

# Institution High Level Report - Amity University, Gurugram

Amity University, Gurugram

Filter by publication year range:2021 to 2023

## Summary metrics

Entity: Amity University, Gurugram · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to 13 Nov 2024

1,279 ▲

Scholarly Output 

27.2% Open Access

652 ▲

Authors

1.31

Field-Weighted Citation Impact



0.62

Field-Weighted Citation  
Impact Median

10,195

Citation Count 

8.0

Citations per Publication 

40

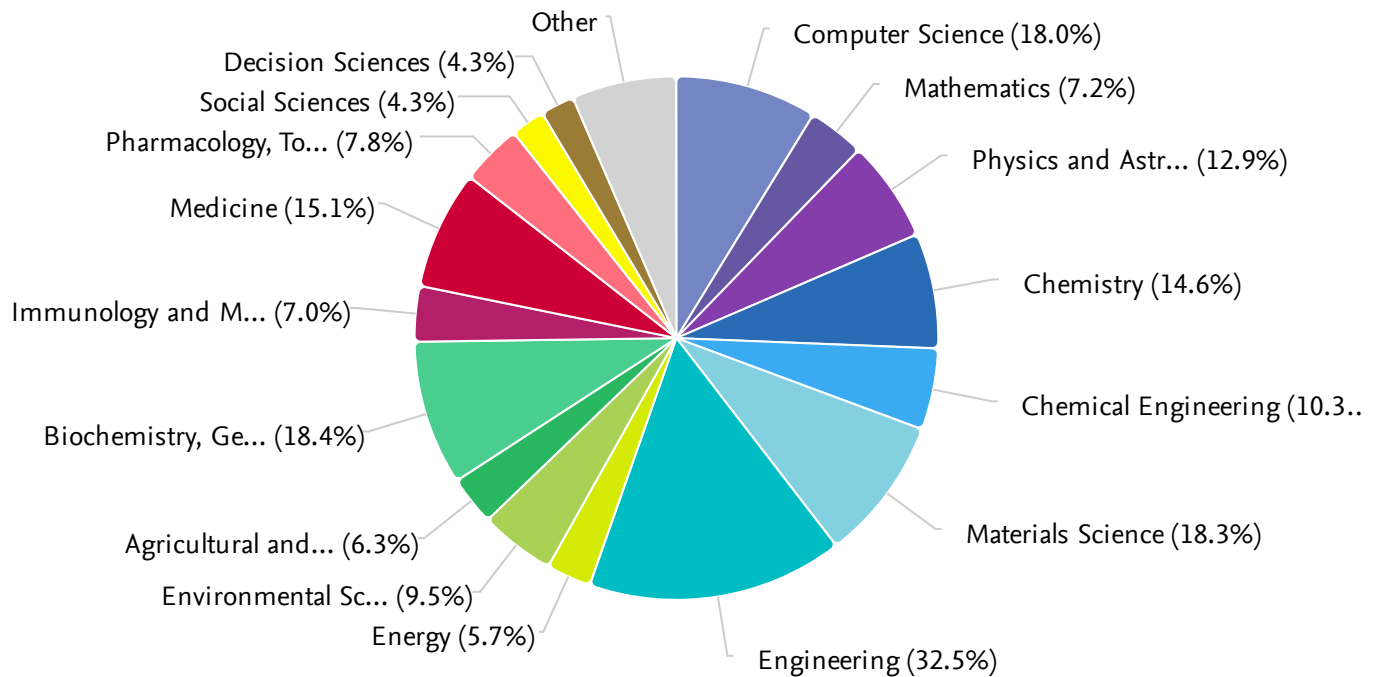
*h5*-index

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.

