

National Institute of Technology Agartala

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

2011 to >2016



no subject area filter selected



ASJC

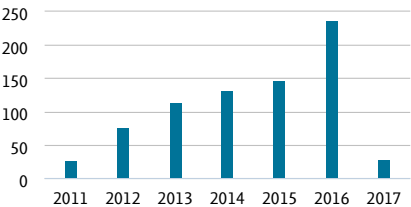
[Data sources](#)

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

Overall by Subject Area by Scopus Source

Scholarly Output

[Export](#) [Shortcuts](#)



763

number of publications by authors at the National Institute of Technology Agartala

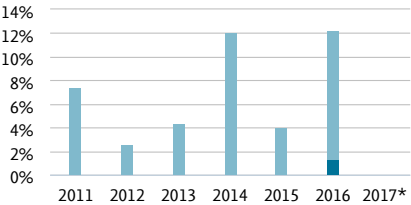
[View list of publications](#)

Outputs in Top Citation Percentiles

[Export](#) [Shortcuts](#)

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

☐ Show as field-weighted



60 (8.2%)

number of publications in the top 10% most cited publications worldwide

[View list of publications](#)

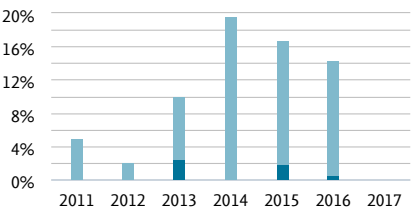
* [Why do I see no data for this year?](#)

% of publications in top 10% most cited
% of publications in top 1% most cited

Publications in Top Journal Percentiles

[Export](#) [Shortcuts](#)

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



76 (13.7%)

number of publications in the top 10% journals by CiteScore

[View list of publications](#)

% of publications in top 10% journals
% of publications in top 1% journals

Most cited publications

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

Publication Citations

Rapid detection of bacteria by carbon quantum dots. 42

[Mandal, T.K.](#), [Parvin, N.](#)

(2011) Journal of Biomedical Nanotechnology, 7 (6), pp. 846-848.

[View in Scopus](#)

An experimental investigation of performance-emission trade off of a CI engine fueled by 33

diesel-compressed natural gas (CNG) combination and diesel-ethanol blends with CNG enrichment.

[Paul, A.](#), [Bose, P.K.](#), [Panua, R.S.](#) and 1 more

(2013) Energy, 55 (), pp. 787-802.

[View in Scopus](#)

An experimental investigation on the role of hydrogen in the emission reduction and performance trade-off studies in an existing diesel engine operating in dual fuel mode under exhaust gas recirculation.

28

Kumar Bose, P., Banerjee, R.

(2012) Journal of Energy Resources Technology, Transactions of the ASME, 134 (1), pp. .

[View in Scopus ↗](#)

Ultraviolet detection using TiO₂ nanowire array with Ag Schottky contact.

28

Chinnamuthu, P., Dhar, J.C., Mondal, A. and 2 more

(2012) Journal of Physics D: Applied Physics, 45 (13), pp. .

[View in Scopus ↗](#)

All-optical pseudorandom binary sequence generator with TOAD-based D flip-flops.

25

Zoiros, K.E., Das, M.K., Gayen, D.K. and 3 more

(2011) Optics Communications, 284 (19), pp. 4297-4306.

[View in Scopus ↗](#)

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