

Departemen Fisika

Departemen Fisika Filter by publication year range:2022 to 2026

Summary metrics

Entity: Departemen Fisika · Within: All subject areas (ASJC) · Year range: 2022 to 2026 · Data source: Scopus, up to 27 May 2026

224

Scholarly Output 

67.0% Open Access

20 ▼

Researchers

1.15

Field-Weighted Citation Impact



0.71

Field-Weighted
Citation Impact
Median

2,781

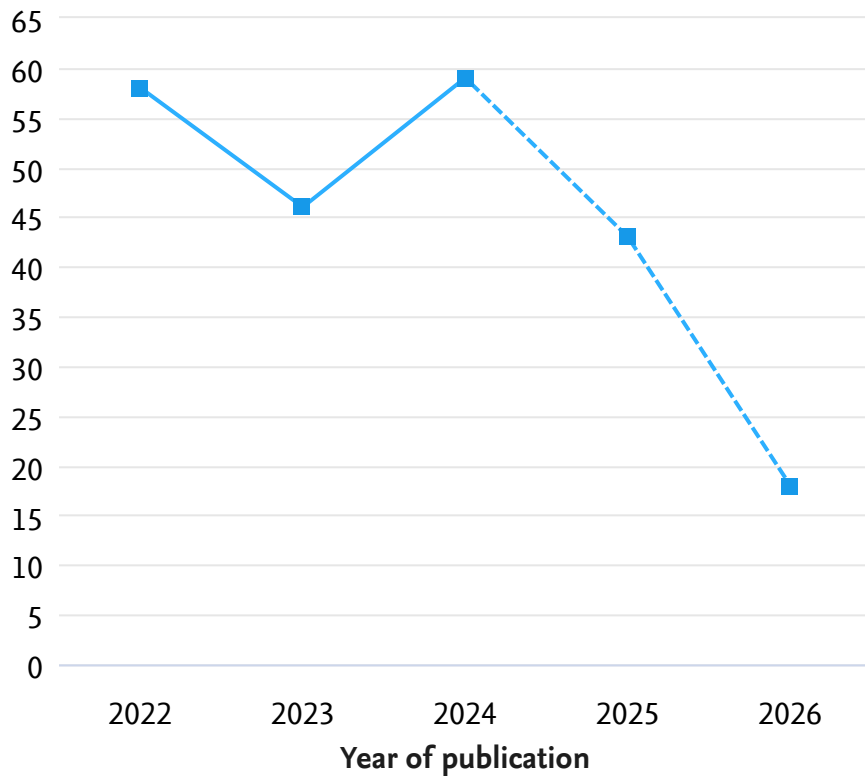
Citation Count 

12.4

Citations per Publication 

Scholarly Output

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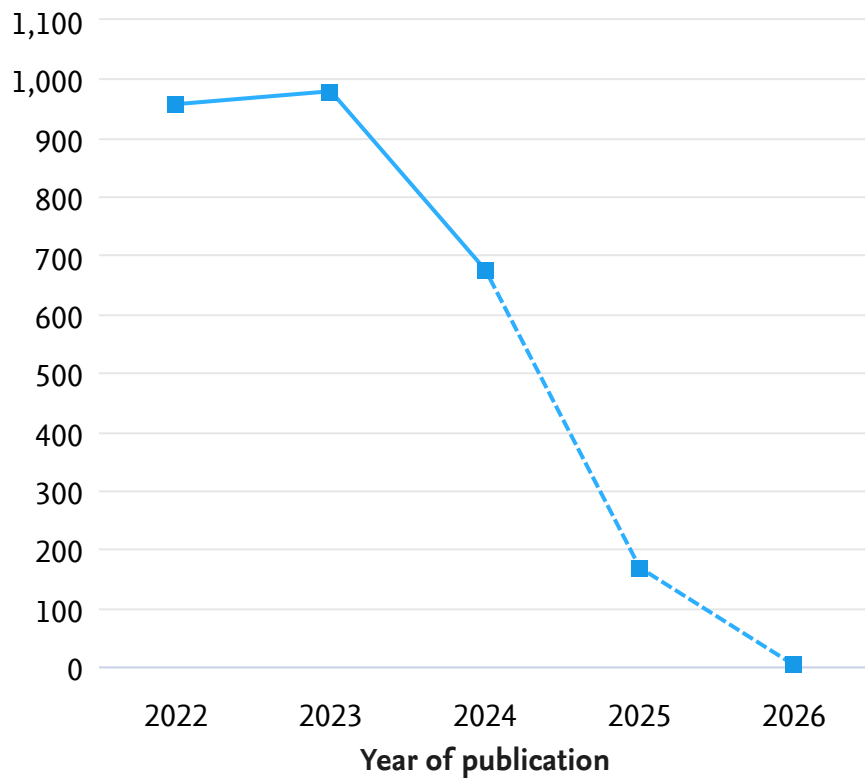
224