## Publication share by Subject Area

Entity: Amity University, Gurugram · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to 13 Nov 2024



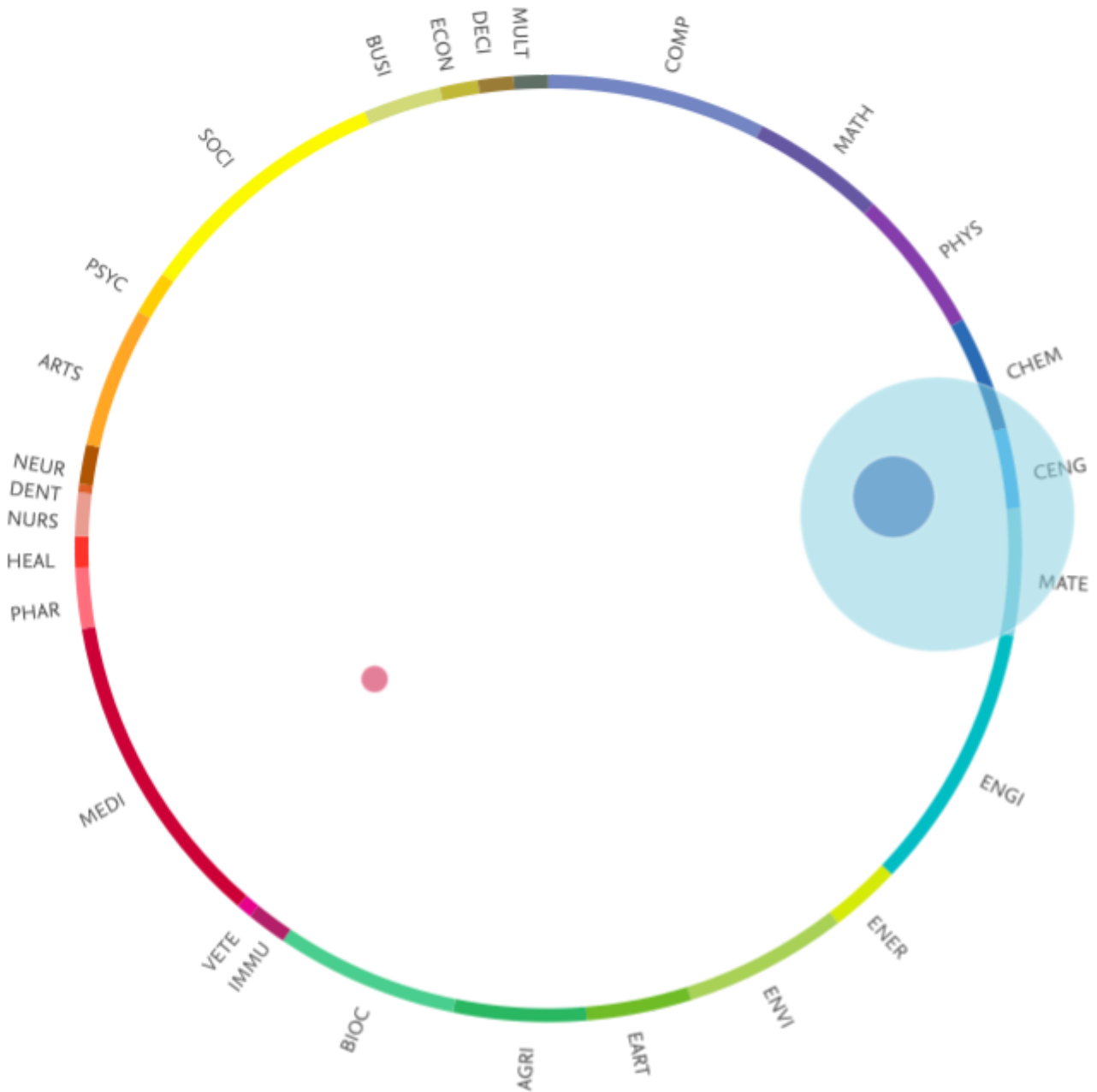
This gives an overview of the Subject Areas in which the institution is publishing and is based upon the high level All Science Journal Classification (ASJC). These Subject Areas are assigned to all articles via the journals in which they are published. Please note, that an article can belong to more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

## Key Topics

Entity: Amity University, Gurugram · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to 13 Nov 2024 · Filters: Top 10% of worldwide Topics by Prominence

○ ○ ○ Bubble size: Scholarly Output of this Institution

📍 Bubble position is based on dominant ASJC categories.



