

# JRRD

recognition virtual EMG prosthetics VA rehabilitation  
myoelectric powered prostheses  
prosthetic socket upper prostheses  
shoulder pattern tissue electromyography amputation  
upper-limb control  
prosthesis

## JRRD Editorial Board Meeting

103 South Gay Street, 3<sup>rd</sup> Floor

Baltimore, MD 21202

July 21, 2011

Also accessible online through GoToMeeting

Stacieann C. Yuhasz, PhD

Editor

ResearcherID: B-5428-2011



Veterans Health Administration  
**Research & Development**  
Improving Veterans' Lives - [www.research.va.gov](http://www.research.va.gov)

## 2011 JRRD Board Meeting Agenda

-  1:00 – 1:05 p.m. Welcome from Robert Ruff, Deputy Editor
-  1:05 – 1:10 p.m. Welcome from RR&D Director's Office
-  1:10 – 2:30 p.m. Overview of JRRD Progress, Stacie Yuhasz
-  2:30 – 3:00 p.m. **Veteran Artwork Gallery Viewing Time and Break**
-  3:00 – 3:10 p.m. Veteran Artwork Voting
-  3:10 – 3:25 p.m. Web Update, David Bartlinski
-  3:25 – 3:35 p.m. Public Affairs Update, Dore Mobley
-  3:35 – 3:45 p.m. Social Networking Update, Johanna Gribble
-  3:45 – 4:00 p.m. Plagiarism Update, Tristan Horrom
-  4:00 – 5:00 p.m. Discussion and Wrap-up, Stacie Yuhasz
-  5:00 – 6:00 p.m. **Break** (Working dinner meeting to follow)





# GoToMeeting For Online Participants

1. Please join my meeting.

<https://www3.gotomeeting.com/join/184265262>

2. Use your microphone and speakers (VoIP) - a headset is recommended.  
Or, call in using your telephone.

Dial +1 (314) 627-1501

Access Code: 519-821-006

Audio PIN: Shown after joining the meeting

Meeting ID: 184-265-262

Please NOTE: All GoToMeeting participants will be **muted**, please type in your questions and I will share them with the group.



# JRRD

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myoelectric socket upper prostheses  
prosthetic multifunctional tissue electromyography amputation  
shoulder pattern upper-limb control  
transhumeral wrist limb prosthesis



UNIVERSITY of MARYLAND  
THE FOUNDING CAMPUS

## Mary Joan Tooley, MLS, AHIP, FMLA

Associate Vice President, Academic Affairs

Executive Director, Health Sciences and Human Services Library

Director, National Network of Libraries of Medicine, Southeastern/Atlantic  
Region

University of Maryland

## Alexa Mayo, MLS, AHIP

Associate Director for Services

Health Sciences and Human Services Library

University of Maryland



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wrist limb prosthesis

## Comments from Robert Ruff, MD, PhD Deputy Editor





## Housekeeping Notes

- 🔥 Food/Beverages – Adjacent Room
- 🔥 Restrooms –
  - ♂ Exit straight through, 1<sup>st</sup> door on the left
  - ♀ Exit left, go through lobby to the right
- 🔥 Veteran Artwork – Adjacent Room
- 🔥 Whisper Room/Podcasting Studio – 4<sup>th</sup> Floor Studio (see Nick Lancaster or Robert Williams for escort)

# JRRRD

recognition virtual EMG  
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transhumeral upper-limb control  
wrist limb prosthesis

## JRRRD Mission

**To responsibly evaluate and disseminate scientific research findings impacting the rehabilitative healthcare community**



# JRRD

recognition virtual EMG prosthetics rehabilitation  
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wrist limb prosthesis

function VEGF support test sensory female devices community disorders al systems video pain outcomes lower-limb  
Affairs sclerosis patient among interface effective female devices community disorders al systems video pain outcomes lower-limb  
spinal chronic robot-assisted cushions use injury people neurological assessment suggest services may  
reliability ankle article quality use injury people neurological assessment suggest services may  
Research studies Rehabilitation VA training robotic injuries  
stroke research VA Veterans using patients used  
design found multiple strength movement many Veterans using patients used  
Department improve arm results veterans pressure study  
good made forces ES interventions tested stimulation motor walking  
rehabilitation muscle BWSTT impairments information spasticity  
new subjects data technology ZeroG gait treatment without examined healthcare ability et limb whiplash brain PTSD MS  
nondisabled manual method gait foot problems hearing determine ability et limb whiplash brain PTSD MS  
following residual evaluated method gait foot problems hearing determine ability et limb whiplash brain PTSD MS  
orthoses practice upper-limb CRIS However



## Concepts We Will Cover Today

- 🔧 Editorial Policies/Plagiarism
- 🔧 Web Site Updates/Social Networking
- 🔧 ePub
- 🔧 Readership Survey Results

### Theme

Bringing the content to the stakeholder

# Thank you to Dr. Dudley S. Childress



Upon his retirement from the Board, we want to thank Dr. Dudley S. Childress for his service to *JRRD* and the broader research community. A professor of physical medicine and rehabilitation and biomedical engineering, Dr. Childress served on *JRRD's* Editorial and Scientific Advisory Boards for 32 years. In this capacity, he contributed significantly to the journal's quality, scientific rigor, and prominence.

It has been wonderful working with Dr. Childress and learning from his vast knowledge and experiences. His dedication and hard work have been a motivation to us all. He will be sincerely missed. We wish him happiness in the future and a wonderful time with family and friends.

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## Looking for a Few Good Board Members...

- 🔦 Outcomes
- 🔦 Stroke
- 🔦 Occupational Therapy
- 🔦 Geriatrics
- 🔦 Regenerative Medicine
- 🔦 Virtual Reality/Gaming Therapy