number of publications by authors
in Departemen Fisika

▨ Incomplete year

Citation Count

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2,781

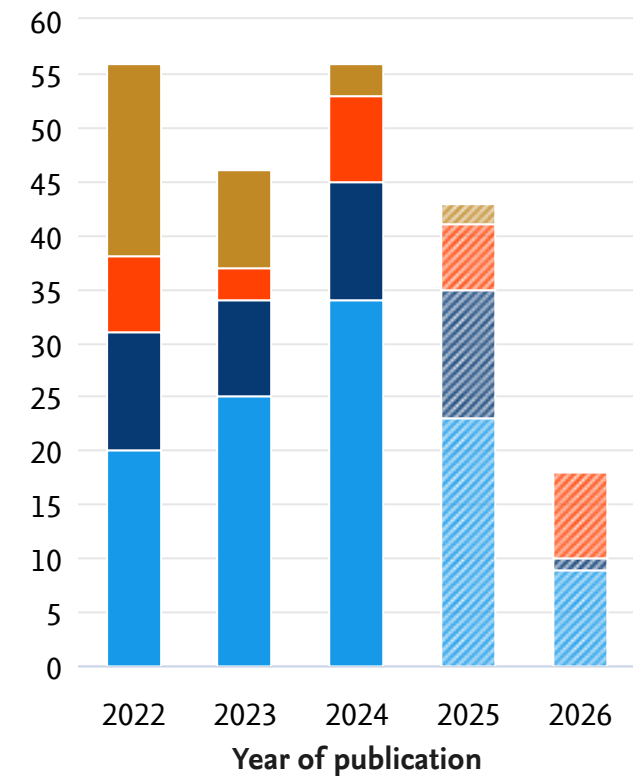
number of citations received by publications in Departemen Fisika

▨ Incomplete year

Publications by Journal quartile

Entity: Departemen Fisika · Within: All subject areas (ASJC) · Year range: 2022 to 2026 · Data source: Scopus, up to 27 May 2026

