Institution Overview Report - Universidade de São Paulo

87,607 ▲
Scholarly Output

63,196 ▲
Authors

1.13
Field-Weighted Citation Impact

706,013
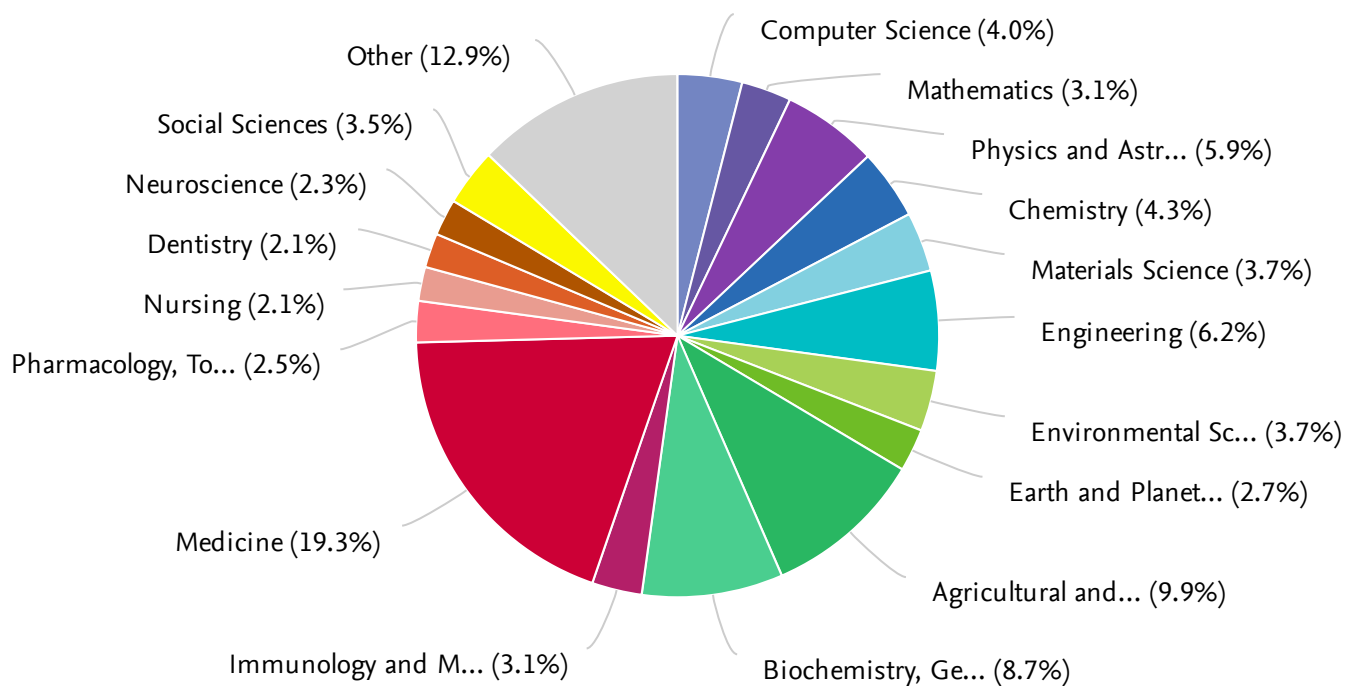Citation Count

8.1
Citations per Publication

148
h5-index

This analysis provides an overall metrics summary of the institution. The snowflake means the metrics have been calculated using the Snowball Metrics methodology.

Note: for researchers with a small scholarly output, please beware of highly cited publications which may skew the FWCI.

Publications by Subject Area

Entity: Universidade de São Paulo · Year range: 2014 to 2019 · Data source: Scopus, up to 29 Apr 2020 ·