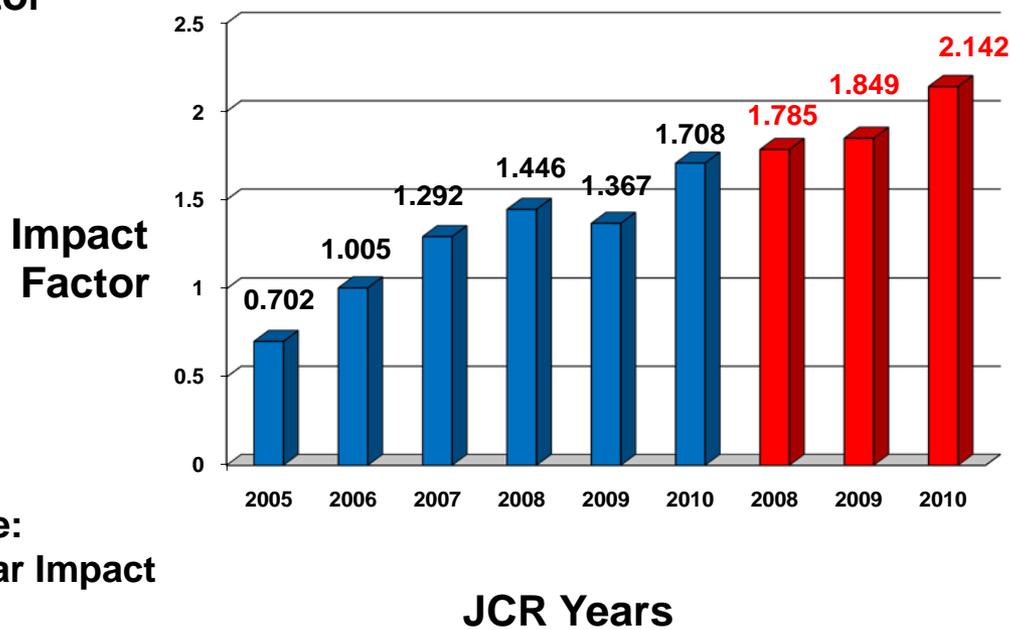


## Impact Factor 2005-2010

Key:

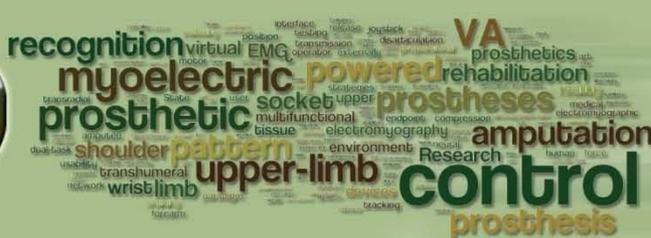
**Blue:** Standard 2 year Impact Factor

**Red:** 5 year Impact Factor



2008 = NO WEB Presence:  
STILL Affects 2 and 5 Year Impact

(JCR = Journal Citation Records, Thompson ISI)



An immediacy index is a measure of how topical and urgent work published in a scientific journal is.

## 2010 JCR Data – 43 Rehab Journals

Rank	Abbreviated Journal Title (linked to journal information)	Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Articles	Cited Half-life
1	<a href="#">PHYS THER</a>	6250	2.645	3.158	1.162	142	>10.0
2	<a href="#">J REHABIL RES DEV</a>	2339	1.708	2.142	<b>1.013</b>	79	<b>6.3</b>
3	<a href="#">REHABILITATION</a>	389	1.131		0.947	38	5.2
4	<a href="#">NEUROREHAB NEURAL RE</a>	1516	3.772	3.927	0.767	86	

The immediacy index is calculated based on the papers published in a journal in a single calendar year.

For example, the 2005 immediacy index for a journal would be calculated as follows:

A = the number of times articles published in 2005 were cited in indexed journals during 2005

B = the number of articles, reviews, proceedings or notes published in 2005

2005 **immediacy** index =  $A/B$



## 2009 JCR Data – 33 Rehab Journals

Rank	Abbreviated Journal Title ( <i>linked to journal information</i> )	Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Articles	Cited Half-life
24	<a href="#">J REHABIL RES DEV</a>	1925	1.367	1.849	<b>0.106</b>	85	6.5

In 1 year, due to increased web dissemination, a continual web presence, as well as increased social networking, we moved from the **24<sup>th</sup>** position to the **2<sup>nd</sup>** position in the Immediacy Index.

“Such information is useful in determining which journals are publishing in emerging areas of research.”

<http://science.thomsonreuters.com/support/patents/patinf/terms/>





## Countries Submitting to JRRD





## JRRRD Submission Policies

- 🔥 Updated January 2011
- 🔥 In Packet
- 🔥 Specific details of submission process for review and post-acceptance submission process
- 🔥 New COI (ICMJE) common form
- 🔥 Video/Audio links from manuscript to online content
- 🔥 Public domain clarification

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## **NEW** JRRRD Forms

-  **NEW: JRRRD Manuscript Submission Checklist**
-  **NEW: JRRRD Figure Checklist**
-  **NEW: Conflict of Interest Form**
-  **Required: Statement of Originality Form**



## How to Cite



**This article and any supplementary material should be cited as follows:** Dunn AS, Julian T, Formolo LR, Green BN, Chicoine DR.

Preliminary analysis of posttraumatic stress disorder screening within specialty clinic setting for OIF/OEF veterans seeking care for neck or back pain. J Rehabil Res Dev. 2011;48(5):493–502. **DOI:10.1682/JRRD.2010.05.0104**





## CrossRef

- 🔗 CrossRef has created a system to automatically email publishers statistics on the number of DOI resolutions through the DOI proxy server (<http://dx.doi.org/>) on a month-by-month basis.
- 🔗 These numbers give an indication of the use of our DOIs and the **traffic coming to our site** from users clicking DOIs. The DOI links are largely from links in other publishers' journal references to our articles, but they are also from DOI links in secondary databases, links from libraries using DOIs, and even DOIs used in print versions.
- 🔗 **The overall resolution failure rate for all publishers is 2% and our failure rate is 1%.**
- 🔗 Resolution Report for prefix 10.1682 from Jul 6, 2011 (average 946):

Months	2011-06	2011-05	2011-04	2011-03	2011-02	2011-01	2010-12	2010-11	2010-10	2010-09	2010-08	2010-07	2010-06
Resolutions	704	914	1,760	1,712	1,120	771	546	844	840	605	447	320	772









# JRRD eAlert



Welcome to the JRRD eAlert, your "green alternative" to the print journal. Click on the icons to view associated content.

Links to special features	Article Titles
<b>Not all research articles have associated special features at this time.</b>	
 	<a href="#">Preliminary analysis of posttraumatic stress disorder screening within specialty clinic setting for OIF/OEF veterans seeking care for neck or back pain</a>
 	<a href="#">Audiometric thresholds and prevalence of tinnitus among male veterans in the United States: Data from the National Health and Nutrition Examination Survey, 1999-2006</a>
 	<a href="#">Responsiveness of the Canadian Occupational Performance Measure</a>
 	<a href="#">Performance testing of collision-avoidance system for power wheelchairs</a>
 	<a href="#">Reliability of standardized assessment for adults who are deafblind</a>
 	<a href="#">Decreased central fatigue in multiple sclerosis patients after 8 weeks of surface functional electrical stimulation</a>
 	<a href="#">Techniques to measure rigidity of ankle-foot orthosis: A review</a>
 	<a href="#">Evaluations of neuromuscular dynamics of hyperactive reflexes poststroke</a>
 	<a href="#">New method for determining apparent axial center of rotation of lumbar and thoracic spine segments</a>
 	<a href="#">Cognitive impairment as barrier to engagement in vocational services among veterans with severe mental illness</a>

## Links

-  PDF
-  At a Glance
-  PowerPoint
-  Video
-  Podcast
-  Audio

**Figure 1.** Gait Trainer (GT): (a) Frontal and (b) lateral views of nondisabled subject performing GT session, and (c) GT controller showing number of strides performed (not number of steps, as incorrectly shown on GT controller) and effective body-weight support measured by GT dynamometer. At bottom are step length selector and walking speed selector (which is actually cadence selector).



