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The screenshot shows the Scientific.Net website interface. At the top, there are navigation links: DISTRIBUTION & ACCESS, FOR PUBLICATION, DOCU CENTER, ABOUT US, and CONTACT US. A search bar is located below these links. The main content area features a sidebar with categories like Journals and Books, and a list of journals including Applied Mechanics and Materials. The main article page for Applied Mechanics and Materials is displayed, showing the ISSN: 1662-7482, a volume selection interface, and a description of the journal's content.

<https://www.scimagojr.com/journalsearch.php?q=4700151914&tip=sid>

The screenshot shows the Scimago Journal & Country Rank website. The page displays the journal title "Applied Mechanics and Materials" and a notice that it was discontinued in Scopus as of 2014. The website includes a search bar, navigation links, and a footer with a cookie consent message.

Applied Mechanics and Materials

discontinued in Scopus as of 2014

Country Switzerland - IIII SIR Ranking of Switzerland

Subject Area and Category Engineering
Engineering (miscellaneous)

Publisher Trans Tech Publications

Publication type Book Series

ISSN 16609336

Coverage 2005-2015

29

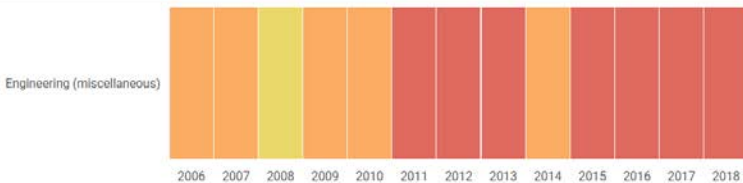
H Index

Scope "Applied Mechanics and Materials" is a peer-reviewed journal which specializes in the publication of proceedings of international scientific conferences, workshops and symposia as well as special volumes on topics of contemporary interest in all areas which are related to: 1) Research and design of mechanical systems, machines and mechanisms; 2) Materials engineering and technologies for manufacturing and processing; 3) Systems of automation and control in the areas of industrial production; 4) Advanced branches of mechanical engineering such as mechatronics, computer engineering and robotics. "Applied Mechanics and Materials" publishes only complete volumes on given topics, proceedings and complete special topic volumes. We do not publish stand-alone papers by individual authors.

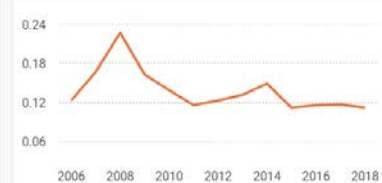
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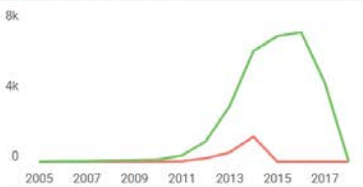
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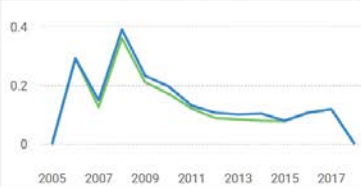
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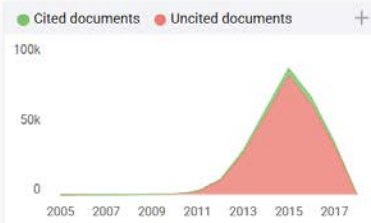
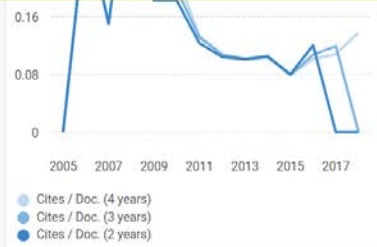
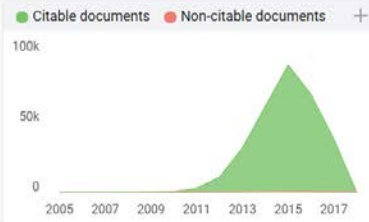
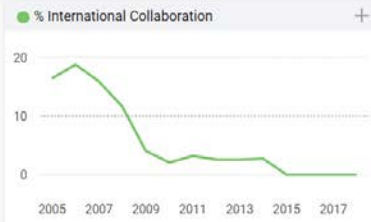
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SJR 2019 0

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1. <https://www.scientific.net/AMM.679.241>

The screenshot displays the Scientific.Net website interface. At the top, there are navigation links for 'DISTRIBUTION & ACCESS', 'FOR PUBLICATION', 'DOCU CENTER', 'ABOUT US', and 'CONTACT US'. A search bar is located below these links. The main content area features a list of paper titles on the left and a detailed view of a selected paper on the right. The selected paper is 'Comparison Induced Voltage between 0.35 mm and 0.50 mm Thicknesses 3% SiFe (NG) with Different Frequency'. The abstract of this paper is visible, describing an experiment to measure induced voltage between two thicknesses (0.35 mm and 0.50 mm) of 3% SiFe (NG) at different frequencies (45 Hz, 50 Hz, and 60 Hz) using a Single Sheet Tester (SST). The abstract notes that the search coil voltage L1N1 is higher than L2N2 for both thicknesses and frequencies, and that the 3rd order harmonic factor for 0.35 mm is lower than for 0.50 mm. The paper's metadata, including the journal name 'Applied Mechanics and Materials (Volume 679)', authors 'Dina Maizana, Y. Yanawati, A. Nazifah', and price '36,00 €', is also shown. Social media sharing options for Facebook, Twitter, and LinkedIn are present on the right side of the paper details.

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Publisher in Materials Science & Engineering

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- Framework for Renewable Energy Technology Evaluation p.237
- Comparison Induced Voltage between 0.35 mm and 0.50 mm Thicknesses 3% SiFe (NG) with Different Frequency p.241**
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Comparison Induced Voltage between 0.35 mm and 0.50 mm Thicknesses 3% SiFe (NG) with Different Frequency

846 7

Abstract:

– This paper presents the comparison induced voltage between 0.35 mm and 0.50 mm thicknesses 3% SiFe (NG) with different frequency which are 45 Hz, 50 Hz and 60 Hz by using Single Sheet Tester (SST). This experiment used to measure the search coil voltage L1N1 and L2N2 at two positions (1st position and 2nd position) and harmonic content. The analysis shows, at different frequency for both thicknesses, the value of search coil voltage L1N1 is higher than the search coil voltage L2N2 for both positions. It shows the easy direction is single sheet tester direction at the 1st position for 0.35 mm and 0.50 mm thickness with different frequency. For harmonic content, at 0.6 T with different frequency for both thicknesses, the 3rd order harmonic factor of 0.35 mm is lower than 0.50 mm thickness 3% SiFe (NG). It is because the higher losses can increase the harmonic of the materials. It means that harmonic is affected by ingredient and thicknesses in core material.

Info:

Periodical: **Applied Mechanics and Materials (Volume 679)**

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