- Other (12.9%)
- Social Sciences (3.5%)
- Neuroscience (2.3%)
- Dentistry (2.1%)
- Nursing (2.1%)
- Pharmacology, To... (2.5%)
- Medicine (19.3%)
- Immunology and M... (3.1%)
- Biochemistry, Ge... (8.7%)
- Agricultural and... (9.9%)
- Earth and Planet... (2.7%)
- Environmental Sc... (3.7%)
- Engineering (6.2%)
- Materials Science (3.7%)
- Chemistry (4.3%)
- Physics and Astr... (5.9%)
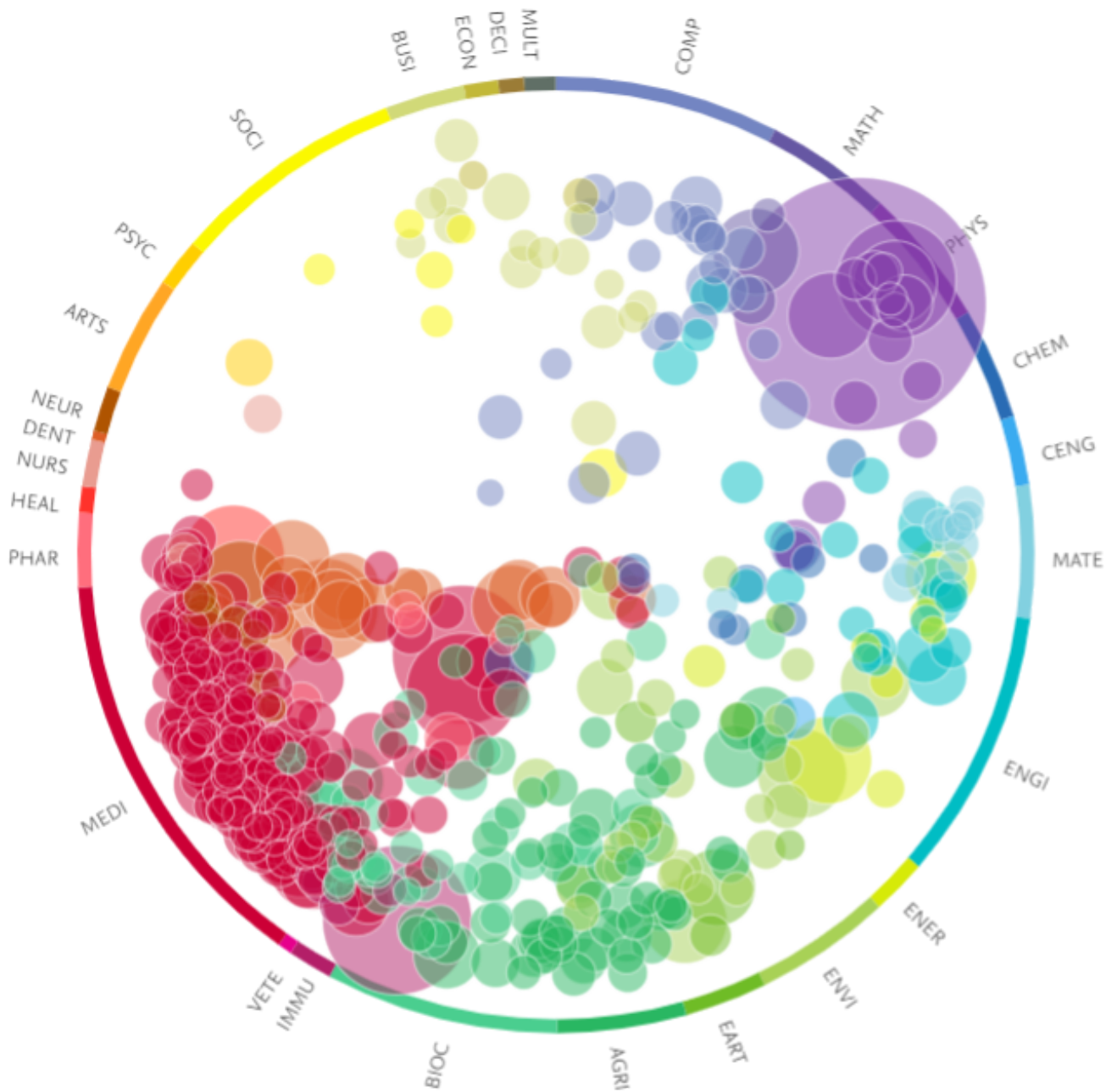- Mathematics (3.1%)
- Computer Science (4.0%)

This gives an overview of the Subject Areas in which the institution is publishing and is based upon the high level All Science Journal Classification (ASJC). These Subject Areas are assigned to all articles via the journals in which they are published. Please note, that an article can belong to more than one ASJC.