Iosa M, Morone G, Bragoni M, De Angelis D, Venturiero V, Coiro P, Pratesi L, Paolucci S. Driving electromechanically assisted Gait Trainer for people with stroke.

J Rehabil Res Dev. 2011;48(2):135–46.

DOI:10.1682/JRRD.2010.04.0069

# JRRRD

Journal of Rehabilitation Research & Development

Department of Veterans Affairs  
Rehabilitation Research & Development Service

## JRRRD Slideshow Project (JSP)

- 🔥 JRRRD's newest "value-added" feature.
- 🔥 The goal is to give our authors and readers not only a sneak peak of the latest articles but also a valuable teaching/lecture tool, because the ready-made slides can be easily incorporated into new or existing PowerPoint presentations.
- 🔥 Each slide includes a complete citation to ensure that viewers know the material is from JRRRD.



# JRRD eAlert



Welcome to the JRRD eAlert, your "green alternative" to the print journal. Click on the icons to view associated content.

Links to special features				Article Titles	
Not all research articles have associated special features at this time.					
					<a href="#">Two-degree-of-freedom powered prosthetic wrist</a>
					<a href="#">Target Achievement Control Test: Evaluating real-time myoelectric pattern-recognition control of multifunctional upper-limb prostheses</a>
					<a href="#">Comparison of electromyography and force as interfaces for prosthetic control</a>
					<a href="#">Electromyogram pattern recognition for control of powered upper-limb prostheses: State of the art and challenges for clinical use</a>
					<a href="#">Use of two-axis joystick for control of externally powered shoulder disarticulation prostheses</a>
					<a href="#">Evaluation of shoulder complex motion-based input strategies for endpoint prosthetic-limb control using dual-task paradigm</a>
					<a href="#">Prosthetic sockets stabilized by alternating areas of tissue compression and release</a>
					<a href="#">Development and testing of new upper-limb prosthetic devices: Research designs for usability testing</a>
					<a href="#">Using virtual reality environment to facilitate training with advanced upper-limb prosthesis</a>
					<a href="#">Myoelectric forearm prostheses: State of the art from a user-centered perspective</a>
					<a href="#">Electromyogram-based neural network control of transhumeral prostheses</a>

## Links



PDF



At a Glance



PowerPoint



Video



Podcast



Audio





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## JRRRD At A Glance Layperson's Summary

 [JRRRD at a Glance Index](#)

 [JRRRD de un Vistazo en español Index](#)

 [Incorporation into Topic Cluster Index](#)





## GPO eBook Program

- 📖 Offer extensive dissemination services:
  - 📖 Public Libraries
  - 📖 Academic Libraries
  - 📖 Online retail
- 📖 No additional cost to JRRD and signed agreements with aforementioned parties already in place
- 📖 Part of the JRRD effort to “Go Green”

## 2009 AAP Industry Statistics Report for Professional and Scholarly (PSP) Journals

### Subscriber Preference: Print vs. Electronic Subscriptions

#### Institutional Subscribers (Drive the Market)

<u>Year</u>	<u># Inst. Subscribers</u>	<u>Print+Electronic</u>	<u>Print Only</u>	<u>Electronic Only</u>
2007	2,360,838	36.5%	50.4%	13.1%
2008	2,575,767	35.9%	46.9%	17.1%
2009	2,358,908	25.3%	47.6%	27.2%

**E-subscription  
increasing**

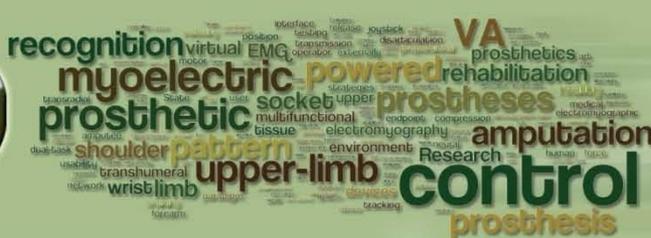
Tagler J. From the Executive Director's Desk. PSP Bulletin Volume 10, No 1&2, Winter/Spring 2011

AAP = Association of American Publishers





# JRRD



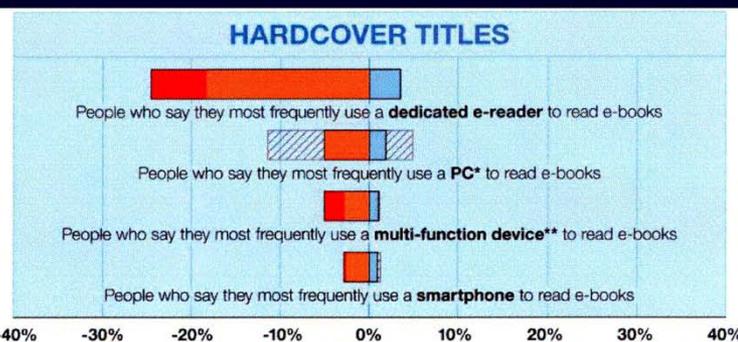
## Scott Lubeck (Book Industry Study Group), Survey on “Consumer Attitudes Toward E-Book Reading.”

Survey Pool/Summary:  
44,000 men, women, teens.

E-Reader device trends demonstrate  
e-readers rapidly replacing PCs as  
consumer-preferred e-book reading  
devices.

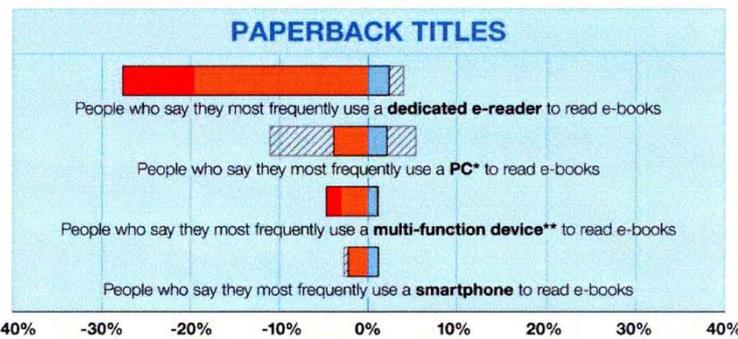
Challenge: Reach the consumer!

