

<https://www.scientific.net/AMR>

The screenshot shows a web browser window with the URL [scientific.net/AMR](https://www.scientific.net/AMR). The browser's address bar and tabs are visible at the top. The website header includes the Scientific.Net logo and navigation links: DISTRIBUTION & ACCESS, FOR PUBLICATION, DOCU CENTER, ABOUT US, and CONTACT US. A search bar is located below the navigation. The main content area is divided into a left sidebar and a main panel. The sidebar has two sections: 'Engineering Research' with links to Applied Mechanics and Materials, Advances in Science and Technology, International Journal of Engineering Research in Africa, and Advanced Engineering Forum; and 'Materials Science' with a link to Journal of Biomimetics, Biomaterials and Biomedical Engineering. The main panel displays the 'Advanced Materials Research' journal page, featuring the ISSN 1662-8985 and tabs for Details, Volumes, Editorial Board, and Reviewers. The 'Volumes' tab is active, showing a search box for 'Enter Number of Volume' and a list of volumes starting with '1'. Below the volume list, there is a section for 'Advanced Materials Research Vol. 1158', edited by Dr. Stanislav Kolisnychenko, with an online start date of April 2020. A description follows, stating that this volume presents a regular special issue. The Windows taskbar at the bottom shows the system tray with the date 7/15/2020 and time 1:36 PM.

<https://www.scimagojr.com/journalsearch.php?q=4700151906&tip=sid>

The screenshot displays the Scimago Institutions Rankings (SJR) website interface. At the top, there is a navigation bar with the SJR logo and a search box. Below the navigation bar, there is a section for "Advanced Materials Research" which is noted as "discontinued in Scopus as of 2014". The main content area shows a table of journal details and a large H Index value of 33. The table includes information such as Country (Germany), Subject Area and Category (Engineering), Publisher (Trans Tech Publications), Publication type (Book Series), ISSN (10226680), Coverage (2005-2014), and Scope. A description of the journal's focus is provided under the Scope section. The website also features a cookie notice and a taskbar at the bottom.

also developed by scimago: **SCIMAGO INSTITUTIONS RANKINGS**

SJR Scimago Journal & Country Rank

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Advanced Materials Research

discontinued in Scopus as of 2014

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Country	Germany - IIII SJR Ranking of Germany
Subject Area and Category	Engineering Engineering (miscellaneous)
Publisher	Trans Tech Publications
Publication type	Book Series
ISSN	10226680
Coverage	2005-2014
Scope	"Advanced Materials Research" is a peer-reviewed journal which covers all aspects of theoretical and practical research of materials science: synthesis, analysis of properties, technologies of materials processing and their use in modern manufacturing. "Advanced Materials Research" is one of the largest periodicals in the field of materials engineering. "Advanced Materials Research" specializes in the publication of thematically complete volumes from international conference proceedings and complete special topic volumes. We do not publish stand-alone papers by individual authors.

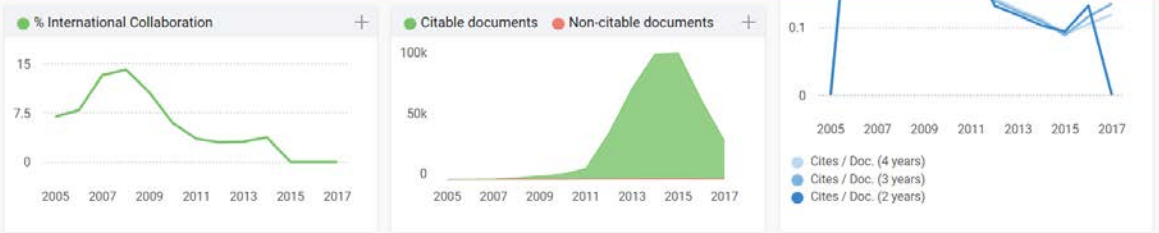
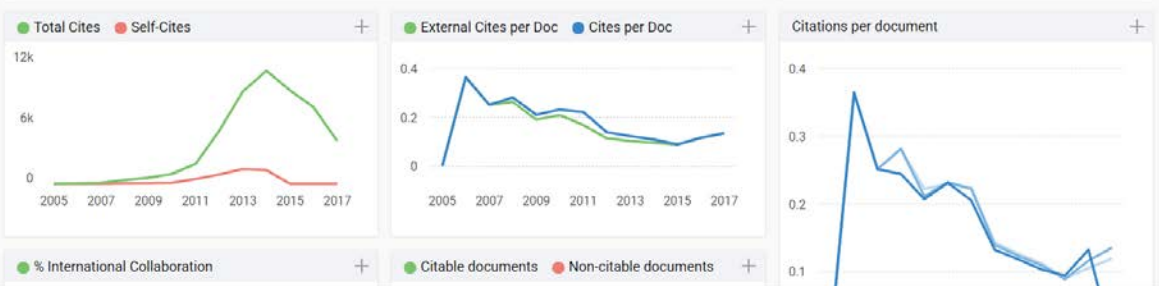
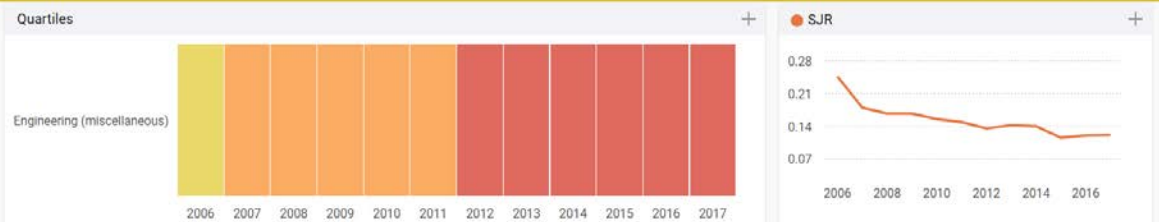
[Homepage](#)

