Scopus Source Overview Report - International Journal of Occupational Safety and Ergonomics

International Journal of Occupational Safety and Ergonomics   2017 to 2022

Scopus Source metrics

Entity: International Journal of Occupational Safety and Ergonomics · Year range: 2017 to 2022 · Data source: Scopus, up to 26 Oct 2022

4.0

CiteScore 2021

0.435

SJR 2021

1.26

SNIP 2021

These metrics give an indication of the impact of the Scopus Source.

Note: Unlike SJR and SNIP, CiteScore is not normalized for subject area differences. Only compare this title against other titles in the same subject area, otherwise use the percentile metrics.

Overall research performance

Entity: International Journal of Occupational Safety and Ergonomics · Year range: 2017 to 2022 · Data source: Scopus, up to 26 Oct 2022

811 ▲

Scholarly Output
12.2% Open Access

2,517 ▲

Authors

0.98

Field-Weighted Citation Impact

3,651

Citation Count

4.5

Citations per Publication

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

Note: for Scopus Sources with a small Scholarly Output, please beware of highly cited publications which may skew the FWCI.

Outputs in Top 10% Citation Percentiles summary

Publications in top 10% most cited worldwide (field-weighted)

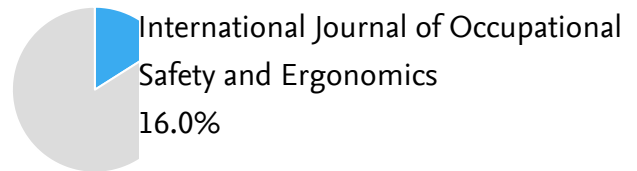International Journal of Occupational Safety and Ergonomics
11.7%
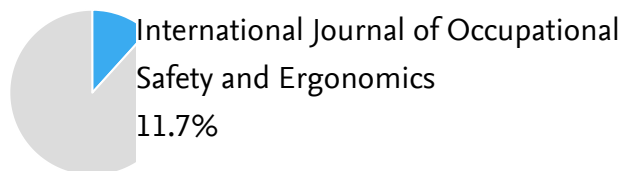
Indicates the extent to which the Scopus Source's publications are present in the top 10% most-cited percentiles within Scopus. This number is then field-weighted to normalize for differences in subject area citation patterns.

International Collaboration summary

Publications co-authored with institutions in other countries/regions

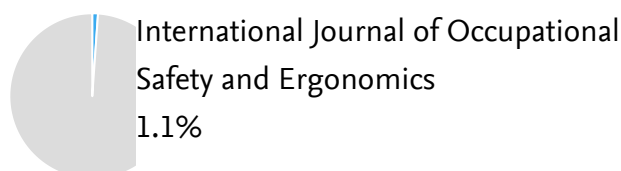International Journal of Occupational Safety and Ergonomics
16.0%

Indicates the extent to which the Scopus Source's publications have international co-authorship. A publication is assigned a single collaboration type.

Academic-Corporate Collaboration summary

Publications with both academic and corporate affiliations

International Journal of Occupational Safety and Ergonomics
1.1%

Indicates to what extent this Scopus Source's publications are co-authored across the academic and corporate, or industrial, sectors.

Citation Count

Entity: International Journal of Occupational Safety and Ergonomics · Year range: 2017 to 2022 · Data source: Scopus, up to 26 Oct 2022
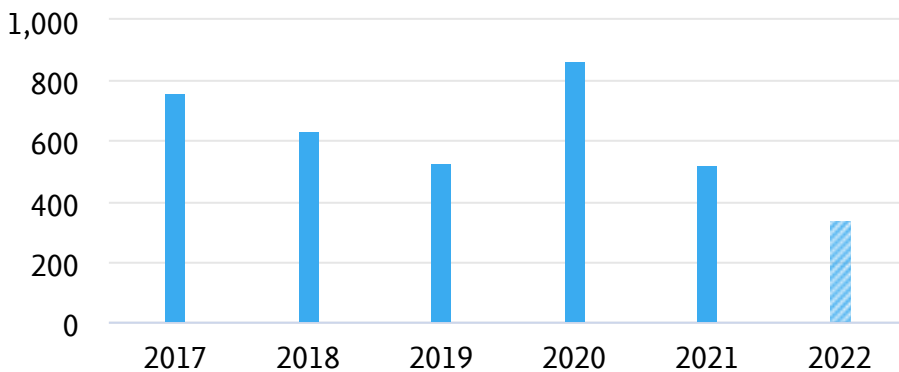