Tagler J. From the Executive Director’s Desk. PSP Bulletin  
Volume 10, No 1&2, Winter/Spring 2011



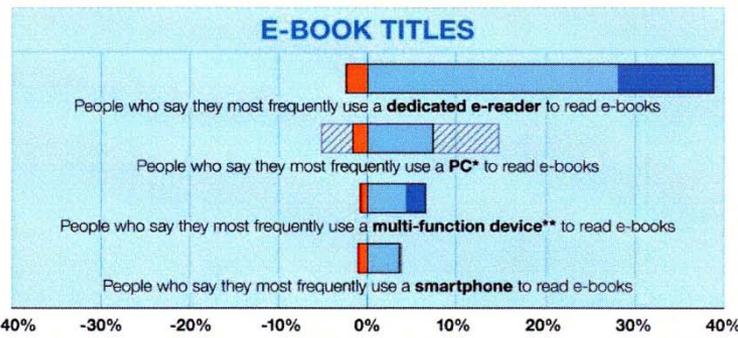
\* PCs include desktop, laptop and netbook computers  
\*\* e.g., Apple iPad

More titles purchased (blue)  
Fewer titles purchased (red)  
increase over time (solid)  
decrease over time (hatched)



\* PCs include desktop, laptop and netbook computers  
\*\* e.g., Apple iPad

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## iPad = Apple and other Tablets

- 📖 Can readily download JRRD content from web, Google books, etc.
- 📖 The VA expects to enable employees to use iPhones, iPads, Androids and other popular mobile devices on the departmental network by Oct. 1, 2011, VA Chief Information Officer Roger Baker has announced.

Jul 1, 2011 Federal Computer Week



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wrist limb prosthesis



## Refreshments and Veteran Artwork Gallery Viewing Time



# JRRRD

## 2011 NVCAF Contestants

for

## 2012 JRRD Cover Artwork

### Choose 5

*Creative Arts Festival  
2011*

**CHOOSE ONLY 5**

<input type="checkbox"/> 0133 	<input type="checkbox"/> 1634 	<input type="checkbox"/> 4628 
<input type="checkbox"/> 0129 	<input type="checkbox"/> 1308 	<input type="checkbox"/> 4512 
<input type="checkbox"/> 0210 	<input type="checkbox"/> 2304 	<input type="checkbox"/> 1521 
<input type="checkbox"/> 1127 	<input type="checkbox"/> 3007 	<input type="checkbox"/> 4708 
<input type="checkbox"/> 1260 	<input type="checkbox"/> 3604 	<input type="checkbox"/> 1407 
<input type="checkbox"/> 1202 	<input type="checkbox"/> 3609 	<input type="checkbox"/> 1807 

The 5 winners will be featured on the 2012 journal covers.

recognition myoelectric prosthetic upper limb control



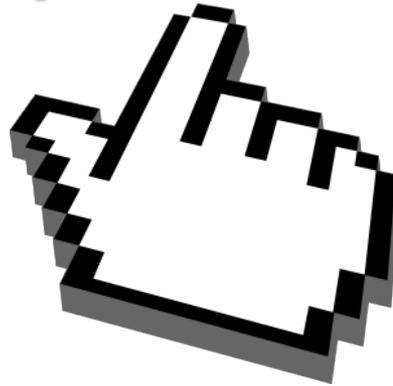
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# JRRRD

[www.rehab.research.va.gov/jrrd](http://www.rehab.research.va.gov/jrrd)

## Web Development and Analytics



David Bartlinski



Veterans Health Administration  
**Research & Development**  
Improving Veterans' Lives  [www.research.va.gov](http://www.research.va.gov)

## Web Development and Analytics

- 🔗 Hosted by AITC
- 🔗 Analyzed data are provided by WebTrends also hosted and maintained by AITC
- 🔗 All location data provided by Google Analytics

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# JRRRD Web Development

([www.rehab.research.va.gov/jrrrd](http://www.rehab.research.va.gov/jrrrd))

## Aesthetics

- 🔧 New Design
- 🔧 New Graphics
- 🔧 Dynamic Content
- 🔧 Clarity of Content



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# JRRRD Web Development

([www.rehab.research.va.gov/jrrd](http://www.rehab.research.va.gov/jrrd))

## Functionality:

- 🔗 Navigation
- 🔗 Organization
- 🔗 Cross Platform/Browser Compatibility
- 🔗 Section 508 Accessibly Compliant



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# JRRRD Web Development

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## Technology

- 📺 Video
- 📺 RSS News Feeds
- 📺 PodCasts
- 📺 PowerPoint Image Slides
- 📺 PowerPoint SlideSets (JSP)



# JRRRD

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prosthesis socket upper limb control  
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transhumeral wrist limb  
VA  
rehabilitation  
prostheses  
amputation  
control  
prosthesis

## JRRRD Web Analytics

([www.rehab.research.va.gov/jrrrd](http://www.rehab.research.va.gov/jrrrd))

