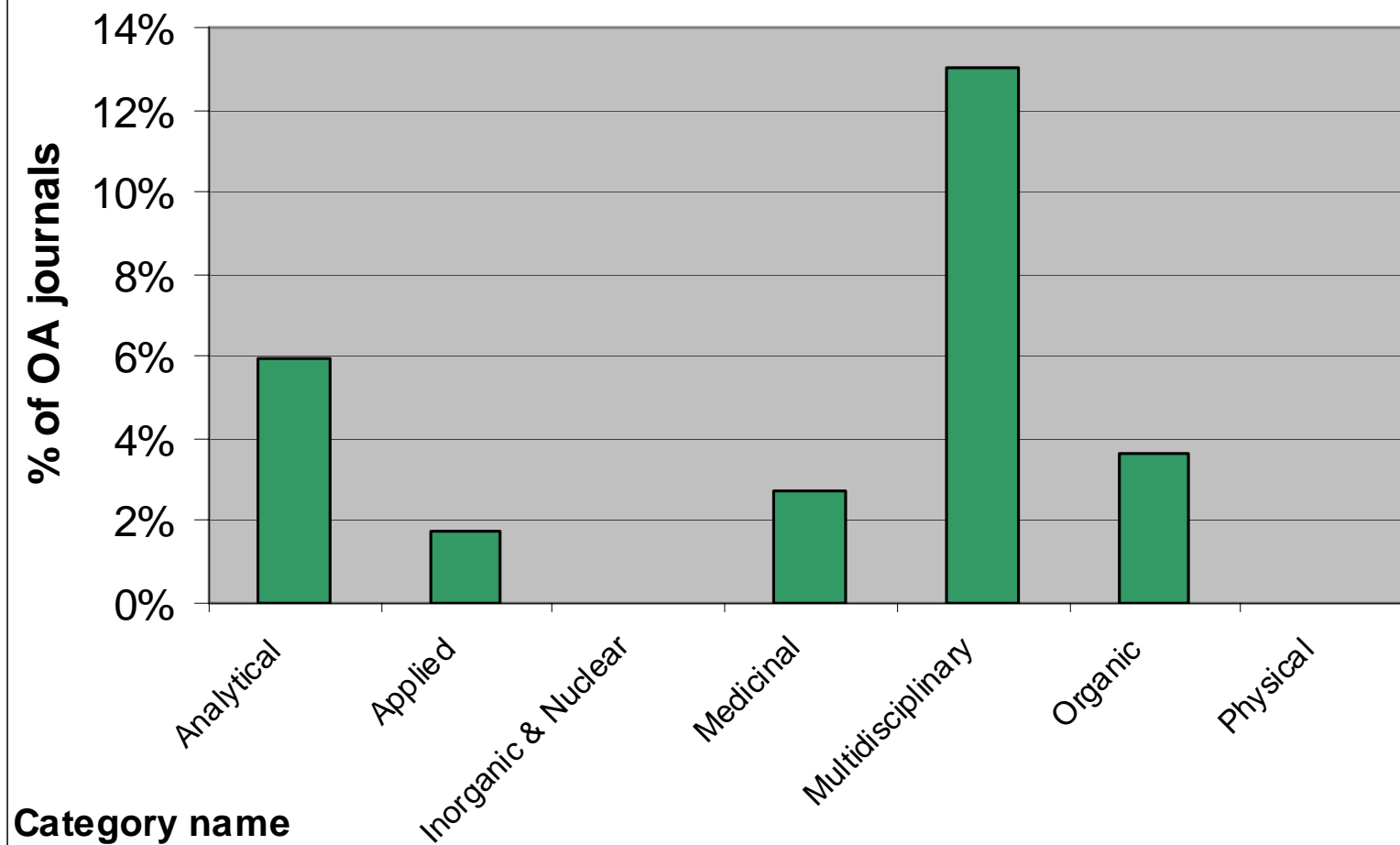


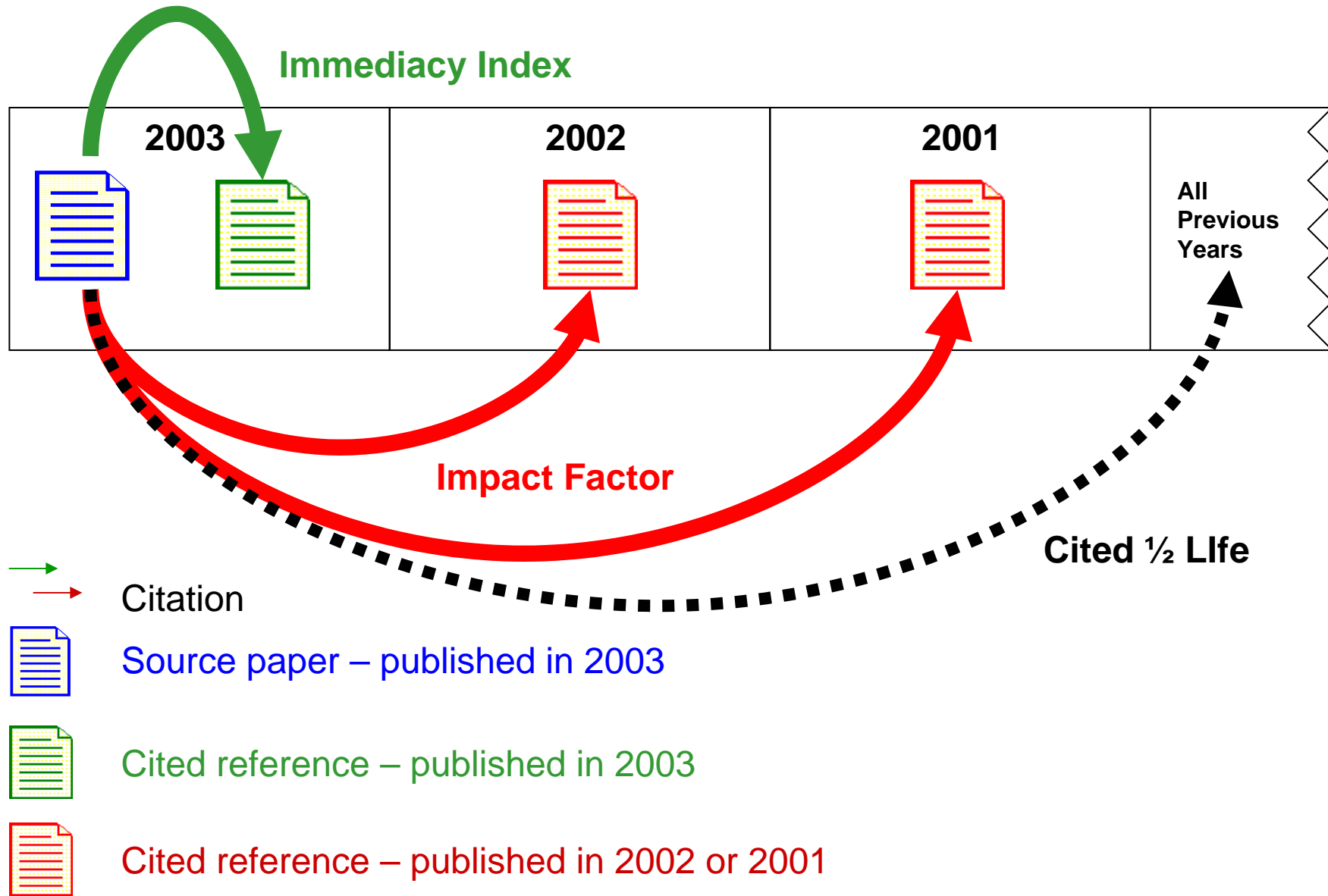
Open Access journals in Chemistry

Which journals are OA?

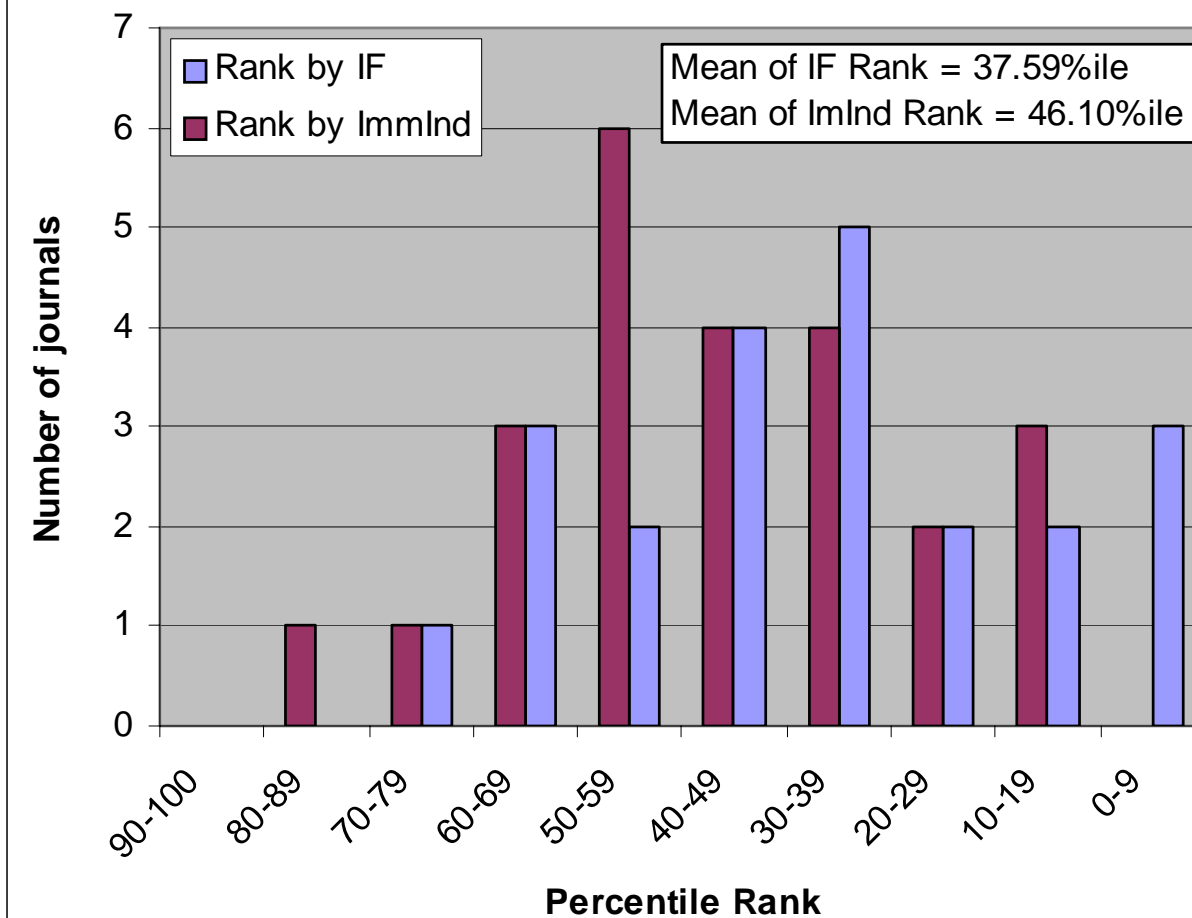
- ACTA CHIMICA SLOVENICA
 - ACTA CHROMATOGRAPHICA
 - ACTA PHARMACOLOGICA SINICA
 - ANALYTICAL SCIENCES
 - ARKIVOC
 - BULLETIN OF THE CHEMICAL SOCIETY OF JAPAN
 - BULLETIN OF THE KOREAN CHEMICAL SOCIETY
 - BIOSCIENCE BIOTECHNOLOGY AND BIOCHEMISTRY
 - BOLETIN DE LA SOCIEDAD CHILENA DE QUIMICA
 - BUNSEKI KAGAKU
 - CHEMISTRY LETTERS
 - CHEMICKE LISTY
 - CHEMICAL & PHARMACEUTICAL BULLETIN
 - CHINESE JOURNAL OF CHEMISTRY
 - CROATICA CHIMICA ACTA
 - ECLETICA QUIMICA
 - INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES
 - JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY
 - JOURNAL OF THE CHILEAN CHEMICAL SOCIETY
 - JOURNAL OF THE SERBIAN CHEMICAL SOCIETY
 - MOLECULES
 - NIPPON KAGAKU KAISHI
 - PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCES-CHEMICAL SCIENCES
 - QUIMICA NOVA
 - SENSORS
- 