Key Topics

Entity: Universidade de São Paulo · Year range: 2014 to 2019 · Data source: Scopus, up to 29 Apr 2020 · Filters: Top 10% of worldwide Topics by Prominence ·

Key Topics

■	COMP	Computer Science	■ PHAR	Pharmacology, Toxicology and Pharmaceutics
■	MATH	Mathematics	■ HEAL	Health Professions
■	PHYS	Physics and Astronomy	■ NURS	Nursing
■	CHEM	Chemistry	■ DENT	Dentistry
■	CENG	Chemical Engineering	■ NEUR	Neuroscience
■	MATE	Materials Science	■ ARTS	Arts and Humanities
■	ENGI	Engineering	■ PSYC	Psychology
■	ENER	Energy	■ SOCI	Social Sciences
■	ENVI	Environmental Science	■ BUSI	Business, Management and Accounting
■	EART	Earth and Planetary Sciences	■ ECON	Economics, Econometrics and Finance
■	AGRI	Agricultural and Biological Sciences	■ DECI	Decision Sciences
■	BIOC	Biochemistry, Genetics and Molecular Biology	■ MULT	Multidisciplinary
■	IMMU	Immunology and Microbiology		
■	VETE	Veterinary		
■	MEDI	Medicine		

A Topic is a collection of articles focused on a common intellectual research problem. There are 96,000 Topics in SciVal that are created by analyzing citation links between articles in Scopus - where there is a strong link a Topic is formed. This chart shows the Topics with a lot of momentum (a high Prominence percentile), in which the institution is potentially making an impact. To learn more, search for Topic Prominence in Science in the SciVal Support Hub.

Key Topics

Key Topics

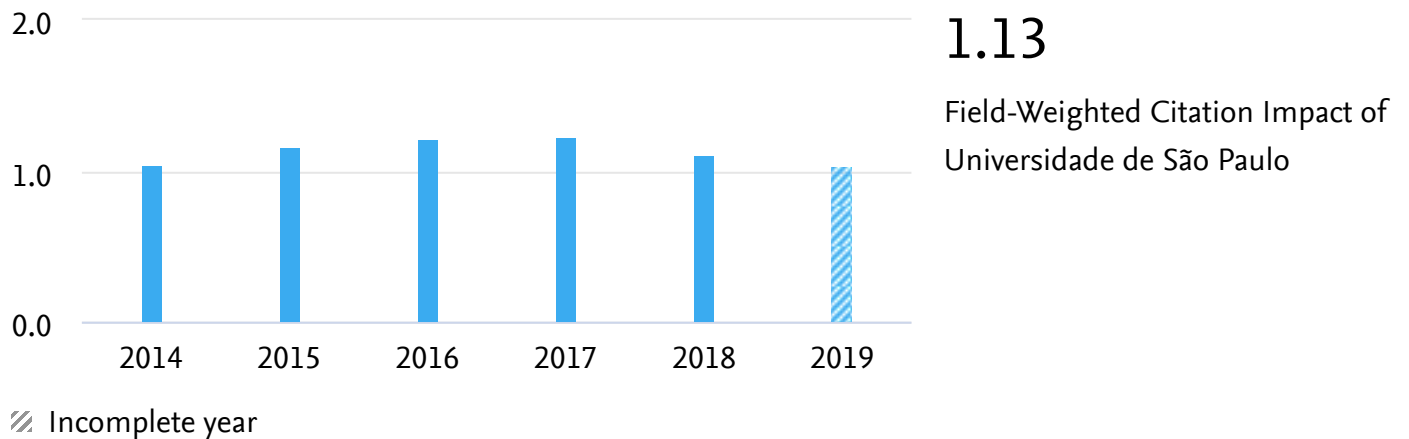| Topic	At this Institution			Worldwide
	Scholarly Output	Publication Share	Field-Weighted Citation Impact	Prominence percentile
Safety; Registries; Local respiratory ... T.12894	394	87.75% ▲	0.18	76.121
Collisions; Jets; Proton–proton collisions ... T.1026	356	13.58% ▲	4.02	99.939
Ticks; Ixodidae; Sanguineus sensu ... T.2206	192	27.83% ▼	1.77	93.894
Laser Therapy, Low-Level; Lasers; Therapy LLLT ... T.381	177	9.17% ▼	1.52	98.166
Viruses; Infection; Zika virus ... T.3007	164	3.26% ▲	5.54	99.974
Brazil; Primary Health Care; Sensitive conditions ... T.6274	159	15.16% ▼	1.04	89.413