 **Projected Total Downloads in 2010**

**4.7 million**

 **Total Downloads 2010**

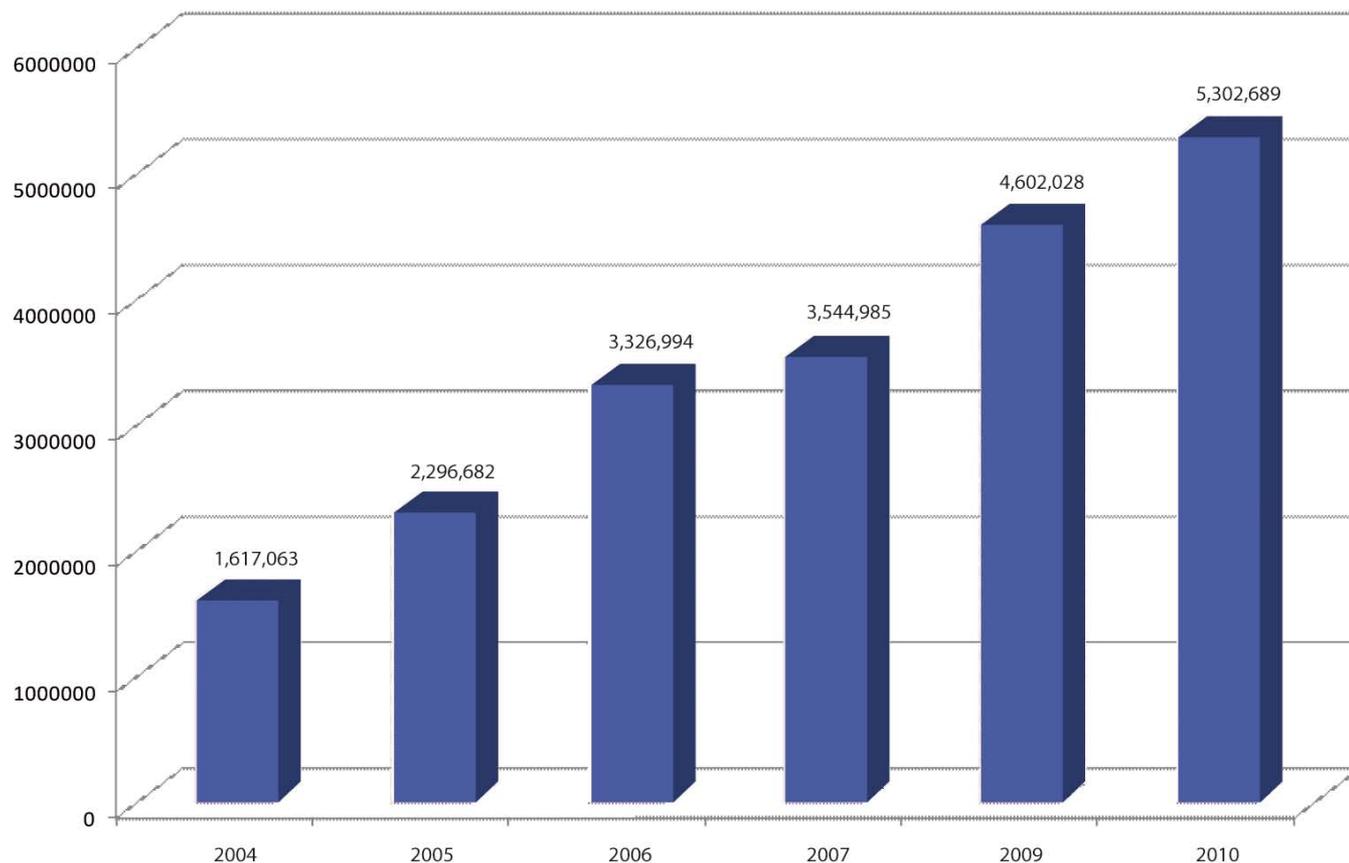
**5.3 million**



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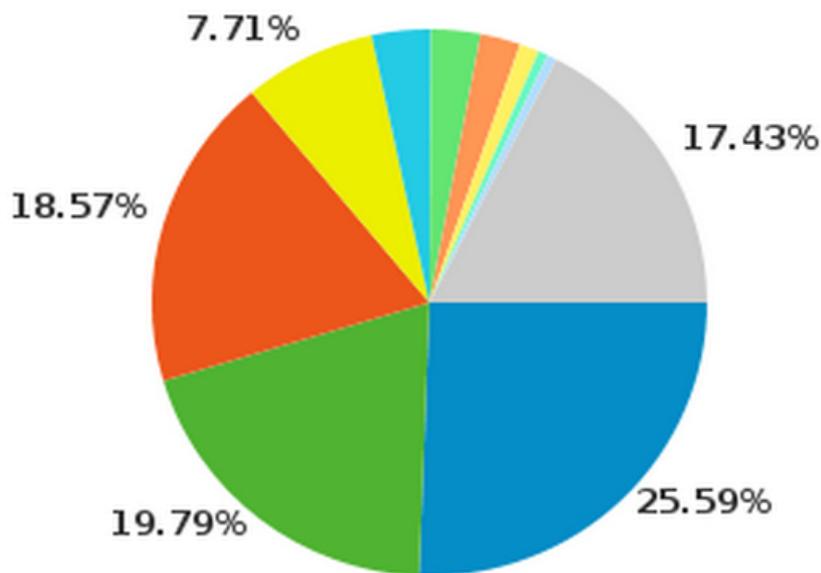
## JRRRD Downloads 2004-2011



## JRRRD Website Traffic

### Referring sites

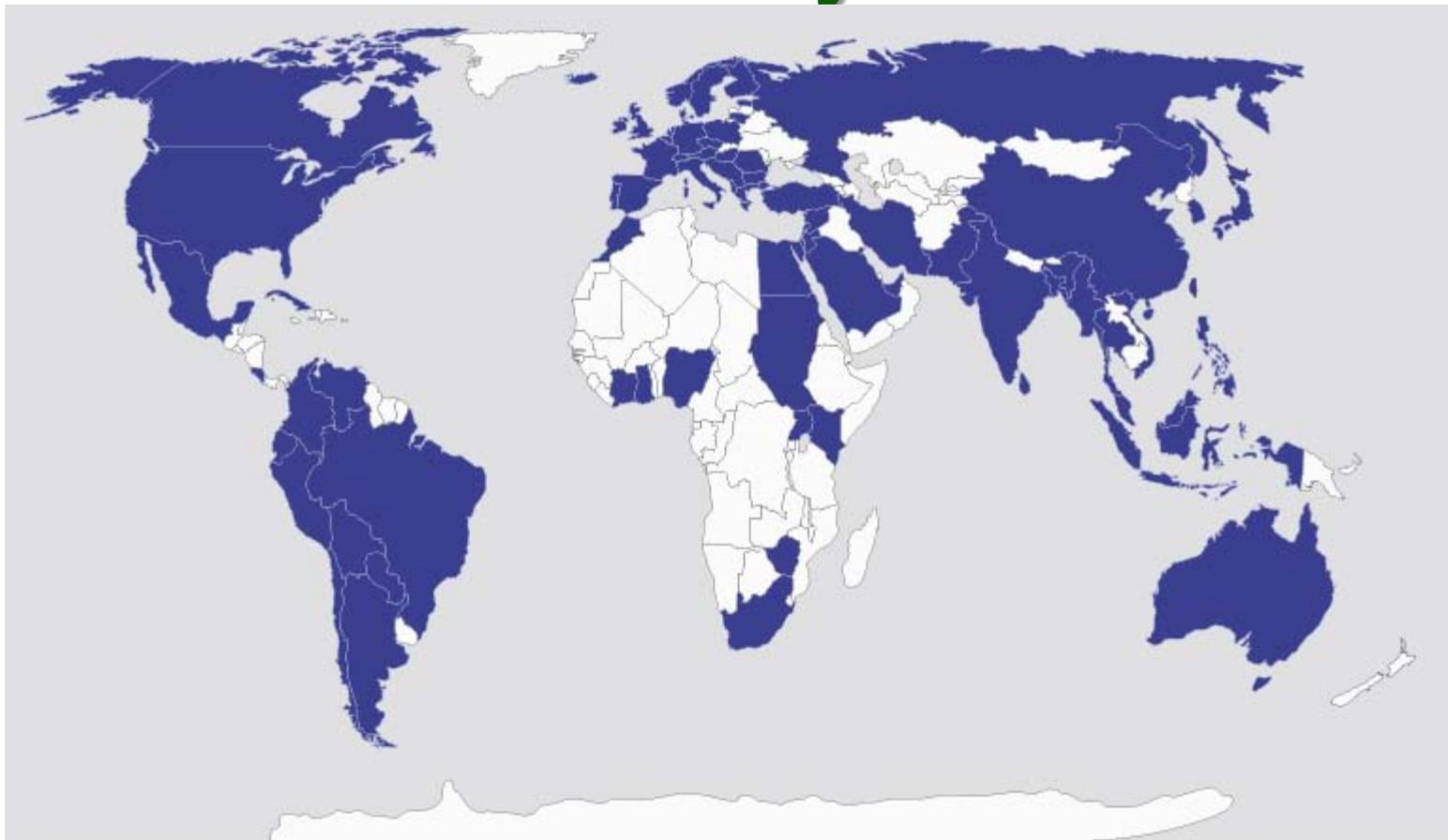
1.	■ google / organic	25.59%
2.	■ (direct) / (none)	19.79%
3.	■ ncbi.nlm.nih.gov / referral	18.57%
4.	■ index.va.gov / referral	7.71%
5.	■ bing / organic	3.44%
6.	■ yahoo / organic	2.86%
7.	■ research.va.gov / referral	2.34%
8.	■ google.com / referral	1.15%
9.	■ facebook.com / referral	0.56%
10.	■ freemedicaljournals.com / refi	0.56%