3,651

number of citations received by publications in International Journal of Occupational Safety and Ergonomics
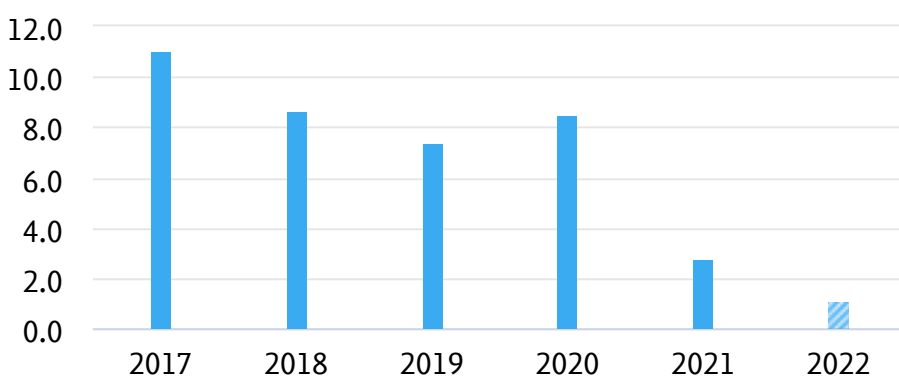
🔲 Incomplete year

Citation count indicates the total citation impact of the Scopus Source: how many citations have these publications received? The years are always the years in which items were published, and do not refer to the years in which citations were received.

Note: some subject areas cite publications more often than others.

Citations per Publication

Entity: International Journal of Occupational Safety and Ergonomics · Year range: 2017 to 2022 · Data source: Scopus, up to 26 Oct 2022
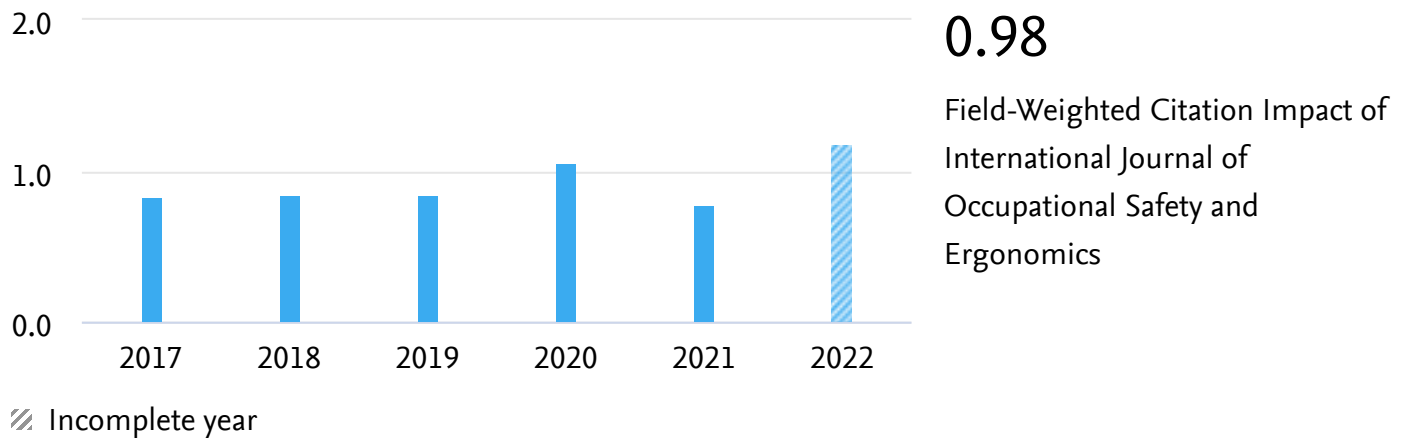

4.5

average number of citations per publication in International Journal of Occupational Safety and Ergonomics

🔲 Incomplete year

Indicates the average citation impact of each of a Scopus Source's publications: how many citations have this Scopus Source's publications received on average? The years are always the years in which items were published, and do not refer to the years in which citations were received.