Share of publications per Journal quartile by CiteScore Percentile



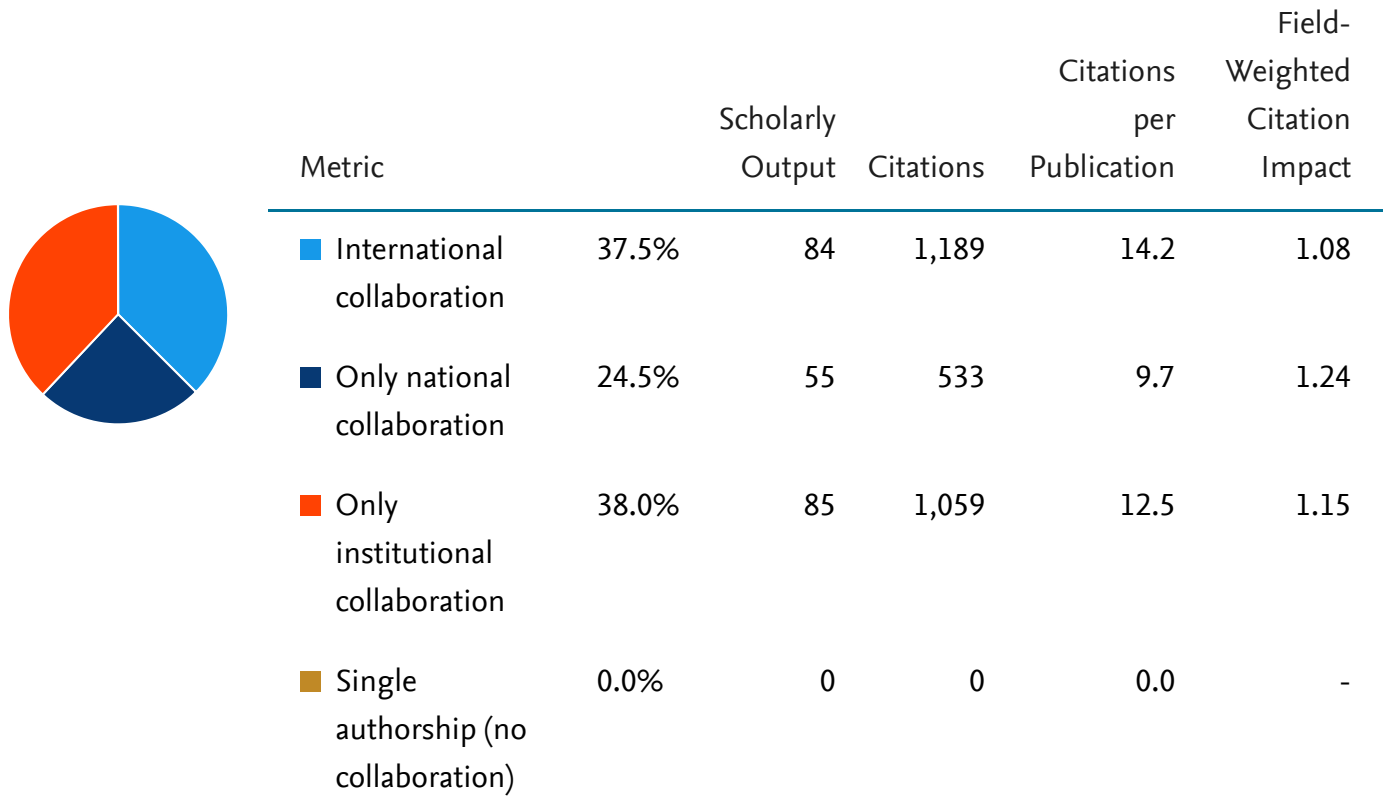
▨ Incomplete year

Quartiles	Publications	Publication share (%)
Q1 (top 25%)	111	50.7
Q2 (26% - 50%)	44	20.1
Q3 (51% - 75%)	32	14.6
Q4 (76% - 100%)	32	14.6
Cumulative shares	Publications	Publication share (%)
Q1 to Q2 (top 50%)	155	70.8
Q1 to Q3 (top 75%)	187	85.4

Geographical Collaboration - Overall

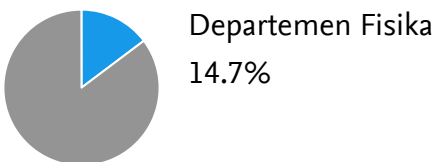
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International, national and institutional collaboration by in Departemen Fisika in the selected year range.



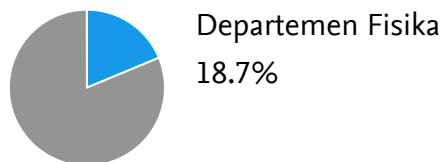
Outputs in Top 10% Citation Percentiles summary

Entity: Departemen Fisika · Within: All subject areas (ASJC) · Year range: 2022 to 2026 · Data source: Scopus, up to 27 May 2026



Publications in Top 10% Journal Percentiles by CiteScore Percentile

Entity: Departemen Fisika · Within: All subject areas (ASJC) · Year range: 2022 to 2026 · Data source: Scopus, up to 27 May 2026



International Collaboration summary

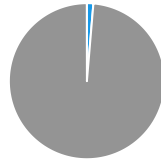
Entity: Departemen Fisika · Within: All subject areas (ASJC) · Year range: 2022 to 2026 · Data source: Scopus, up to 27 May 2026



Departemen Fisika
37.5%

Academic-Corporate Collaboration summary

Entity: Departemen Fisika · Within: All subject areas (ASJC) · Year range: 2022 to 2026 · Data source: Scopus, up to 27 May 2026



Departemen Fisika
1.3%

Publications with Highest FWCI

Entity: Departemen Fisika · Within: All subject areas (ASJC) · Year range: 2022 to 2026 · Data source: Scopus, up to 27 May 2026