Distribution of OA Journals in Chemistry categories

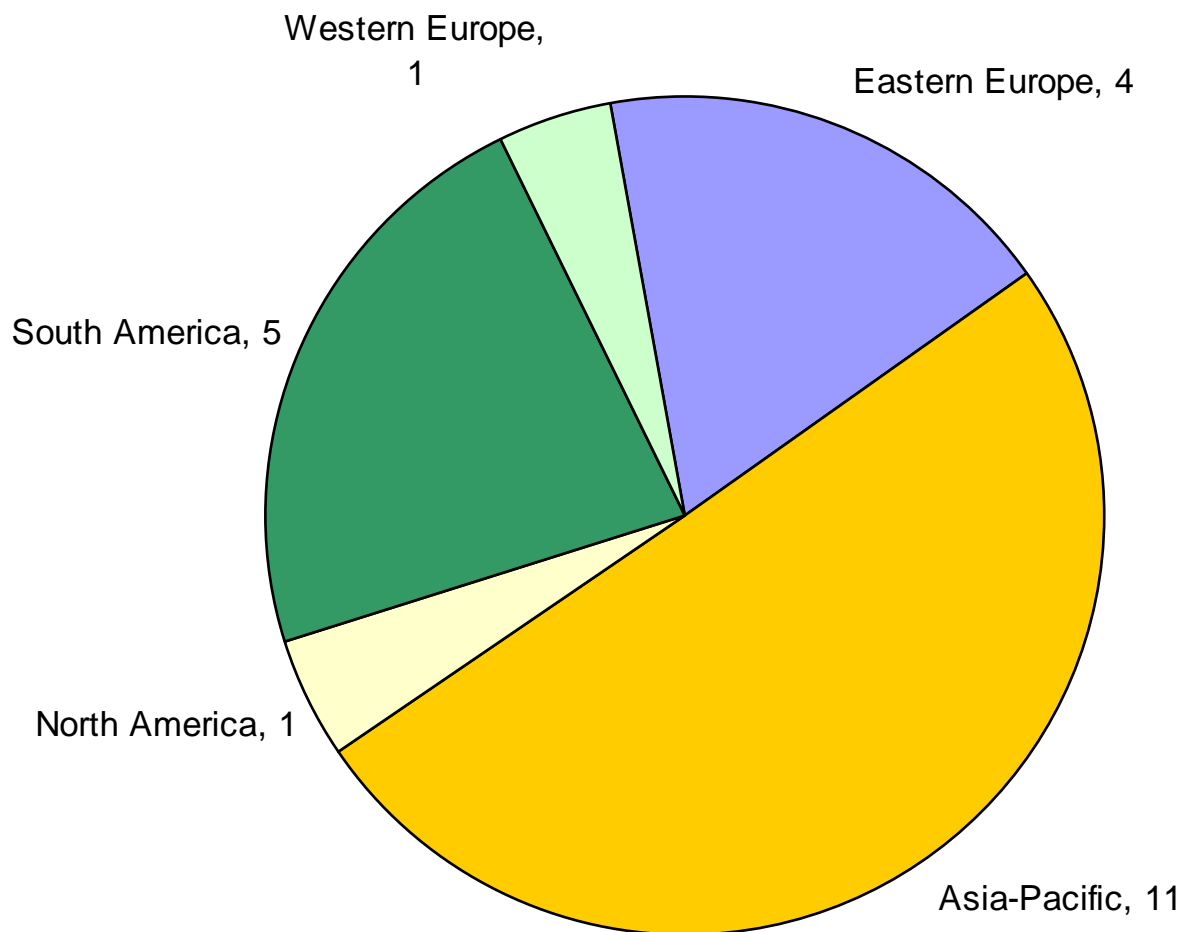




Percentile Rank in