

Departemen Matematika

Departemen Matematika

Filter by publication year range:2020 to 2024

Overall research performance

Entity: Departemen Matematika · Within: All subject areas (ASJC) · Year range: 2020 to 2024 · Data source: Scopus, up to 13 Mar 2024

353

Scholarly Output 

64.6% Open Access

27 ▼

Researchers

13.07

Scholarly Output per Researches



1,222

Citation Count 

3.5

Citations per Publication 

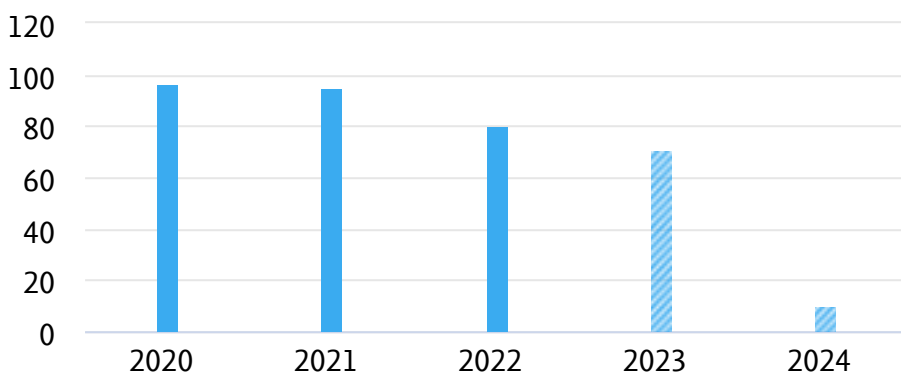
0.89

Field-Weighted Citation Impact



Scholarly Output

Entity: Departemen Matematika · Within: All subject areas (ASJC) · Year range: 2020 to 2024 · Data source: Scopus, up to 13 Mar 2024



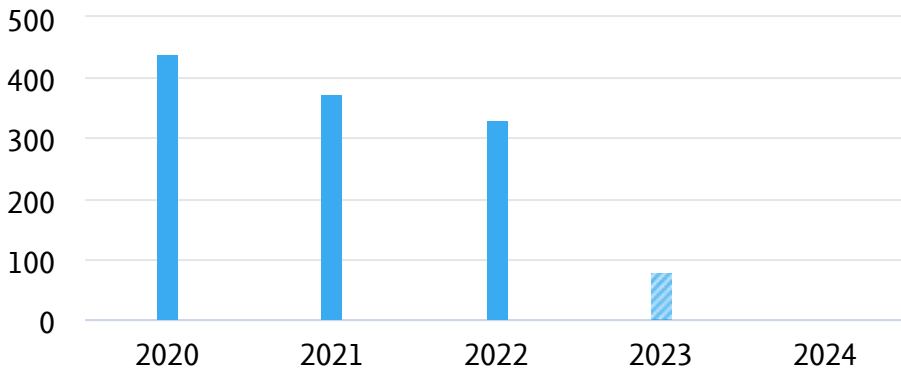
 Incomplete year

353

number of publications by authors
in Departemen Matematika

Citation Count

Entity: Departemen Matematika · Within: All subject areas (ASJC) · Year range: 2020 to 2024 · Data source: Scopus, up to 13 Mar 2024



1,222

number of citations received by publications in Departemen Matematika

▨ Incomplete year

Outputs in Top 10% Citation Percentiles summary

Entity: Departemen Matematika · Within: All subject areas (ASJC) · Year range: 2020 to 2024 · Data source: Scopus, up to 13 Mar 2024

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



Departemen Matematika
9.1%

Publications in Top 10% Journal Percentiles by CiteScore Percentile

Entity: Departemen Matematika · Within: All subject areas (ASJC) · Year range: 2020 to 2024 · Data source: Scopus, up to 13 Mar 2024

Publications in top 10% journals by CiteScore Percentile



Departemen Matematika
3.8%

International Collaboration summary

Entity: Departemen Matematika · Within: All subject areas (ASJC) · Year range: 2020 to 2024 · Data source: Scopus, up to 13 Mar 2024

Publications co-authored with researchers in other countries/regions



Departemen Matematika
46.2%

Academic-Corporate Collaboration summary

Entity: Departemen Matematika · Within: All subject areas (ASJC) · Year range: 2020 to 2024 · Data source: Scopus, up to 13 Mar 2024