Field-Weighted Citation Impact

Entity: International Journal of Occupational Safety and Ergonomics · Year range: 2017 to 2022 · Data source: Scopus, up to 26 Oct 2022

0.98

Field-Weighted Citation Impact of International Journal of Occupational Safety and Ergonomics

▨ Incomplete year

Field-Weighted Citation Impact (FWCI) indicates how the number of citations received by the Scopus Source's publications compares with the average number of citations received by all other similar publications in Scopus. A FWCI of 1.00 indicates that the Scopus Source'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 Scopus Sources with a scholarly output less than 1,000, please beware of highly cited publications which may skew the FWCI.

Topic Clusters

Entity: International Journal of Occupational Safety and Ergonomics · Year range: 2017 to 2022 · Data source: Scopus, up to 26 Oct 2022

| Topic Cluster | Within this Scopus Source | | | Worldwide |
	Scholarly Output	Publication Share	Field-Weighted Citation Impact	Prominence percentile
Spine; Patients; Low Back Pain TC.23	180	0.29% ▲	0.95	91.973
Accident Prevention; Accidents; Safety Engineering TC.638	171	1.56% ▲	1.17	69.699
Work; Personality; Psychology TC.29	42	0.06% ▲	1.03	97.993
Exercise; Hot Temperature; Athletes TC.756	38	0.53% ▲	1.10	56.054
Human Engineering; Ergonomics; Automation TC.588	37	0.29% ▲	1.50	68.896
Sleep; Obstructive Sleep Apnea; Sleep Apnea Syndromes TC.78	26	0.05% ▲	1.12	94.247
Obesity; Motor Activity; Child TC.18	17	0.02% ▲	1.06	98.662
Hearing; Hearing Loss; Cochlear Implants TC.66	16	0.05% ▲	0.43	82.609

Topic Clusters

Topic Cluster	Within this Scopus Source			Worldwide
	Scholarly Output	Publication Share	Field-Weighted Citation Impact	Prominence percentile
Vehicles; Accident Prevention; Highway Accidents TC.315	16	0.07% ▲	0.99	81.070
Fabrics; Yarn; Wool TC.497	13	0.22% ▲	0.91	27.224