Key Topics

| Topic | At this Institution | | | Worldwide |
	Scholarly Output	Publication Share	Field-Weighted Citation Impact	Prominence percentile
Collisions; Ionic collisions; Flow harmonics ... T.633	144	6.99% ▲	2.71	99.249
Siluriformes; Characiformes; Upper rio ... T.1603	141	20.09% ▼	0.76	86.970
Cerambycidae; Coleoptera; Costa Rica ... T.2504	138	46.31% ▲	0.21	50.063
Photochemotherapy; Photosensitizing Agents; Inactivation PDI ... T.2983	135	8.49% ▼	1.38	98.919

A Topic is a collection of articles focused on a common intellectual research problem. There are 96,000 Topics in SciVal that are created by analyzing citation links between articles in Scopus - where there is a strong link a Topic is formed. This table shows the Topics with a lot of momentum (a high Prominence percentile), in which the institution is potentially making an impact. To learn more, search for Topic Prominence in Science in the SciVal Support Hub.

Field-Weighted Citation Impact

Entity: Universidade de São Paulo · Year range: 2014 to 2019 · Data source: Scopus, up to 29 Apr 2020 ·

1.13

Field-Weighted Citation Impact of Universidade de São Paulo
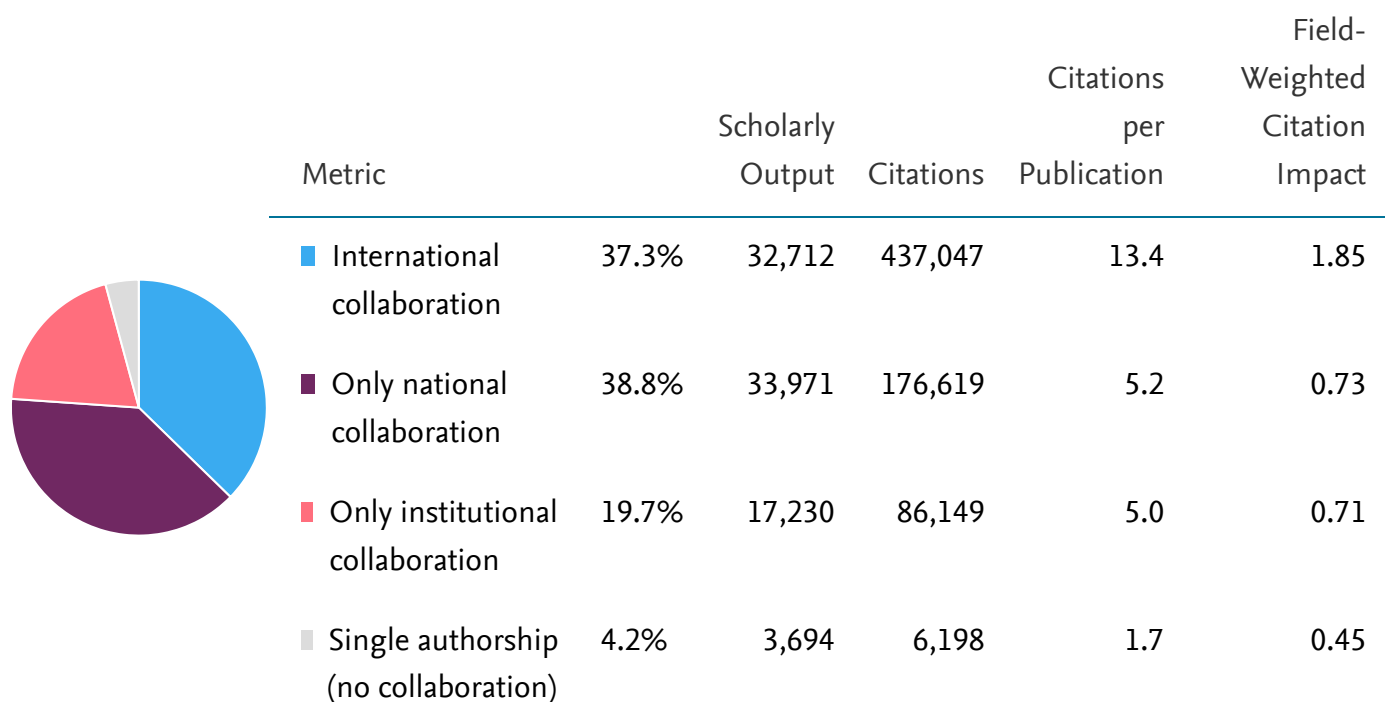
⬚ Incomplete year