Publications with both academic and corporate affiliations

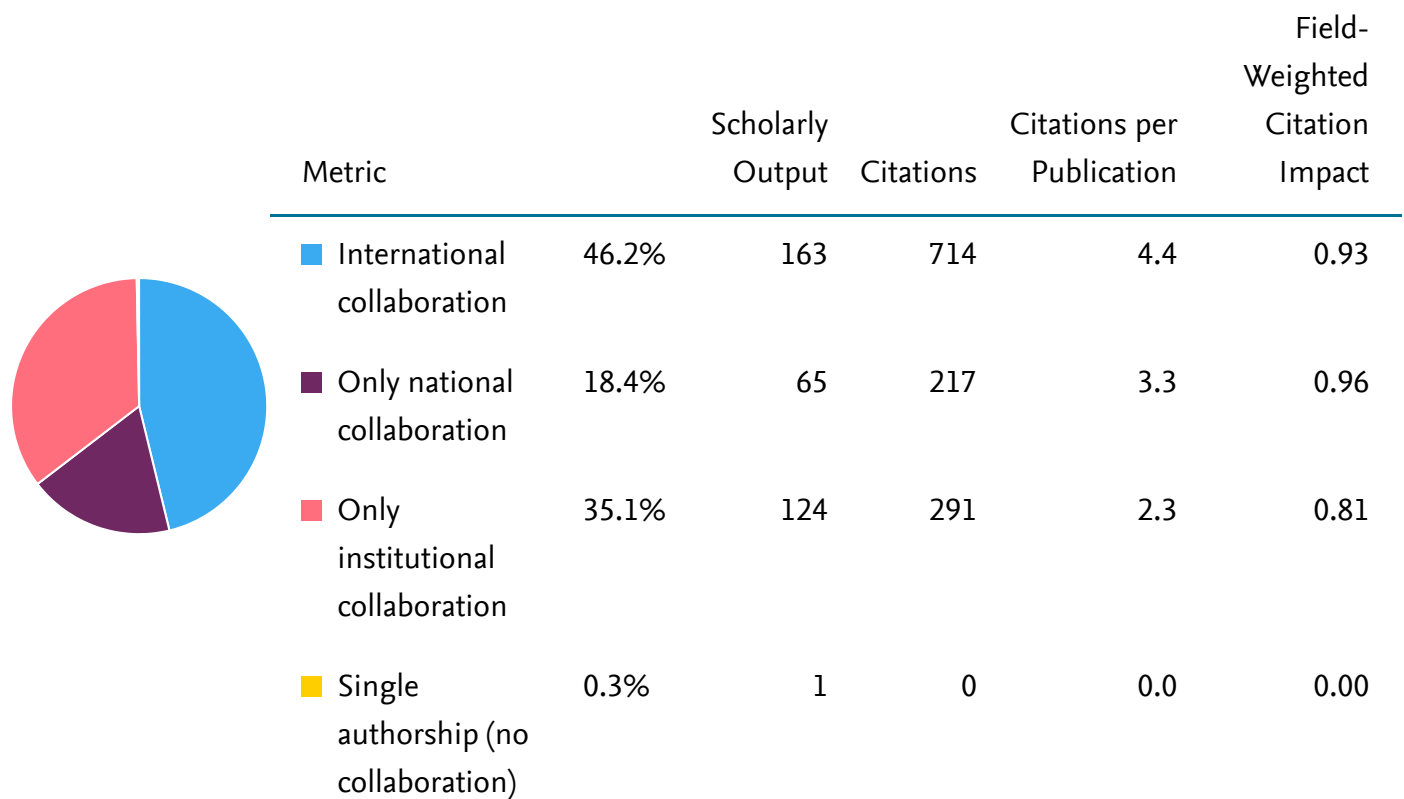


Departemen Matematika
0.3%

Collaboration

Entity: Departemen Matematika · Within: All subject areas (ASJC) · Year range: 2020 to 2024 · Data source: Scopus, up to 13 Mar 2024

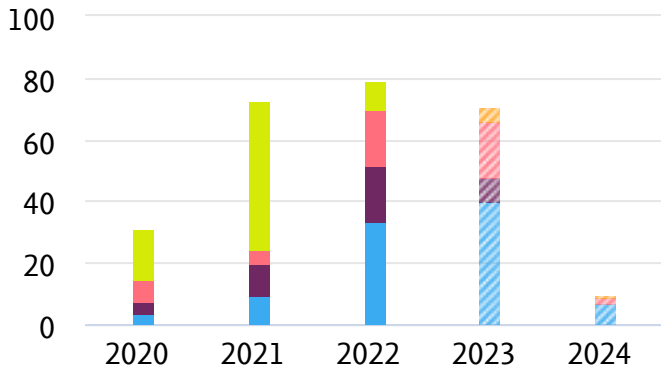
International, national and institutional collaboration by in Departemen Matematika in the selected year range.