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. Each Topic is linked to one Topic Cluster, of which there are around 1,500 in SciVal. This table shows the Topic Clusters with the most publications from the Scopus Source. To learn more, search for Topic Prominence in Science in the SciVal Support Hub.
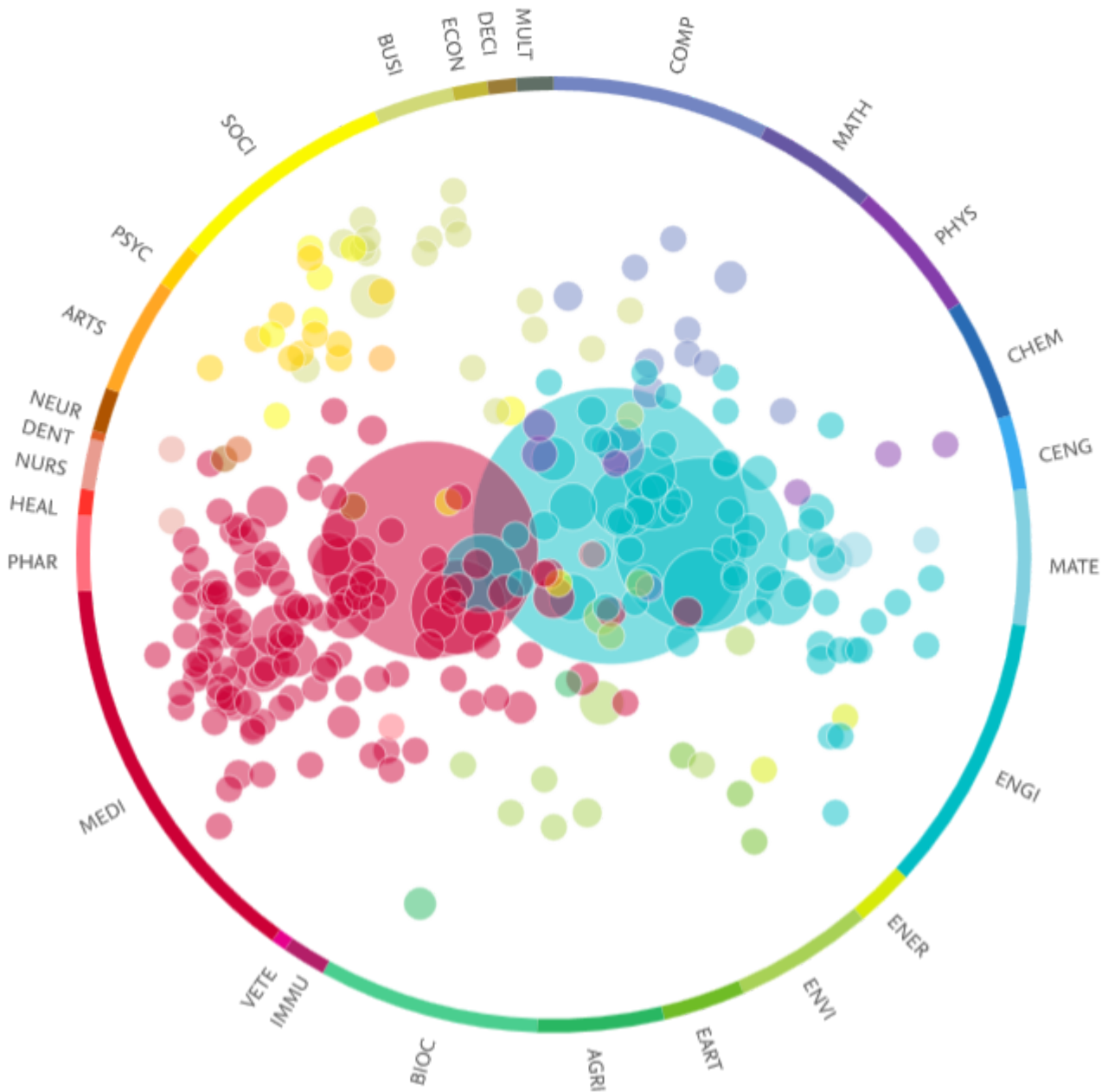
Topics

Bubble size: Scholarly Output of this Scopus Source

Bubble position is based on dominant ASJC categories.

Topics

■	COMP	Computer Science	■	PHAR	Pharmacology, Toxicology and Pharmaceutics
■	MATH	Mathematics			
■	PHYS	Physics and Astronomy	■	HEAL	Health Professions
■	CHEM	Chemistry	■	NURS	Nursing
■	CENG	Chemical Engineering	■	DENT	Dentistry
■	MATE	Materials Science	■	NEUR	Neuroscience
■	ENGI	Engineering	■	ARTS	Arts and Humanities
■	ENER	Energy	■	PSYC	Psychology
■	ENVI	Environmental Science	■	SOCI	Social Sciences
■	EART	Earth and Planetary Sciences	■	BUSI	Business, Management and Accounting
■	AGRI	Agricultural and Biological Sciences			
■	BIOC	Biochemistry, Genetics and Molecular Biology	■	ECON	Economics, Econometrics and Finance
■	IMMU	Immunology and Microbiology	■	DECI	Decision Sciences
■	VETE	Veterinary	■	MULT	Multidisciplinary
■	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 to which the Scopus Source contributes. The larger the bubble size, the more publications contributed by the Scopus Source. To learn more, search for Topic Prominence in Science in the SciVal Support Hub.

