



Entity list

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# El Shorouk Academy ☆

Report from template

اكاديمية الشروق

Institution | Egypt | More details on this Institution

2019 to 2025

All subject areas

ASJC

Data sources

## Summary

## Summary

+ Add Summary to Reporting Export

### Bibliometrics

### Summary metrics

+ Add to Reporting

- Publication metrics
- Citation metrics
- Views metrics
- Journal quartiles

508▲  
Scholarly Output ⓘ  
48.2% All Open Access  
View list of publications

162▲  
Authors  
Download full list of authors

2.56  
Field-Weighted Citation Impact ⓘ  
Yearly breakdown

### Contribution

- Authors
- Scopus Sources

4,764  
Citation Count ⓘ

9.4  
Citations per Publication ⓘ

21  
h5-index ⓘ

### Research Fields

- Topics
- Subject Areas
- SDGs

### Publication share by Subject Area

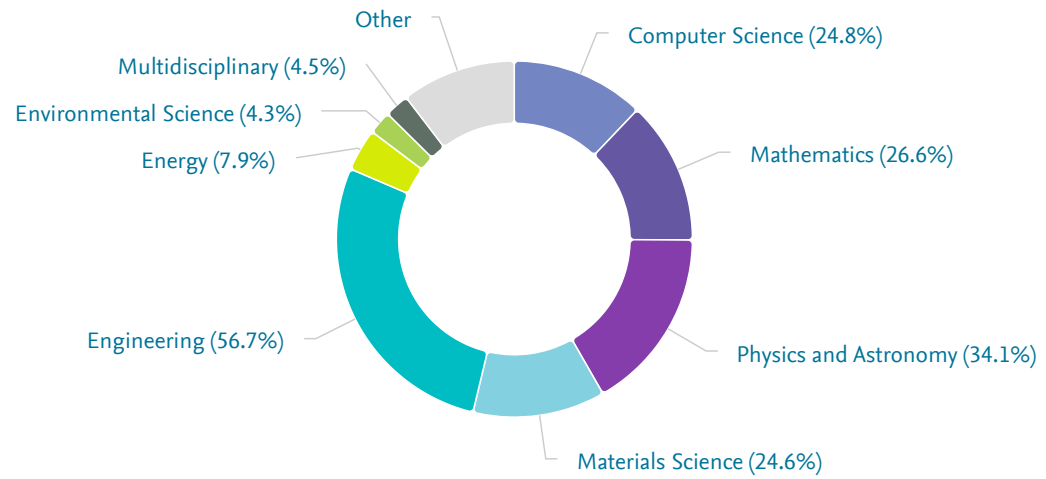
+ Add to Reporting

Donut Chart

Segment size represents relative publication share per Subject Area. Note that a publication can be mapped to multiple Subject Areas. Learn more

### Collaboration

- Collaboration metrics
- Geographical collaboration
- Sector collaboration
- Current collaborators
- Potential collaborators



[> Analyze in more detail](#)

## Research Topics <sup>①</sup>

[① Metric guidance](#) [+ Add to Reporting](#)

Topic Clusters  Topics

Top 5 Topic Clusters, by Scholarly Output

Topic Cluster	At this Institution			Worldwide
	Scholarly Output	Publication Share	Field-Weighted Citation Impact	Prominence percentile
Soliton Solution; Schrödinger Equation; Nonlinear Optics TC.551	186	1.07% ▲	4.61	83.192
Fractional Calculus; Differential Equation; Boundary Value Problems TC.88	37	0.11% ▲	1.50	87.835
Vibration Analysis; Finite Element Method; Piezoelectricity TC.568	18	0.09% ▲	0.77	91.629
Image Segmentation; Deep Neural Network; Object Detection TC.0	16	0.00% ▲	1.68	100.000
Antenna; Orthogonal Frequency Division Multiplexing; Multiple-Input Multiple-Output TC.3	13	0.02% ▼	1.54	96.991

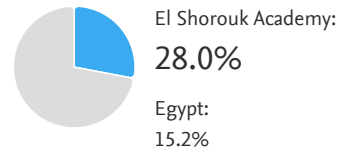
[> Analyze all Topic Clusters at this Institution](#)

## Performance indicators

### Outputs in Top 10% Citation Percentiles ⓘ

+ Add to Reporting

Show as field-weighted

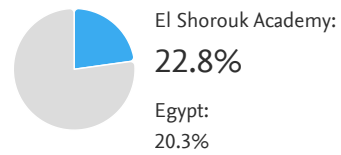


> Analyze in more detail

### Publications in Top 10% Journal Percentiles ⓘ

+ Add to Reporting

by CiteScore Percentile



> Analyze in more detail

### International Collaboration ⓘ

+ Add to Reporting



> Analyze in more detail

### Academic-Corporate Collaboration ⓘ

+ Add to Reporting



## Publications with Highest FWCI

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Top 5 publications at El Shorouk Academy, by FWCI

Publication	Citations	Field-Weighted Citation Impact
<p>Investigating solitary wave solutions with enhanced algebraic method for new extended Sakovich equations in fluid dynamics.</p> <p>Arnous, A.H., Hashemi, M.S., Nisar, K.S. and 7 more (2024) Results in Physics, 57. <a href="#">View in Scopus ↗</a></p>	31	41.4
<p>Stochastic Perturbation of Optical Solitons for the Concatenation Model with Power-Law of Self-Phase Modulation Having Multiplicative White Noise.</p> <p>Arnous, A.H., Biswas, A., Yildirim, Y. and 1 more (2024) Contemporary Mathematics (Singapore), 5 (1), pp. 566-588. <a href="#">View in Scopus ↗</a></p>	12	33.47
<p>Analytical soliton solutions for cubic-quartic perturbations of the Lakshmanan-Porsezian-Daniel equation using the modified extended tanh function method.</p> <p>Hussein, H.H., Ahmed, H.M., Alexan, W. (2024) Ain Shams Engineering Journal, 15 (3). <a href="#">View in Scopus ↗</a></p>	20	28.04
<p>Optical solitons and conservation laws for the concatenation model: Power-law nonlinearity.</p> <p>Arnous, A.H., Biswas, A., Kara, A.H. and 5 more (2024) Ain Shams Engineering Journal, 15 (2). <a href="#">View in Scopus ↗</a></p>	28	26.64
<p>Soliton Solutions and Other Solutions to the (4+1)-Dimensional Davey-Stewartson-Kadomtsev-Petviashvili Equation using Modified Extended Mapping Method.</p> <p>Rabie, W.B., Khalil, T.A., Badra, N. and 3 more (2024) Qualitative Theory of Dynamical Systems, 23 (2).</p>	9	25.38

[View in Scopus ↗](#)

## Quick links

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