Publications by Journal quartile

Entity: Departemen Matematika · Within: All subject areas (ASJC) · Year range: 2020 to 2024 · Data source: Scopus, up to 13 Mar 2024

Share of publications per Journal quartile by CiteScore Percentile











▨ Incomplete year



Quartiles	Publications	Publication share (%)
Q1 (top 25%)	95	36.0
Q2 (26% - 50%)	40	15.2
Q3 (51% - 75%)	50	18.9
Q4 (76% - 100%)	79	29.9
Cumulative shares	Publications	Publication share (%)
Q1 to Q2 (top 50%)	135	51.1
Q1 to Q3 (top 75%)	185	70.1

Topics

Entity: Departemen Matematika · Within: All subject areas (ASJC) · Year range: 2020 to 2024 · Data source: Scopus, up to 13 Mar 2024

Topic	By this Group of Researchers		Worldwide
	Scholarly Output	Field-Weighted Citation Impact	Prominence percentile
ARIMA; Mathematical Modeling; COVID-19 T.1102558	16	1.05	99.975 
Hyperchaotic System; Attractor; Phase Portrait T.3104	13	1.98	98.648 
Unconstrained Optimization; Conjugate Gradient Method; Global Convergence T.3435	12	2.14	94.965 
Epidemic Model; Nonlinear Incidence Rate; Vaccination T.1156	10	1.06	98.980 
Homotopy Perturbation Method; Fractional; Asymptotic Methods T.2115	9	1.13	99.009 
Portfolio Selection; Financial Data Processing; Semivariance T.5557	9	0.38	94.774 
Fractional-Order System; Chaotic Dynamics; Memristors T.6521	9	1.37	98.124 
Flood Risk; Flood Risk Management; Community Rating T.13602	9	1.38	96.549 

Topics

Topic	By this Group of Researchers		Worldwide
	Scholarly Output	Field-Weighted Citation Impact	Prominence percentile
Catastrophe Bonds; Costs And Cost Analysis; Interest Rate Models T.37103	9	1.85	76.937 
Bilinear Model; Java; Time Series Models T.45976	8	0.39	57.794 

Researchers

Entity: Departemen Matematika · Within: All subject areas (ASJC) · Year range: 2020 to 2024 · Data source: Scopus, up to 13 Mar 2024

Name	Scholarly Output	Most recent publication	Citations	<i>h</i> -index
1. Sukono, Undefined	149	2024	604	15
2. Supriatna, Asep K.	59	2023	156	14
3. Ruchjana, Budi Nurani	58	2024	116	9
4. Anggriani, Nursanti	42	2024	174	12
5. Rusyaman, Endang	28	2023	69	6
6. Chaerani, Diah	28	2024	136	6
7. Johansyah, Muhamad Deni	28	2024	151	7
8. Supian, Sudradjat	27	2023	83	12
9. Napitupulu, Herlina	24	2024	62	9
10. Riaman, Undefined	21	2023	38	4
11. Carnia, Ema	12	2023	13	4
12. Purwani, Sri	8	2024	13	4
13. Hertini, Elis	8	2023	7	3
14. Nahar, Julita	7	2022	8	4
15. Firdaniza, Undefined	6	2023	17	2
16. Subartini, Betty	6	2022	13	5
17. Parmikanti, Kankan	5	2022	12	3
18. Hasbullah, Endang Soeryana	5	2021	8	4
19. Triska, Anita	5	2024	5	1

Researchers

Name	Scholarly Output	Most recent publication	Citations	<i>h</i> -index
20. Susanti, Dwi Rahayu	4	2023	2	3
21. Suyudi, Mochamad	3	2021	2	4
22. Kartiwa, Alit	3	2023	2	2
23. Kusuma, Dianne Amor	3	2021	2	2
24. Kurniadi, Edi	3	2021	0	1
25. Sylviani, Sisilia	2	2022	0	1
26. Djauhari, Eddy	2	2023	0	3
27. Gusriani, Nurul	1	2022	3	3