Publication	Citations	Field-Weighted Citation Impact
How to Read and Determine the Specific Surface Area of Inorganic Materials using the Brunauer-Emmett-Teller (BET) Method. Irwansyah, F.S., Amal, A.I., Diyanthi, E.W. and 4 more (2024) ASEAN Journal of Science and Engineering, 4 (1), pp. 61-70.	59	8.77
Heterophase Polymorph of TiO ₂ (Anatase, Rutile, Brookite, TiO ₂ (B)) for Efficient Photocatalyst: Fabrication and Activity. Eddy, D.R., Permana, M.D., Sakti, L.K. and 6 more (2023) Nanomaterials, 13 (4).	345	8.34
Monoclonal antibody as a targeting mediator for nanoparticle targeted delivery system for lung cancer. Wathoni, N., Puluhulawa, L.E., Joni, I.M. and 5 more (2022) Drug Delivery, 29 (1), pp. 2959-2970.	83	6.39

Publications with Highest FWCI



Publication	Citations	Field-Weighted Citation Impact
<p>Overall water splitting realized by overall sputtering thin-film technology for a bifunctional MoNiFe electrode: A green technology for green hydrogen.</p> <p>Gultom, N.S., Chen, T.-S., Silitonga, M.Z. and 1 more (2023) Applied Catalysis B: Environmental, 322.</p>	95	6.22
<p>Gold nanoparticle-modified screen-printed carbon electrodes for label-free detection of SARS-CoV-2 RNA using drop casting and spray coating methods.</p> <p>Zakiyyah, S.N., Satriana, N.P., Fransisca, N. and 4 more (2025) ADMET and DMPK, 13 (1).</p>	9	5.45

Topic Clusters

Entity: Departemen Fisika · Within: All subject areas (ASJC) · Year range: 2022 to 2026 · Data source: Scopus, up to 27 May 2026 · Filters: Top 10 Topic Clusters by Scholarly Output

Topic Cluster	By this Group of Researchers		Worldwide
	Scholarly Output	Field-Weighted Citation Impact	Prominence percentile
Innovative Electrocatalysts for Energy Conversion Applications TC.242	17	1.86	99.869 
Superconductivity and Magnetic Interactions in Cuprates TC.826	17	0.40	15.435 
Carbon Quantum Dots and Organic Light Emitting Devices TC.84	12	1.54	97.580 
Perovskite and Dye-Sensitized Solar Cell Innovations TC.73	11	1.61	99.477 
Visual Perception and Surgical Innovations in Ophthalmology TC.115	10	0.65	67.430 
Zinc Oxide Nanostructures and Applications TC.38	9	1.11	89.863 
Photocatalytic Innovations in Carbon Dioxide Reduction TC.240	8	1.54	99.804 
Multifunctional Nanoparticles in Cancer Treatment TC.129	6	2.06	98.561 

Topic Clusters

Topic Cluster	By this Group of Researchers		Worldwide
	Scholarly Output	Field-Weighted Citation Impact	Prominence percentile
Graphene-Based Nanocomposites for Enhanced Properties TC.653	6	0.59	93.460 
Chitosan Applications in Health and Food Packaging TC.881	6	2.13	93.656 

Researchers

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	Name	Scholarly Output	Most recent publication	Citations	<i>h</i> -index
1.	Joni, I. Made	55	2025	1,015	31
2.	Risdiana, Risdiana	48	2025	310	18
3.	Gultom, Noto Susanto	48	2026	783	28
4.	Panatarani, Camellia	42	2026	495	24
5.	Faizal, Ferry	33	2026	240	11
6.	Saragi, T.	16	2025	53	10
7.	Bahtiar, Ayi	16	2026	141	13
8.	Fitrilawati, Fitri	15	2025	65	13
9.	Setianto, Setianto	14	2026	115	9
10.	Aprilia, Annisa Annisa	13	2026	50	8
11.	Safriani, Lusi	12	2025	41	9
12.	Hidayat, Sahrul	12	2026	399	9
13.	Syakir, Norman	9	2025	47	10
14.	Adiperdana, Budi	8	2026	35	7
15.	Riveli, Nowo	6	2026	33	18
16.	Nurhilal, Otong	4	2025	29	7
17.	Men, Liu Kin	2	2026	44	3
18.	Maulana, Dwindra Wilham	2	2025	1	3
19.	Mulyana, Cukup	1	2023	12	5
20.	Abdurrochman, Andri	1	2024	0	4