category of OA Chemistry Journals

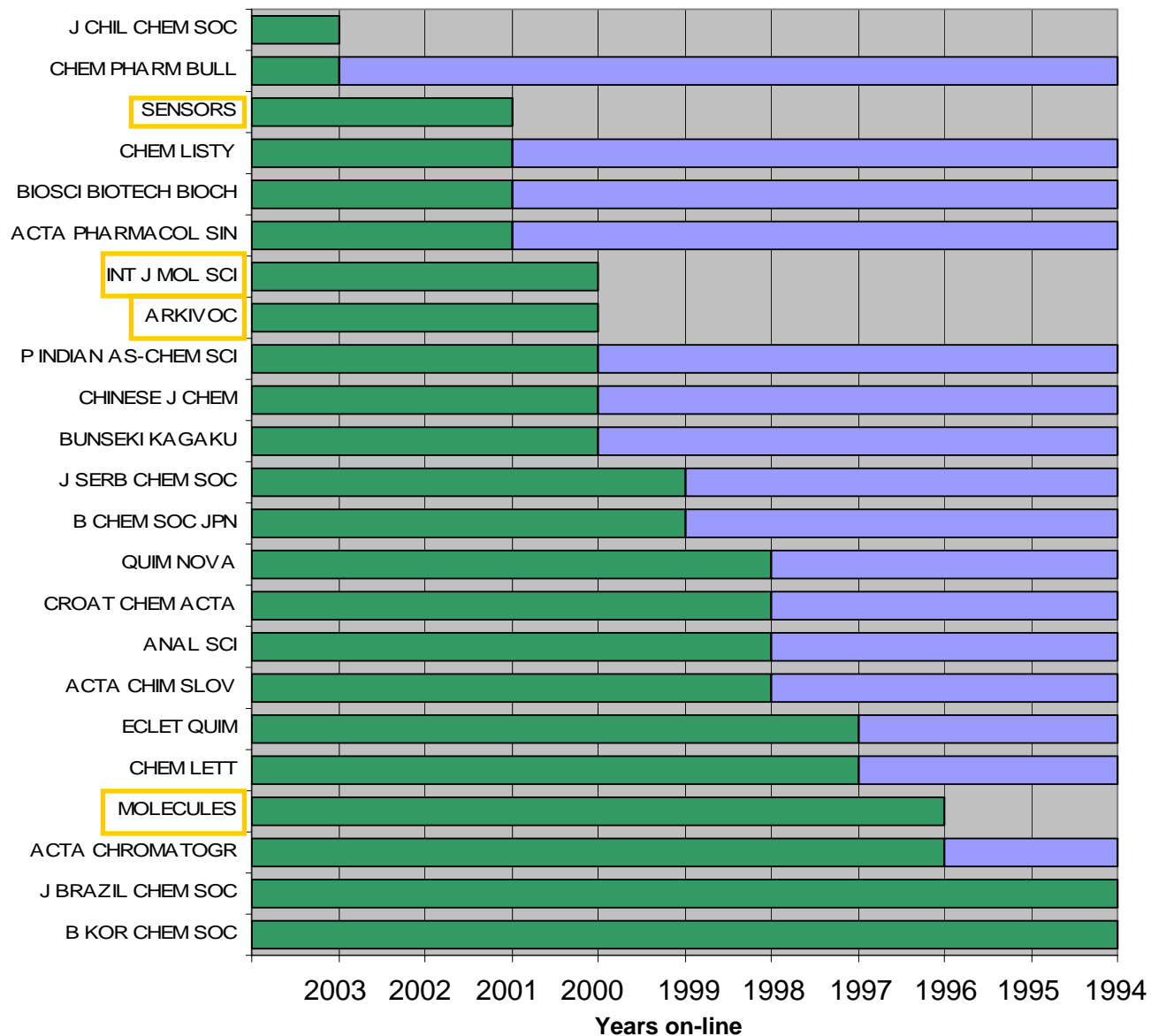


Distribution of Open Access Chemistry Journals by Region

