

# National Institute of Technology Calicut

India | [More details on this Institution](#)

2011 to >2016 ▼ no subject area filter selected ▼ ASJC

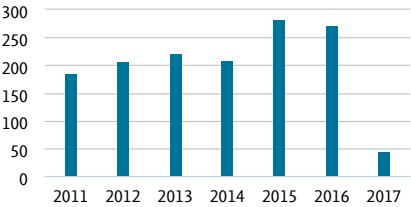
[Data sources](#)

Summary   **Awarded Grants**   Collaboration   **Published**   Viewed   Cited   Economic Impact   Societal Impact   Authors   Competencies

Overall   **by Subject Area**   by Scopus Source

## Scholarly Output

[Export](#) ▲   [Shortcuts](#) ▼



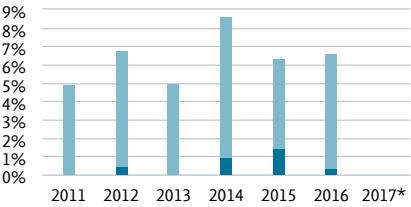
**1,419**  
number of publications by authors at the National Institute of Technology Calicut  
[View list of publications](#)

## Outputs in Top Citation Percentiles

[Export](#) ▼   [Shortcuts](#) ▼

Share of publications at the National Institute of Technology Calicut that are among the most cited publications worldwide

☐ Show as field-weighted

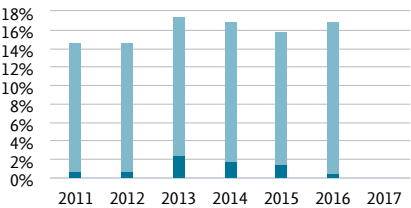


**88 (6.4%)**  
number of publications in the top 10% most cited publications worldwide  
[View list of publications](#)  
[\\* Why do I see no data for this year? ↗](#)

## Publications in Top Journal Percentiles

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Share of publications at the National Institute of Technology Calicut that are in the top journals by [CiteScore Percentile](#) ▼



**162 (16.2%)**  
number of publications in the top 10% journals by CiteScore  
[View list of publications](#)

## Most cited publications

Top 5 publications at the National Institute of Technology Calicut, by number of citations

| Publication   | Citations |
|---|-----------|
| Applications of artificial neural networks for refrigeration, air-conditioning and heat pump systems - A review.<br><a href="#">Mohanraj, M., Jayaraj, S., Muraleedharan, C.</a><br>(2012) Renewable and Sustainable Energy Reviews, 16 (2), pp. 1340-1358.<br><a href="#">View in Scopus</a> ↗ | 98        |
| Relevance of isotherm models in biosorption of pollutants by agricultural byproducts.<br><a href="#">Rangabhashiyam, S., Anu, N., Giri Nandagopal, M.S. and 1 more</a><br>(2014) Journal of Environmental Chemical Engineering, 2 (1), pp. 398-414.<br><a href="#">View in Scopus</a> ↗         | 64        |
| Simulation modeling and analysis of due-date assignment methods and scheduling  | 55        |

decision rules in a dynamic job shop production system.

[Vinod, V., Sridharan, R.](#)

(2011) *International Journal of Production Economics*, 129 (1), pp. 127-146.

[View in Scopus ↗](#)

Sequestration of dye from textile industry wastewater using agricultural waste products as adsorbents.

50

[Rangabhashiyam, S., Anu, N., Selvaraju, N.](#)

(2013) *Journal of Environmental Chemical Engineering*, 1 (4), pp. 629-641.

[View in Scopus ↗](#)

Classification of MRI brain images using combined wavelet entropy based spider web plots and probabilistic neural network.

48

[Saritha, M., Paul Joseph, K., Mathew, A.T.](#)

(2013) *Pattern Recognition Letters*, 34 (16), pp. 2151-2156.

[View in Scopus ↗](#)

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