## 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

Entity: Amity University, Gurugram · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to 13 Nov 2024 · Filters: Top 10 Topics by Scholarly Output

### Key Topics

Topic	At this Institution			Worldwide
	Scholarly Output	Publication Share	Field-Weighted Citation Impact	Prominence percentile
Nanoparticle; Magnetic Property; X-Ray Diffraction T.237	48	2.80% ▲	3.73	99.419
Candida Albicans; Drug Resistance; Synergism T.8525	14	4.86% ▼	0.75	89.639
Nanoparticle; Catalyst Activity; Palladium T.807	13	1.72% ▼	1.34	98.122
Boundary Condition; Free Vibration; Finite Element Method T.6122	13	5.49% ▲	0.34	85.203
Flow Velocity; Particle Size Analysis; Hydraulics T.10545	9	4.69% ▲	1.87	83.577
Experimental Result; Display Devices; Image Processing T.27183	6	6.74% ▼	0.51	64.466
Conservation Law; Operators (Mathematics); Fractional Calculus T.65485	6	3.95% ▼	0.69	79.894
Nanoparticle; Scanning Electron Microscopy; Aluminum T.30801	5	3.12% ▲	0.82	85.505

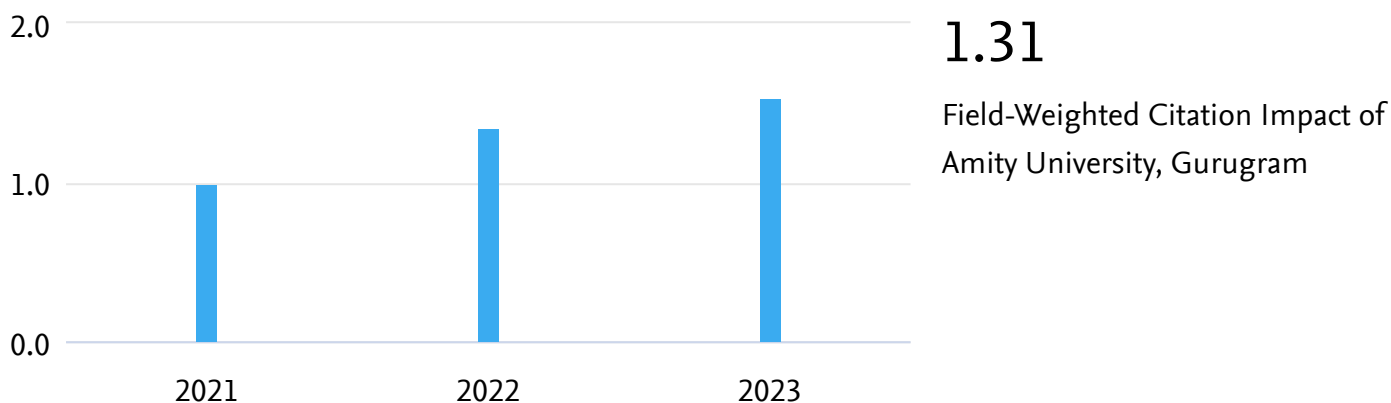
## Key Topics

Topic	At this Institution			Worldwide
	Scholarly Output	Publication Share	Field-Weighted Citation Impact	Prominence percentile
Hip; Prosthesis; Finite Element Method T.1913	3	0.68% ▼	1.37	91.262
Distributed Database Systems; Data Warehouse; Query Processing T.20180	3	8.33% ▲	0.12	58.659

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: Amity University, Gurugram · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to 13 Nov 2024