Field-Weighted Citation Impact (FWCI) indicates how the number of citations received by the institution publications compares with the average number of citations received by all other similar publications in Scopus. A FWCI of 1.00 indicates that the institution's publications have been cited exactly as would be expected based on the global average for similar publications. A FWCI of more than 1.00 above average citations; for example, 2.11 means 111% more than the world average.

Note: for institutions with a scholarly output less than 1,000, please beware of highly cited publications which may skew the FWCI.

Scholarly Output at Universidade de São Paulo, by amount of international, national and institutional collaboration

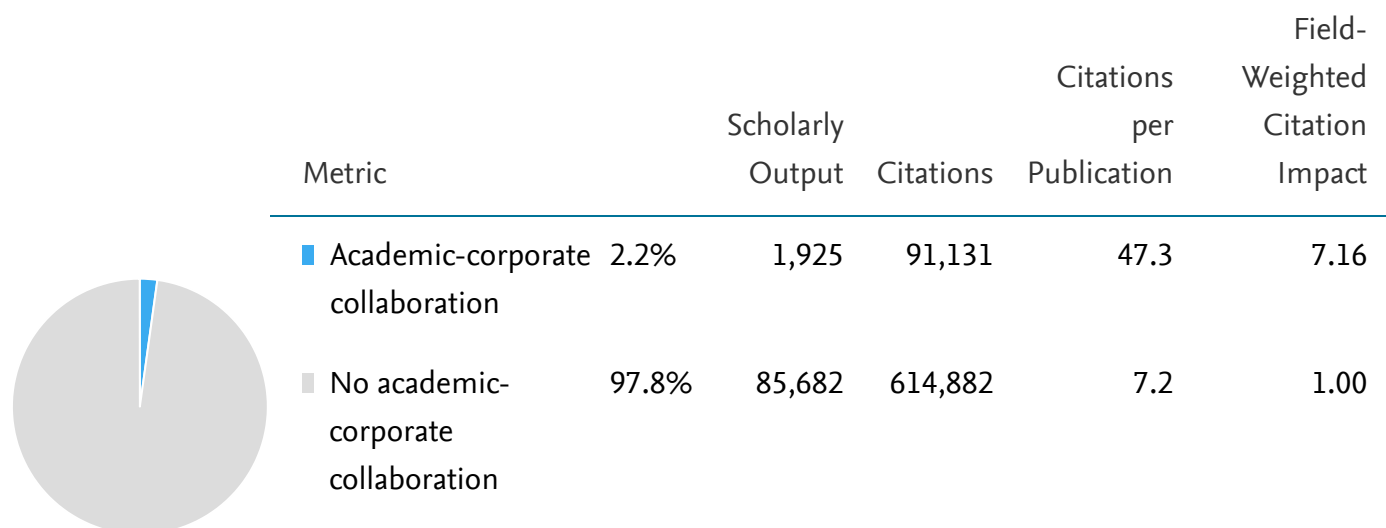|	Metric		Scholarly Output	Citations	Citations per Publication	Field-Weighted Citation Impact
■	International collaboration	37.3%	32,712	437,047	13.4	1.85
■	Only national collaboration	38.8%	33,971	176,619	5.2	0.73
■	Only institutional collaboration	19.7%	17,230	86,149	5.0	0.71
■	Single authorship (no collaboration)	4.2%	3,694	6,198	1.7	0.45

Indicates the extent to which the institution's publications have international, national, or institutional co-authorship, and single authorship. A publication is assigned a single collaboration type.