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## JRRD Accessed by 95 Countries



# JRRD

recognition virtual EMG prosthetics VA rehabilitation myoelectric powered prostheses prosthetic socket upper limb prostheses amputation control prosthesis shoulder pattern upper-limb wrist limb

## JRRD Website Traffic

 **11 Different Platforms**



 **13 Different Browsers**



 **Mobile Traffic up 81%**



# JRRRD

recognition virtual EMG operation external VA prosthetics rehabilitation medical prostheses amputation control prosthesis  
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prosthetic socket upper prostheses  
shoulder pattern upper-limb control  
transhumeral wrist limb  
electromyography  
environment Research  
tissue multifunctional electrode compression  
interface sensing myoelectric operation external VA prosthetics

## JRRRD Website Technology

- 🔗 **Video: 4995 views on YouTube**
- 🔗 **RSS Feed: 3498 views per month**
- 🔗 **PodCast: 932 views per month**
- 🔗 **PowerPoint image slides:**
  - 🔗 **2009 12 per month**
  - 🔗 **2010 2395 per month**
  - 🔗 **2011 6879 per month!!!!**



## JRRRD Website New Features

- 🔥 Spanish Translated JRRRD At a Glance Section:  
683 Views Month of Launch  
**3194 Views per Month**
- 🔥 Video DOI Watermark
- 🔥 JRRRD Article Slide-Sets (JSP)
- 🔥 Go Green
- 🔥 Scroll-Free Article Presentation

## JRRRD Website Outlook

-  Continue to analyze and adjust our Web presence according to new technologies and traffic data
-  Increase distribution with Web 2.0 applications
-  Continue to provide a positive user experience

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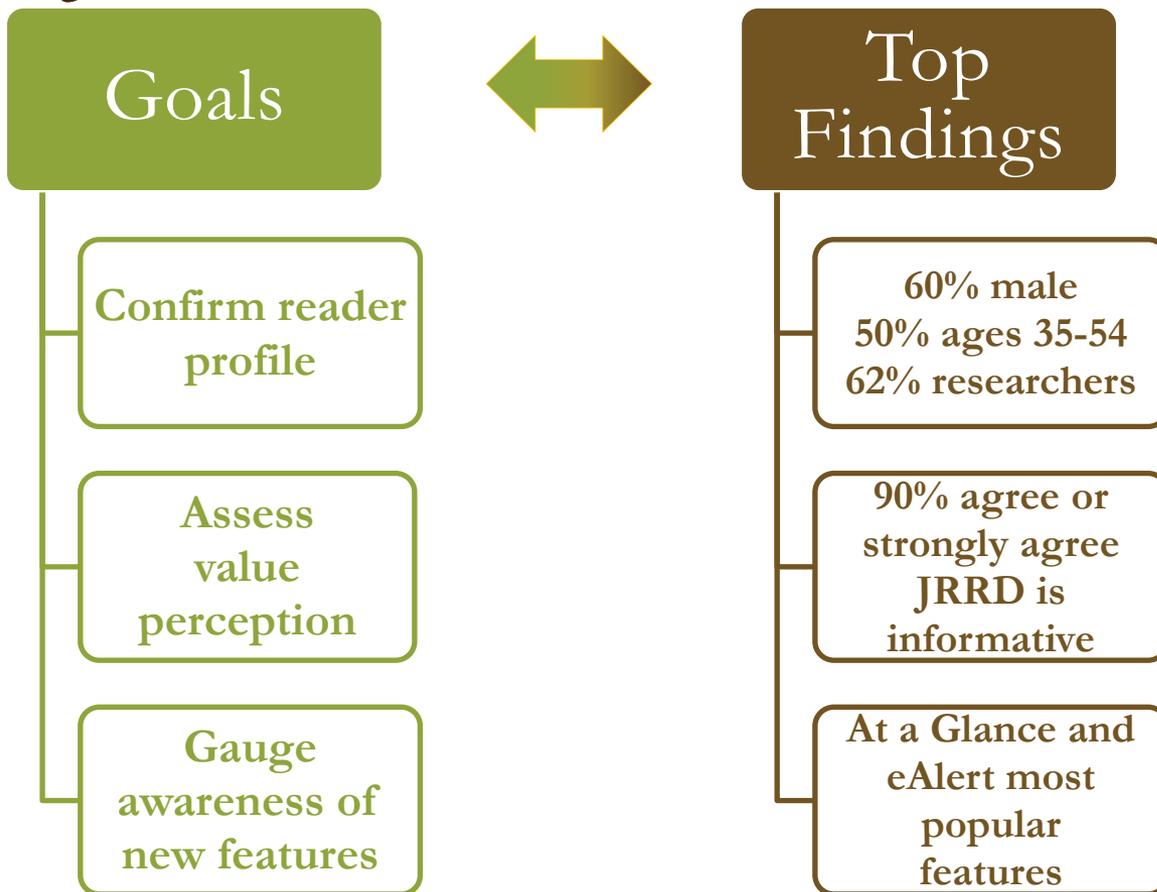
## 2011 Readership Survey

Dore Mobley

Is JRRD Relevant?