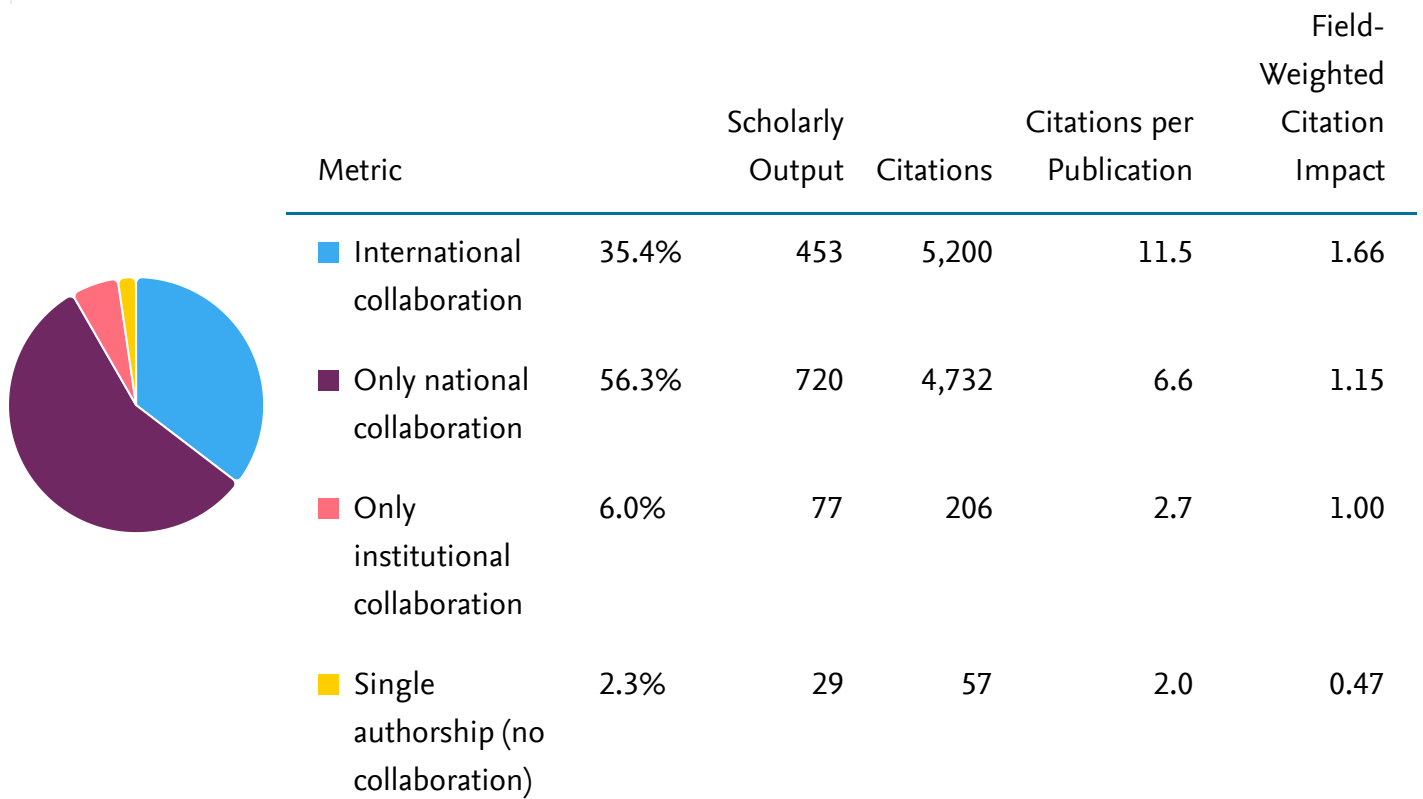
Field-Weighted Citation Impact (FWCI) indicates how the number of citations received by the institution publications compares with the average number of citations received by all other similar publications in Scopus. A FWCI of 1.00 indicates that the institution's publications have been cited exactly 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.