[How to publish in this journal](#)

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H Index

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<https://www.scientific.net/AMR.626.652>

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 'Paper Titles' sidebar on the left with three entries: 'Study on Performance and Characteristic of Microorganisms in a Waste-to-Energy System p.625', 'In Vitro Biodegradability of Poly(lactic Acid)/Hydroxyapatite Biocomposites Prepared by Solvent-Blending Technique p.631', and 'Improving Surface Durability of High Volume Fly Ash Concrete with Application of Alkali Solution p.636'. The main article is titled 'Comparison between the Nominal Loss in 3%SiFe and Amorphous Transformer Core Materials'. It includes an abstract: 'An investigation of nominal loss in 3%SiFe and amorphous of the transformer core materials will evaluate in this paper. The investigation involves the variation of power loss, flux leakage, and total harmonic distortion. The nominal loss has been measured using Epstein test frame with three layers of lamination. The loss in the amorphous transformer core material is 57.46% better than the transformer core with 3% SiFe material at flux density of 1.2T, 50 Hz. The flux leakage at corner in the 3% SiFe transformer core material is the lowest than the two of transformer core material, over the whole flux density range. Total harmonic distortion flux is the largest in the amorphous of transformer core materials and the smallest in the 3% SiFe of transformer core material. Using the amorphous material in transformer core is more efficient than the two of transformer core materials.' The article has 1378 views and 13 likes. Social media sharing icons for Facebook, Twitter, and LinkedIn are visible on the right.

This screenshot shows the same article page but with more detailed information. The 'Paper Titles' sidebar now includes: 'Effect of Silane Coupling Agent on the Curing, Tensile, Thermal, and Swelling Properties of EPDM/Mica Composites p.641', 'Comparison between the Nominal Loss in 3%SiFe and Amorphous Transformer Core Materials p.652', 'Effects of Silane Coupling Agent on Mechanical Properties and Swelling Behaviour of Coconut Fiber Filled Polypropylene Composite p.657', 'Study of Cold Rotary Forming by Using Rigid-Plastic Finite Element Method p.662', 'Cytostatic Activity of Clinoptilolite against Human Cervical Cancer Cell Lines Using Three Different Media-Sterilization Techniques p.667', and 'Morphological and Structural Study of Nanostructured Tin Dioxide (SnO₂) Thin Films by Spray Pyrolysis'. The main article's 'Info:' section provides the following details: Periodical: Advanced Materials Research (Volume 626); Edited by: Mohd Mustafa Al Bakri Abdullah, Liyana Jamaludin, Rafiza Abdul Razak, Zarina Yahya and Kamarudin Hussin; Pages: 652-656; DOI: <https://doi.org/10.4028/www.scientific.net/AMR.626.652>; Citation: Cite this paper; Online since: December 2012; Authors: Dina Maizana, Shuhaimi Zakaria Abdullah; Keywords: Flux Density, Flux Leakage, Harmonic Distortion; Export: RIS, BibTeX; Price: 36,00 €; Permissions: Request Permissions; Share: Social media icons for Facebook, Twitter, LinkedIn, and a '+1' button. An 'ADD TO CART' button is also visible at the top right of the article section.