## 2011 JRRRD READER SURVEY



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## IN A NUTSHELL...

- ▶ **Duration: April 27- June 9, 2011**
- ▶ **Administration: Online**
- ▶ **Inducement: JRRD lapel pin**
- ▶ **Respondents: 405**
- ▶ **Response Rate: 7%**



## THE RESULTS

- ▶ 87% read journal online or in print
- ▶ 90% spend 6-30 min. reading article
- ▶ 76% read articles most or all of the time
- ▶ 92% would continue to read journal if available online only

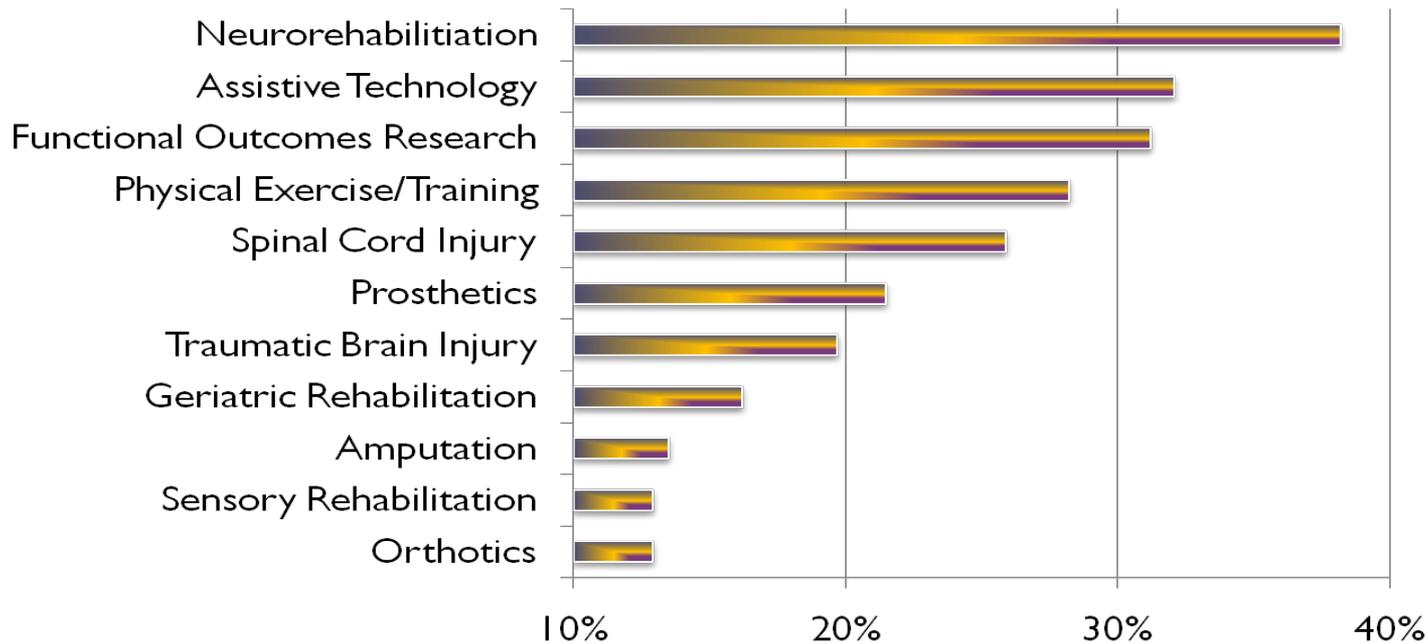
## OPINION: JOURNAL QUALITY

	<b>Good to Excellent</b>	<b>Fair to Poor</b>
<b>Analytical Rigor</b>	<b>83%</b>	<b>17%</b>
<b>Clinical Application</b>	<b>87%</b>	<b>13%</b>
<b>Readability</b>	<b>91%</b>	<b>9%</b>
<b>Design and Appearance</b>	<b>86%</b>	<b>14%</b>
<b>Online Accessibility</b>	<b>89%</b>	<b>11%</b>
<b>Value of Single-Topic Issues</b>	<b>82%</b>	<b>18%</b>

## OPINION: PUBLISHING EXPERIENCE

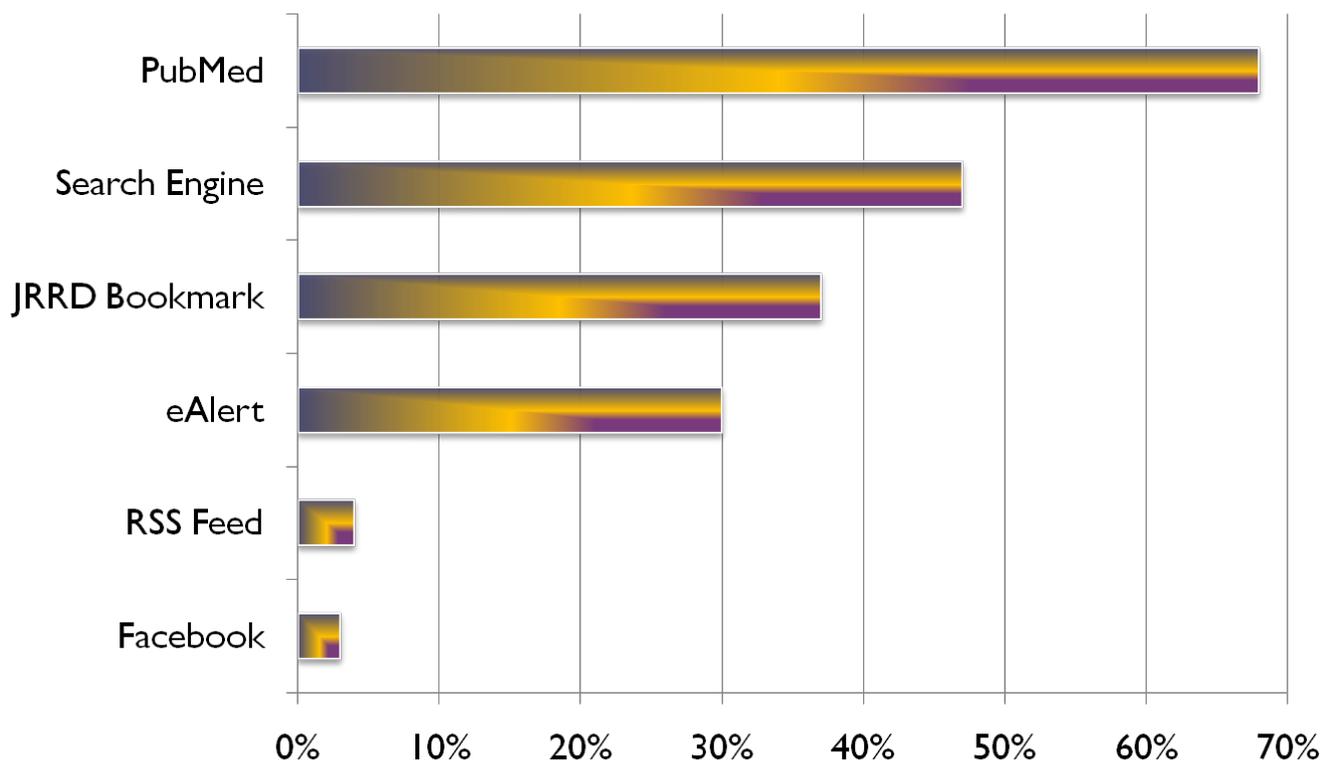
	<b>Good to Excellent</b>	<b>Fair to Poor</b>
<b>Manuscript Submission</b>	<b>91%</b>	<b>9%</b>
<b>Peer-Review Process</b>	<b>85%</b>	<b>15 %</b>
<b>Technical Editing/Production</b>	<b>90%</b>	<b>10%</b>
<b>Publication</b>	<b>94%</b>	<b>6%</b>