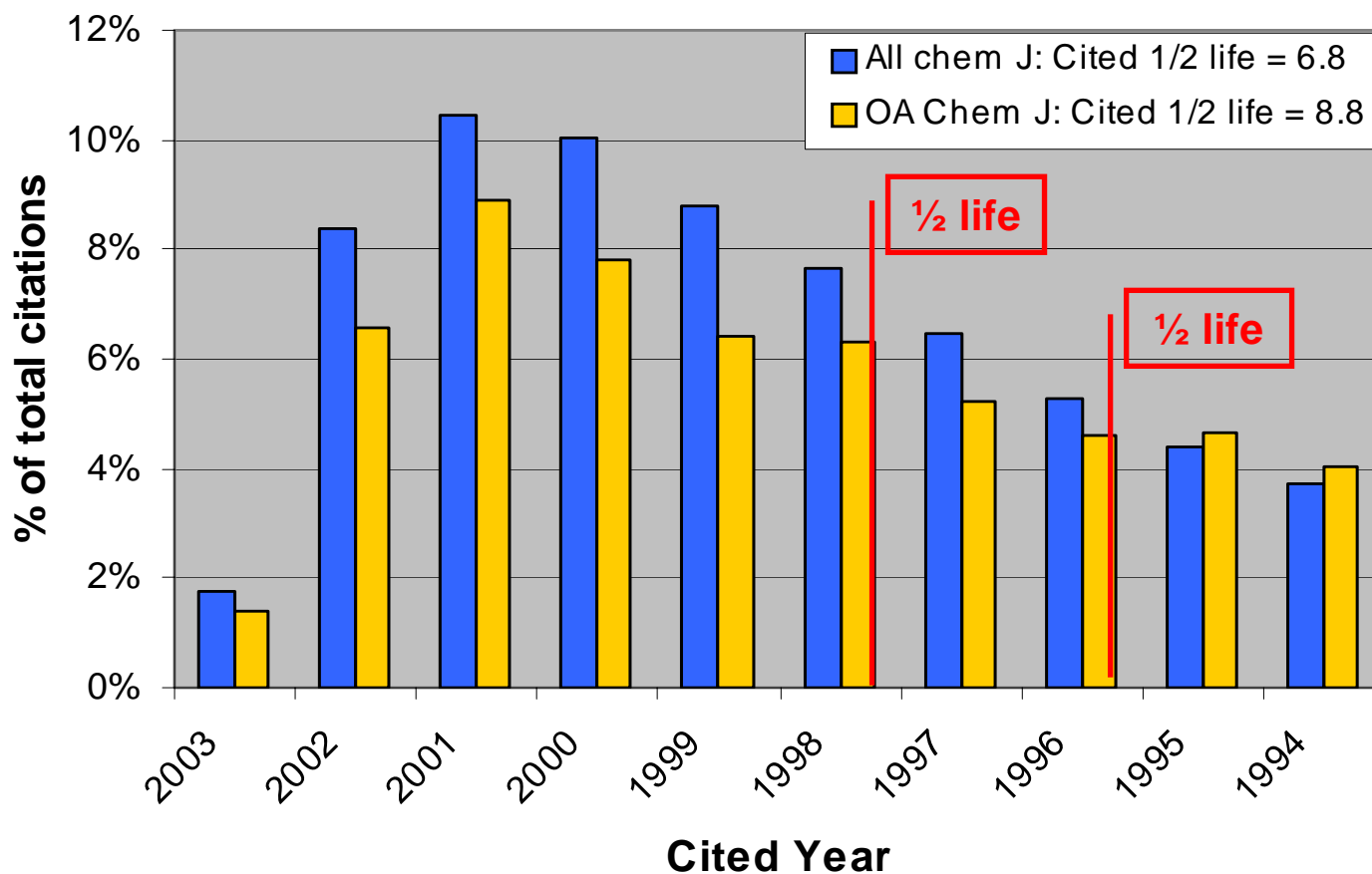


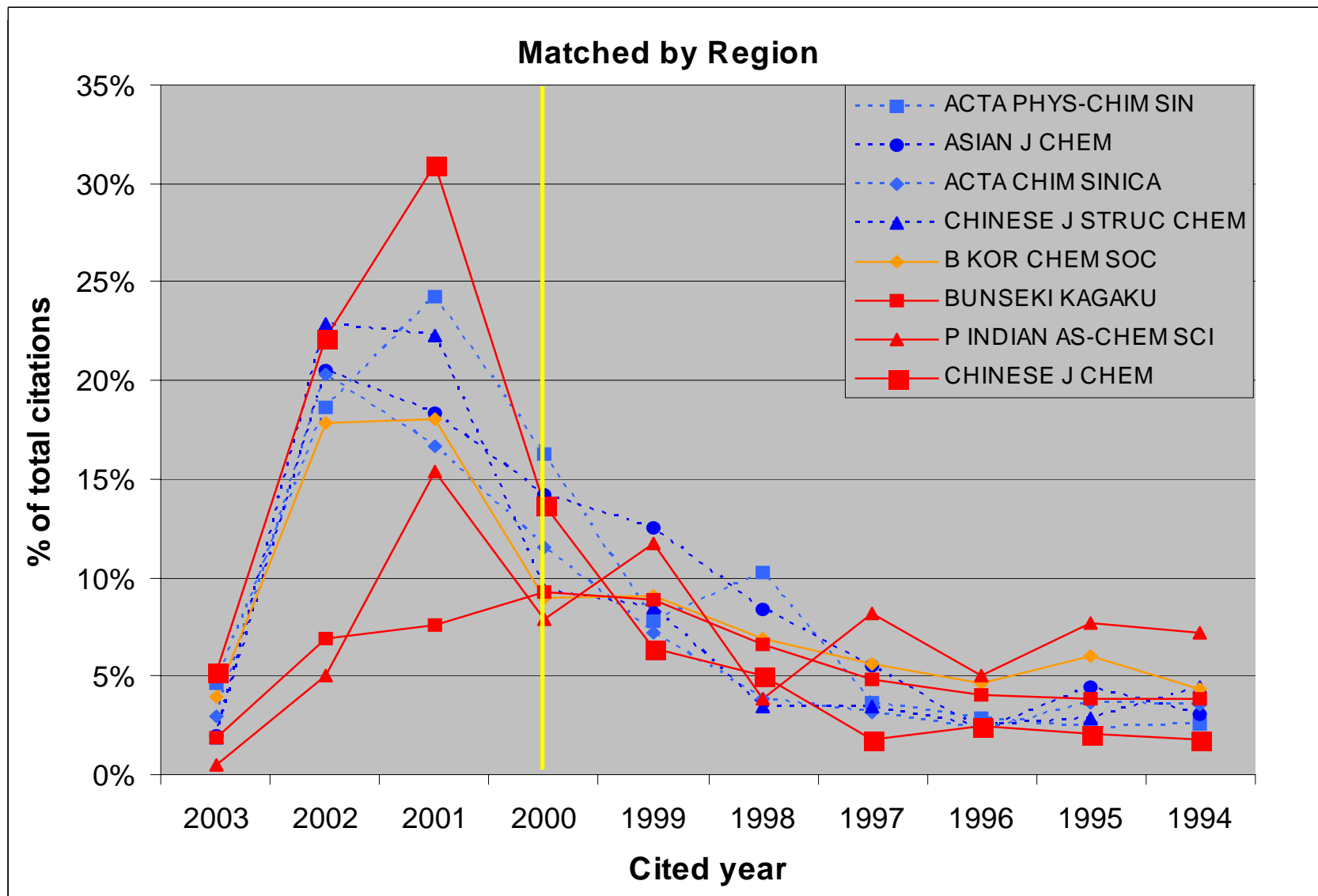
How Open is "Open Access"