Note: for collaboration types with a scholarly output less than 1,000, please beware of highly cited publications which may skew the FWCI.

Scholarly Output at Universidade de São Paulo with both academic and corporate author affiliations

Metric	Scholarly Output	Citations	Citations per Publication	Field-Weighted Citation Impact
■ Academic-corporate collaboration	2.2% 1,925	91,131	47.3	7.16
■ No academic-corporate collaboration	97.8% 85,682	614,882	7.2	1.00

Academic-Corporate Collaboration indicates the degree of collaboration between academic and corporate affiliations: to what extent are this institution's publications co-authored across the academic and corporate, or industrial, sectors?
A publication either exhibits academic-corporate collaboration, or it does not. This assignment is made based on the organization-type with which Scopus tags each affiliation.

Note: for collaboration types with a scholarly output less than 1,000, please beware of highly cited publications which may skew the FWCI.

Top collaborating Institutions

	Institution	Co-authored publications ↓	Citations received for co-authored publications	Co-authors	Field-Weighted Citation Impact
1	🇧🇷 Universidade Estadual Paulista Júlio de Mesquita Filho	5,866 ▲	41,063	6,511 ▲	0.98
2	🇧🇷 Universidade Estadual de Campinas	4,485 ▲	48,947	4,192 ▲	1.36
3	🇧🇷 Universidade Federal de São Paulo	3,975 ▲	45,059	4,054 ▲	1.56
4	🇧🇷 Universidade Federal de São Carlos	2,616 ▲	17,616	2,131 ▲	0.93
5	🇧🇷 Universidade Federal do Rio de Janeiro	2,604 ▲	49,870	2,656 ▲	2.27
6	🇫🇷 CNRS	2,381 ▲	69,566	3,329 ▲	3.37
7	🇧🇷 Universidade Federal de Minas Gerais	2,219 ▲	59,114	2,992 ▲	4.30

Top collaborating Institutions

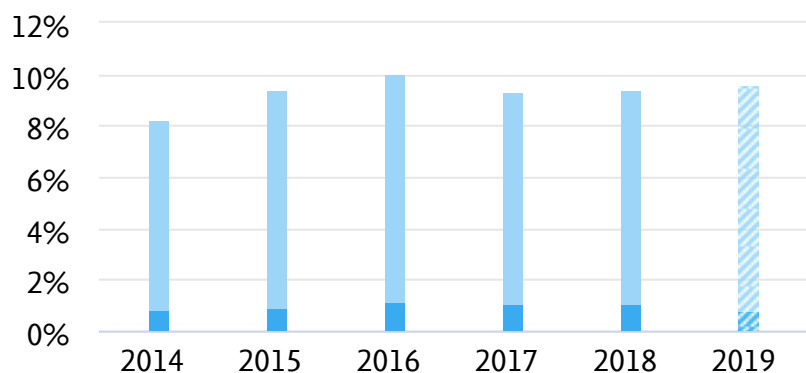|	Institution	Co-authored publications ↓	Citations received for co-authored publications	Co-authors	Field-Weighted Citation Impact
8 🇺🇸	Harvard University	2,189 ▲	119,809	2,376 ▲	7.96
9 🇧🇷	Instituto do Coração do Hospital das Clínicas	1,806 ▲	15,676	1,951 ▲	1.34
10 🇧🇷	Universidade Federal do Rio Grande do Sul	1,736 ▲	50,154	1,808 ▲	4.76

Shows the top institutions that have co-authored scholarly outputs with the institution.

Note: for collaborations with a scholarly output less than 1,000, please beware of highly cited publications which may skew the FWCI.