## Geographical Collaboration - Overall

Entity: Amity University, Gurugram · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to 13 Nov 2024

International, national and institutional collaboration by at Amity University, Gurugram in the selected year range.



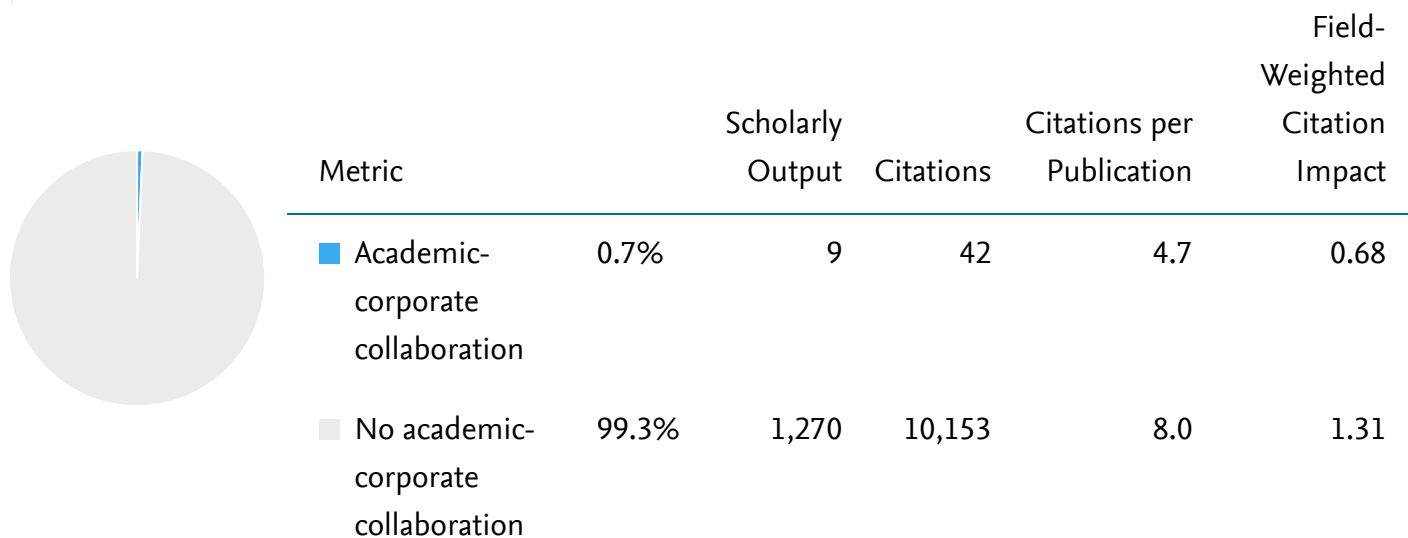
Indicates the extent to which the institution's publications have international, national, or institutional co-authorship, and single authorship. A publication is assigned a single collaboration type.

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

## Academic-Corporate Collaboration

Entity: Amity University, Gurugram · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to 13 Nov 2024

Scholarly Output at Amity University, Gurugram with both academic and corporate author affiliations



Academic-Corporate Collaboration indicates the degree of collaboration between authors with 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 sector assigned to the Institution in SciVal.

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



## Top collaborating Institutions

Entity: Amity University, Gurugram · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to 13 Nov 2024

Institution ↓	Co-authored publications	Citations received for co-authored publications	Co-authors	Field-Weighted Citation Impact
6 University of Delhi	37 ▲	207	54 ▲	1.05
7 NorthCap University	33 ▼	562	23 ▼	1.66
5 Nanjing University of Information Science & Technology	39 ▲	711	9 ▲	2.34
9 King Saud University	26 ▲	356	25 ▼	2.86
2 Jawaharlal Nehru University	70 ▼	573	62 ▼	1.20
4 Indian Institute of Technology Delhi	41 ▼	391	31 ▼	1.12
10 CNRS	25 ▼	157	16 ▼	0.41
8 Chitkara University	29 ▼	344	33 ▼	0.63
3 Chandigarh University	42 ▲	383	26 ▲	1.75
1 Amity University, Noida	403 ▲	3,776	388 ▲	1.54