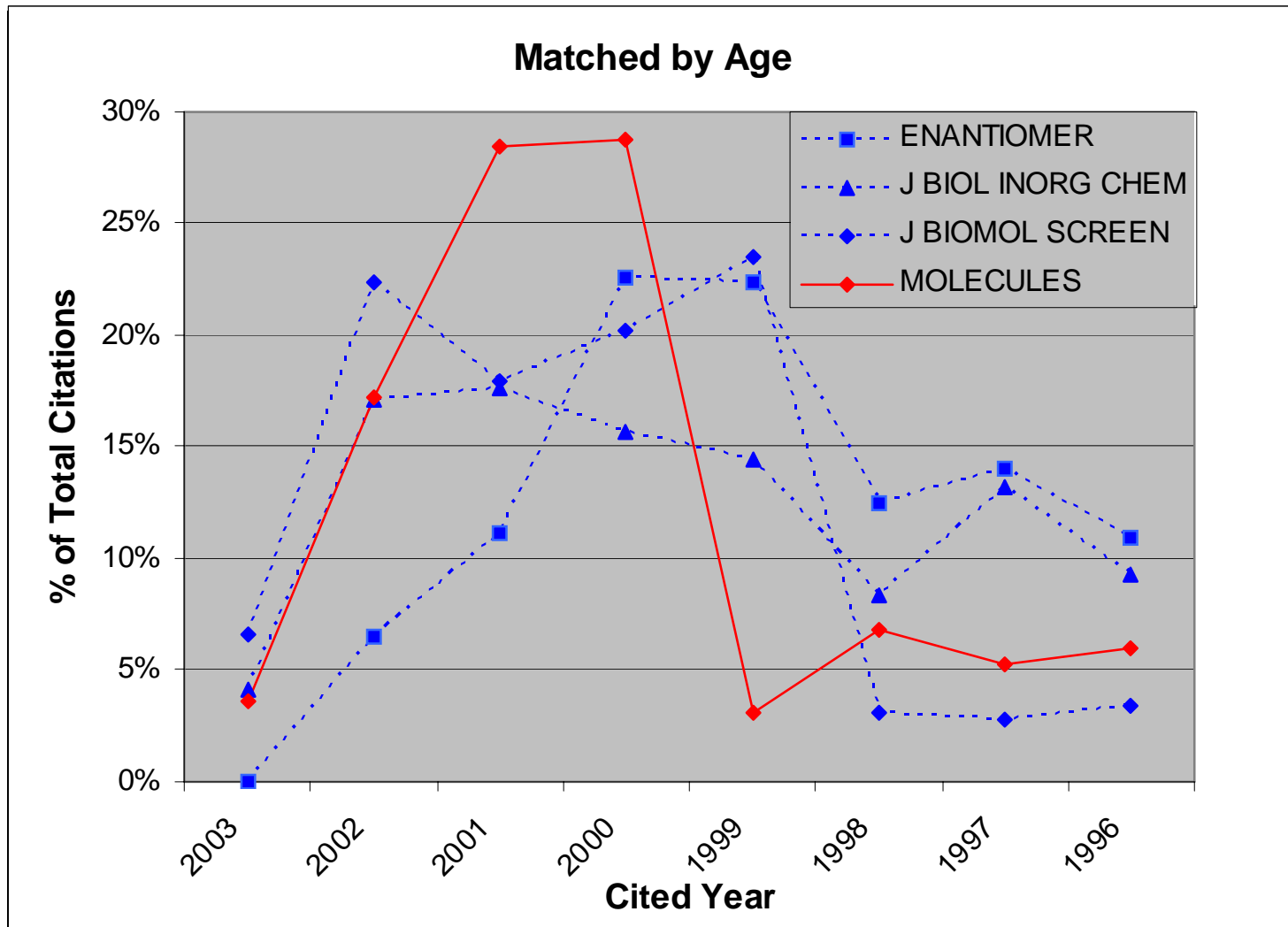
■ Years of OA content
■ Other years



Incoming citations to Chemistry journals







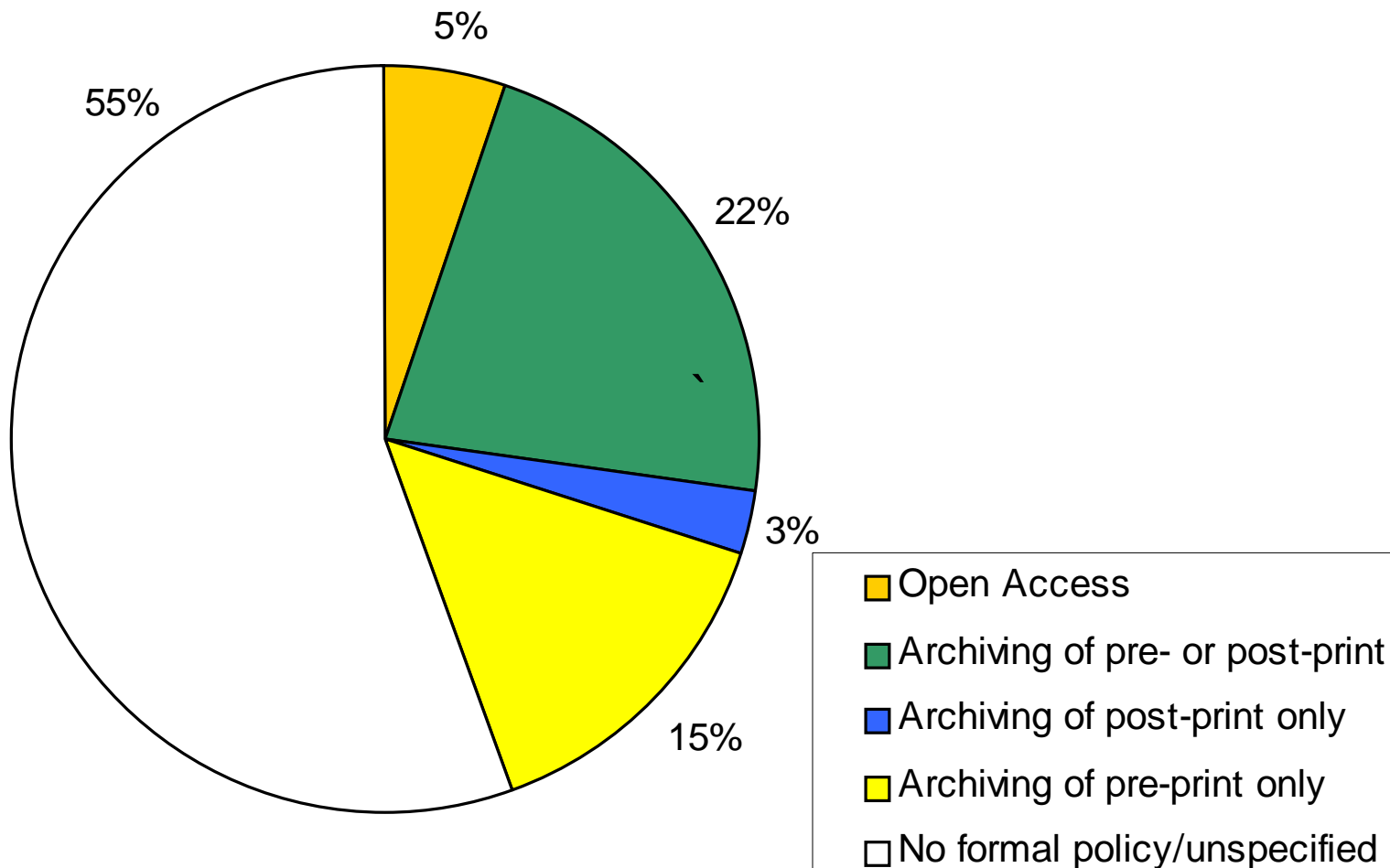
Open Access Chemistry Journals Summary

- Only 5% of journals selected for coverage in Thomson-ISI products currently use Open Access distribution models.
- None of the OA journals is among the top 20% of journals in its subject.
- Most are regionally published, general chemistry journals.
- Open Access does not appear to affect significantly either the quantity or age of citations to the journals.