Outputs in Top 10% Citation Percentiles (field-weighted)

Share of publications at Universidade de São Paulo that are among the most cited publications worldwide **field-weighted**

8,219 (9.4%)

number of publications in the top 10% most cited publications worldwide
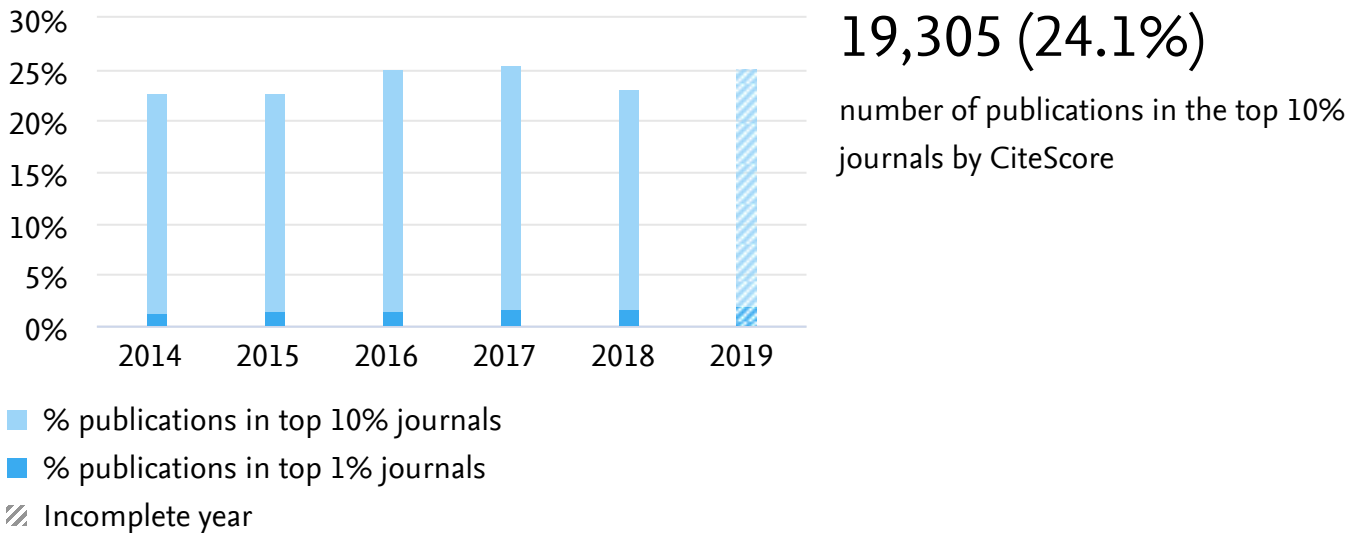
- ■ % publications in top 10% most cited
- ■ % publications in top 1% most cited
- ▨ Incomplete year

Outputs in Top Citation Percentiles indicates the extent to which an institution's publications are present in the top 10% most-cited percentiles within Scopus. This number is then field-weighted to normalize for differences in subject area citation patterns.

Publications in Top Journal Percentiles by CiteScore Percentile

Share of publications at Universidade de São Paulo that are in the top journals by CiteScore Percentile

- ■ % publications in top 10% journals
- ■ % publications in top 1% journals
- ▨ Incomplete year

19,305 (24.1%)

number of publications in the top 10% journals by CiteScore

Publications in Top Journal Percentiles indicates the extent to which the institution's publications are present in the most-cited journals in Scopus by CiteScore percentile. The percentage thresholds are taken directly from the CiteScore Percentile values that are calculated by Scopus. A journal receives a CiteScore Percentile for each ASJC in which it's categorized. SciVal always uses the highest relevant CiteScore Percentile, which is dictated by the subject area filter.

Top Authors

Name	Scholarly Output	Most recent publication	Citations	h-index
1. Donadelli, Marisilvia	646	2019	23,056	103
2. Leite, Marco A.Lisboa	644	2019	23,085	105
3. Dagli, Maria Lúcia Zaidan	339	2019	807	28
4. Teixeira, Manoel Jacobsen	276	2019	1,587	35
5. Bensenõr, Isabela Martins	260	2019	21,343	58
6. Bagnato, Vanderlei Salvador	246	2019	1,532	43
7. Labruna, Marcelo Bahia	242	2019	2,459	52
8. Munhoz, Marcelo Gameiro	221	2019	6,445	105
9. la Rosa Navarro, J. L.	211	2019	8,668	47
10. La Rosa Navarro, J. L.	201	2019	4,926	36

The authors with the highest scholarly output from the institution, along with some metrics about them.

Note: only compare the h-index of authors who started publishing around the same time and in similar subject areas.