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The Journal of Technology, Management, and Applied Engineering: Data Analytics

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The Journal of Technology, Management, and Applied Engineering: Data Analytics

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Need: The Journal of Technology, Management, and Applied Engineering (JTMAE) is the flagship publication dedicated to those devoted to solving complex technological problems and developing the competitive technologist and applied engineering workforce. While JTMAE has served the professions of technology, management, and applied engineering for more than 30 years, little data have been shared with authors, readers, and other technology professionals on the patterns in authorship, readership, and citation analytics. Information of this nature is helpful to researchers, prospective authors, administrators, and others who read and wish to publish in the Journal.

Overview: An extensive collection of data on readership, author characteristics, and citation rates was compiled in 2014. This presentation will characterize the Journal based on selected data on feature articles published from 2010 through 2014. The following topics will be emphasized: type of articles published, author characteristics, citation statistics, and citation keyword analysis. The scope of the Journal, implications for publishing in the Journal, and opportunities for improvement will conclude the presentation.

Major Points:
• Data collection processes
• Author characteristics
• Citation information
• Citation keyword analysis
• Implications for future publication and improvement

Summary: The audience will learn about current data analytics drawn from the Journal of Technology, Management, and Applied Engineering. Implications for publication choices and continuous improvement of the Journal will be discussed.