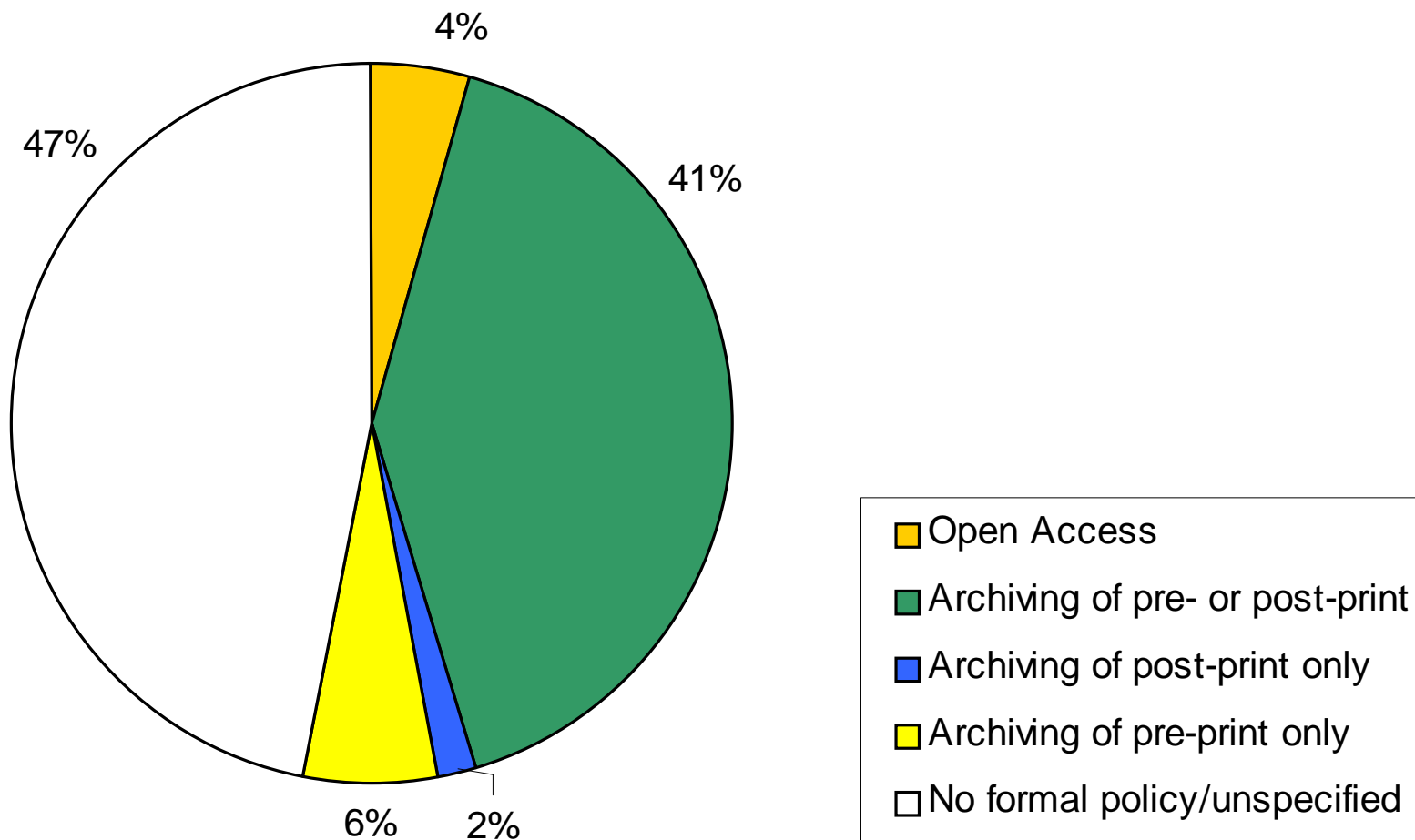
Additional methods of Access

- Open Access journals
- Publisher archive (after embargo period)
- Pre-print servers
- Institutional or self-archiving

Archiving Policy - by journal 427 Chemistry journals



Archiving Policy - by article 427 Chemistry journals



What does Access mean to a researcher?

All that glitters

- Gold Road
 - Journal launched with free access to all users
- Old Gold
 - Not all use is immediate use. Free availability after an embargo period can represent 80% or more of the citation life-span of an article
- “Looks like Gold to me”
 - Institutional site-license provides access at the desktop – most chemistry journals are currently accessed this way
 - Self- or institutional-archiving provides open access at the article level

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Thank you