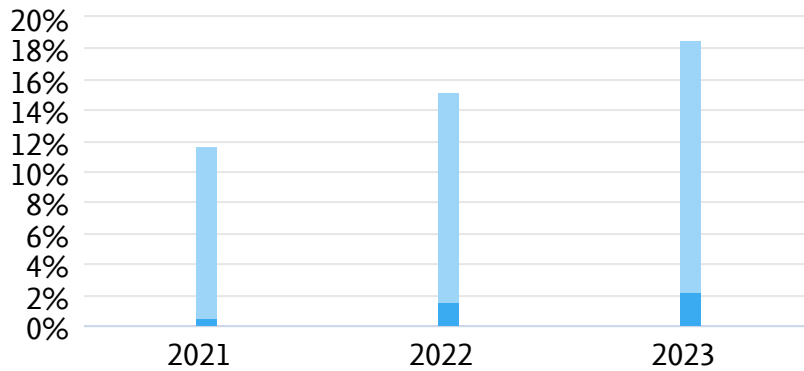
Shows the top institutions that have co-authored scholarly outputs with the institution.

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)

Entity: Amity University, Gurugram · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to 13 Nov 2024

Share of publications at Amity University, Gurugram that are among the most cited publications worldwide **field-weighted**



197 (15.4%)

number of publications in the top 10% most cited publications worldwide

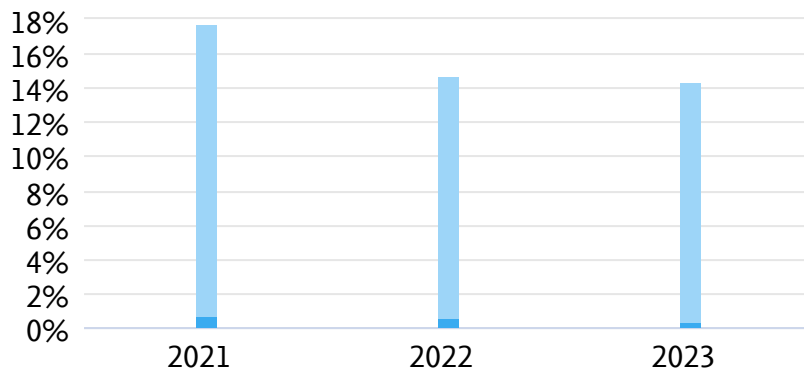
- % publications in top 10% most cited
- % publications in top 1% most cited

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

Entity: Amity University, Gurugram · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to 13 Nov 2024

Share of publications at Amity University, Gurugram that are in the top journals by CiteScore Percentile



**150 (15.6%)**

number of publications in the top 10% journals by CiteScore

- % publications in top 10% journals
- % publications in top 1% journals

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

Entity: Amity University, Gurugram · Within: All subject areas (ASJC) · Year range: 2021 to 2023 · Data source: Scopus, up to 13 Nov 2024

Name	Scholarly Output	Most recent publication	Citations	<i>h</i> -index
1. Thakur, Atul	99	2023	1,768	38
2. Thakur, Preeti	92	2023	1,675	38
3. Hameed, Saif	35	2023	254	20
4. Prasad, Rajendra	35	2023	398	47
5. Thakur, Indu Shekhar	33	2023	236	53
6. Agrawal, Akshat	32	2023	135	6
7. Fatima, Zeeshan	30	2023	181	17
8. Kumar, Kamal	29	2023	403	21
9. Vaya, Dipti	27	2023	611	18
10. Kumar Rao, Gyandshwar Kumar	26	2023	379	31

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.