2011 IJERI Impact Factor Calculation using the Google Scholar Method
(Similar to the method used by ISI)

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Fall 2010 issue: 11 total papers, 7 of which were
used in the calculation (4 are not shown on Google
Scholar so their citations are not known;
therefore, for accuracy, they were excluded from
the calculation)
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Evaluation of a software configurable digital controller for the permanent magnet synchronous motor using field-oriented control

S Lee, BM Song, TH Won - System Theory (SSST), 2010 42nd …, 2010 - ieeexplore.ieee.org
Abstract This paper presents a **software**-defined **digital controller** for the **permanent magnet** brushless dc **motor using field**-**oriented control** (FOC). The proposed **controller** that improves the system performance in low torque ripple, and high efficiency is introduced and **...**
Cited by 3 Related articles All 4 versions Cite

[PDF] EFFECT OF THE NUMBER OF LPC COEFFICIENTS ON THE QUALITY OF SYNTHESIZED SOUNDS

H Ngo, M Mehrubeoglu - International Journal of Engineering Research & …, 2010 - ijeri.org
Abstract Linear Predictive Coding (**LPC**) is a basic method used in speech signal processing. The purpose of this work is to implement a real-time **LPC** vocoder on a TMS320C6455 DSP board to assess the **effect** of the **number** of **coefficients** on **sound ...**
Cited by 1 Related articles All 4 versions Cite

[PDF] Six Sigma-Based Quality Control Laboratory for Engineering and Technology Education Innovation

RY Chiou, M Mauk, Y Kwon - … of **Engineering** Research & **Innovation**, 2010 - ijeri.org
Abstract The use of modern sensors and data-acquisition instrumentation for monitoring and **control**-manufacturing processes was implemented into **laboratory** practices in undergraduate classes on gauging, measurement, inspection, diagnostic systems, and **...**
Cited by 2 Related articles All 3 versions Cite More

Spring 2010 issue: 11 total papers, 6 of which were used in the calculation (5 are not shown on Google Scholar so their citations are not known; therefore, for accuracy, they were excluded from the calculation)

PDF] Securing Virtualized Datacenters

Abstract **Virtualization** is a very popular solution to many problems in **datacenter** management. It offers increased utilization of existing system resources through effective consolidation, negating the need for more servers and additional rack space. Furthermore, **...**

Practical Soft-**Switching High**-**Voltage Dc**-**Dc Converter** for **Magnetron Power Supplies**

Abstract A new **soft**-**switching**, **high**-**voltage dc**-**dc converter** for **magnetron power supply** application is presented in this paper. The proposed dc **power supply** consists of three main circuits: front-end flyback **converter**, high-frequency transformer, and **high**-**voltage** diode **...**

PDF] Tool condition monitoring system in **turning operation utilizing wavelet signal processing** and **multi**-**learning ANNs algorithm** methodology

Abstract The present study shows the development of a **tool condition monitoring** (TCM) **system utilizing signal** decomposition techniques in an artificial neural networks (**ANNs**) **system**. The raw **signals** obtained from sensors under different machining **conditions** were **...**

EVALUATING THE ACCURACY, TIME, AND COST TRADE-OFFS AMONG ALTERNATIVE STRUCTURAL FITNESS ASSESSMENT METHODS

MD Johnson, A Parthasarathy - International Journal of Engineering …, 2010 - ijeri.org
Abstract Development project lead **time** and **cost** are of growing importance in the current global competitive environment. During the development of physical products, one key task is often the **assessment** of a component's **structural fitness**. This paper examines the **trade**- ...

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Fall 2009 issue: 8 total papers, 4 of which were
used in the calculation (4 are not shown on Google
Scholar so their citations are not known;
therefore, for accuracy, they were excluded from
the calculation)
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[PDF] SITUATING A SENIOR PROJECT COURSE IN A UNIVERSITY QEP RESEARCH-BASED INSTITUTIONAL FRAMEWORK

F Attarzadeh, W Fitzgibbon, E Barbieri… - … Opens the Door to a World …, 2009 - ijeri.org
Abstract The process of reaffirming accreditation at the **University** of Houston has identified **research**-**based** instruction as a critical component of the campus learning environment for the foreseeable future. This assertion is consistent with broader trends in higher education **...**

[PDF] Examining 2007 São Paulo City Subway Line–4 Construction Site Accident

AMA Pinto, WS e Silva - ijme.us
Abstract **São Paulo** is the largest **city** in Brazil and the most populous **city** in the Americas and the Southern Hemisphere. It is the fifth in the world by population. With extremely intense traffic, the **city's** 11 million people are served by a modern and continuously **...**

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Spring 2009 issue: 9 total papers, 7 of which were
used in the calculation (2 are not shown on Google
Scholar so their citations are not known;
therefore, for accuracy, they were excluded from
the calculation)
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[PDF] Educational Institution Strategies to Increase US Innovation

ME Elam, JD Parish, BD Cranor - … of Engineering Research and **Innovation**, 2009 - ijme.**us**
Abstract In a paper titled,"Global Trends in Patenting," also presented at this conference, the authors cited data indicating the **United States**' leadership position in the issuance of patents is being threatened. They also cited references stating that patents are an indication of a **...**

[PDF] Failure analysis of gas turbine blades

Using ANSYS Workbench 11.0 software (advanced CFD section), a steady state **gas** flow **analysis** was carried out, and the pressure and temperature distributions and velocity vectors and streamlines were delineated. Then, by mapping these results on the other **...**
Cited by 3 Related articles All 2 versions

[PDF] Curriculum Innovation: Technical Sales

Abstract An excellent career choice for Engineering, Engineering Technology (ET) and Industrial Technology (IT) graduates is the **technical sales** profession. Given the **technical curriculum** combined with opportunities to complete business/management coursework, **...**
Cited by 1 All 4 versions Cite

2011 Impact Factor for IJERI= 38/24=1.58

Journal Impact Factor

The journal Impact Factor is the average number of times articles from the journal published in the past two years have been cited in the JCR year.

The Impact Factor is calculated by dividing the number of citations in the JCR year by the total number of articles published in the two previous years. An Impact Factor of 1.0 means that, *on average*, the articles published one or two year ago have been cited one time. An Impact Factor of 2.5 means that, on average, the articles published one or two year ago have been cited two and a half times. The citing works may be articles published in the same journal. However, most citing works are from different journals, proceedings, or books indexed by Web of Science.

The formula to determine the 2011 impact factor for a journal would be calculated as follows:

A = the number of times articles published in the journal during 2009-2010 were cited by other journals or the same journal during 2010

B = the number of articles or reviews that were published in the journal during 2009-2010

2011 Impact factor for a journal = A/B