Topics

Topic	Within this Scopus Source			Worldwide
	Scholarly Output	Publication Share	Field-Weighted Citation Impact	Prominence percentile
Safety Climate; Accident; Health Management T.2727	89	3.41% ▲	1.48	99.003
Ergonomics; Musculoskeletal Diseases; Computer Workstations T.938	68	4.47% ▲	1.13	96.443
Construction Safety; Occupational Accidents; Accident T.5938	53	2.40% ▲	0.92	99.043
Hot Temperature; Breathing Apparatus; Vests T.10078	25	3.33% ▲	1.10	92.172
Vibration; Tractors (Agricultural); Office Chair T.1697	19	1.32% ▲	1.45	95.100
Biomechanics; Lifting; Materials Handling T.2344	19	2.63% ▲	0.44	94.262
Musculoskeletal Diseases; Posture; Ergonomics T.9004	16	1.61% ▲	1.19	95.849
Nurses; Musculoskeletal Diseases; Low Back Pain T.5313	14	1.56% ▲	0.64	94.038

Topics

Topic	Within this Scopus Source			Worldwide
	Scholarly Output	Publication Share	Field-Weighted Citation Impact	Prominence percentile
Exercise; Sitting Position; Office Workers T.6231	11	0.38% ▲	1.07	99.275
Human Error; Nuclear Power Plants; Ergonomics T.7924	11	0.91% ▲	1.91	95.629

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 the most publications from the Scopus Source. To learn more, search for Topic Prominence in Science in the SciVal Support Hub.

Most cited publications

Publication	Citations	Field-Weighted Citation Impact
Application of fuzzy fault tree analysis based on modified fuzzy AHP and fuzzy TOPSIS for fire and explosion in the process industry. Yazdi, M., Korhan, O., Daneshvar, S. (2020) International Journal of Occupational Safety and Ergonomics, 26 (2), pp. 319-335.	70	7.56
Towards a conceptual framework of OSH risk management in smart working environments based on smart PPE, ambient intelligence and the Internet of Things technologies. Podgórski, D., Majchrzycka, K., Dąbrowska, A. and 2 more (2017) International Journal of Occupational Safety and Ergonomics, 23 (1), pp. 1-20.	64	5.36
Influence of safety motivation and climate on safety behaviour and outcomes: evidence from the Saudi Arabian construction industry. Panuwatwanich, K., Al-Haadir, S., Stewart, R.A. (2017) International Journal of Occupational Safety and Ergonomics, 23 (1), pp. 60-75.	62	3.16

Most cited publications

Publication	Citations	Field-Weighted Citation Impact
Application of Pythagorean fuzzy AHP and VIKOR methods in occupational health and safety risk assessment: the case of a gun and rifle barrel external surface oxidation and colouring unit. Gul, M. (2020) International Journal of Occupational Safety and Ergonomics, 26 (4), pp. 705-718.	52	6.14
Comparisons of ergonomic evaluation tools (ALLA, RULA, REBA and OWAS) for farm work. Kong, Y.-K., Lee, S.-Y., Lee, K.-S. and 1 more (2018) International Journal of Occupational Safety and Ergonomics, 24 (2), pp. 218-223.	50	5.00

Institutions

	Name	Scholarly Output	Authors	Citations
1.	Central Institute for Labour Protection	32 ▲	42 ▲	167
2.	Shiraz University of Medical Sciences	26 ▲	47 ▲	110
3.	Hamedan University of Medical Sciences and Health Services	21 ▲	29 ▼	144
4.	Tehran University of Medical Sciences	20	39 ▼	143
5.	Shahid Beheshti University of Medical Sciences	17 ▲	28 ▲	65
6.	Iran University of Medical Sciences	13 ▲	30 ▲	38
7.	Donghua University	12 ▲	21 ▲	46
8.	Tsinghua University	12 ▲	22 ▲	44
9.	Tabriz University of Medical Sciences	12 ▲	18 ▲	28
10.	Tarbiat Modarres University	12 ▲	16 ▲	110

Institutions publishing research in the Scopus Source, sorted by Scholarly Output.