## RESPONDENTS' SPECIALTY

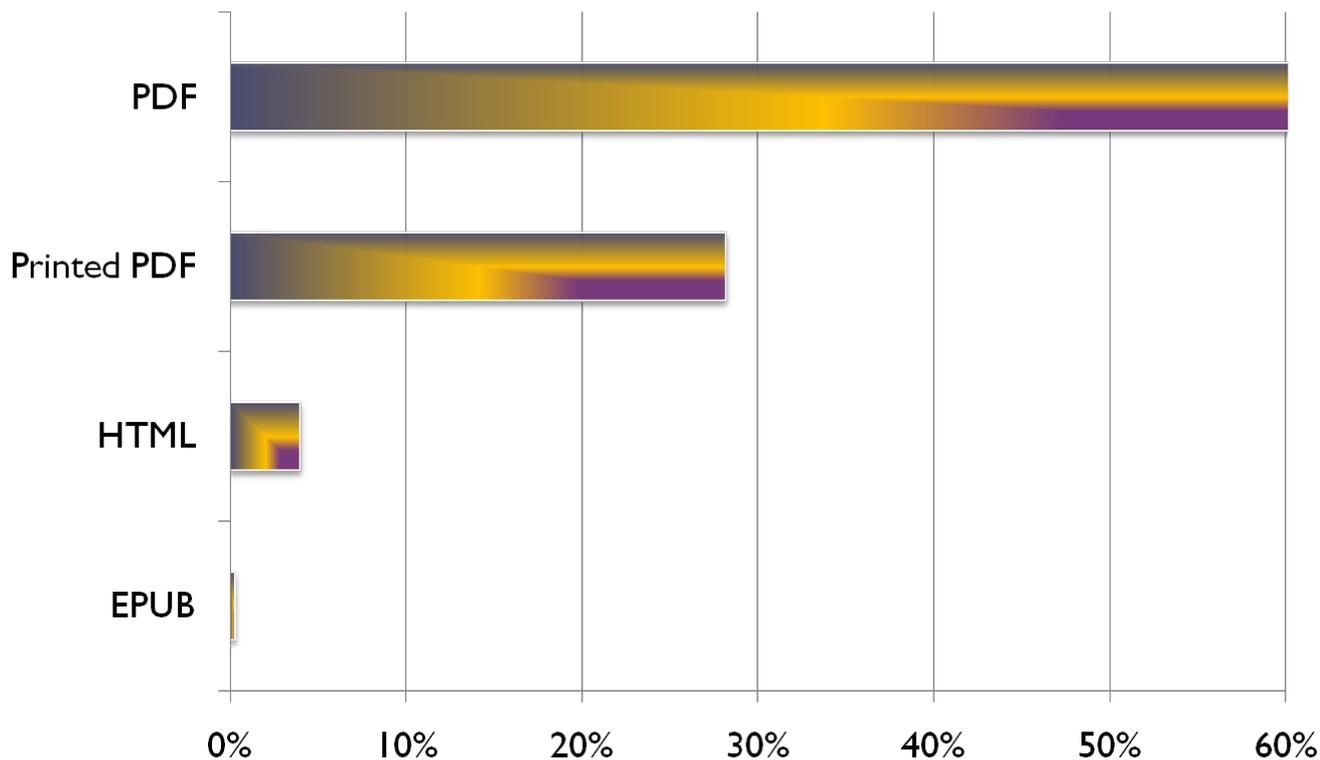




## ACCESS GATEWAYS



## OPINION: PREFERRED ONLINE FORMAT





# JRRD

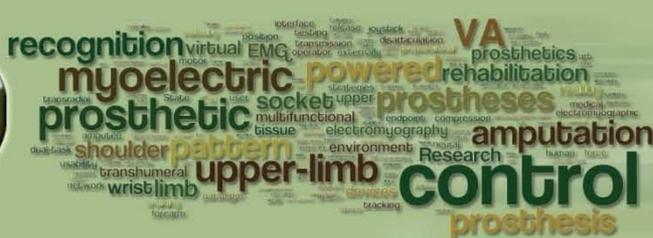
recognition virtual EMG powered rehabilitation VA prosthetics  
myoelectric socket upper prostheses  
prosthetic multifunctional tissue electromyography amputation  
shoulder pattern environment Research  
transhumeral upper-limb control  
wrist limb prosthesis

## Social Media Metrics

Johanna L. Gribble



# JRRRD



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### JRRRD - Journal of Rehabilitation Research and Development

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 **JRRRD - Journal of Rehabilitation Research and Development**  
A review of techniques to measure ankle-foot orthesis rigidity in JRRD 48(5)  
<http://bit.ly/kVYy4c>

#### JRRRD - Techniques to measure rigidity of ankle-foot orthesis: A review

[bit.ly](http://bit.ly)  
Abstract — We performed this review to provide a clearer understanding of how to effectively measure ankle-foot orthesis (AFO) rigidity. This...

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#### JRRRD - Reliability of standardized assessment for adults who are deafblind

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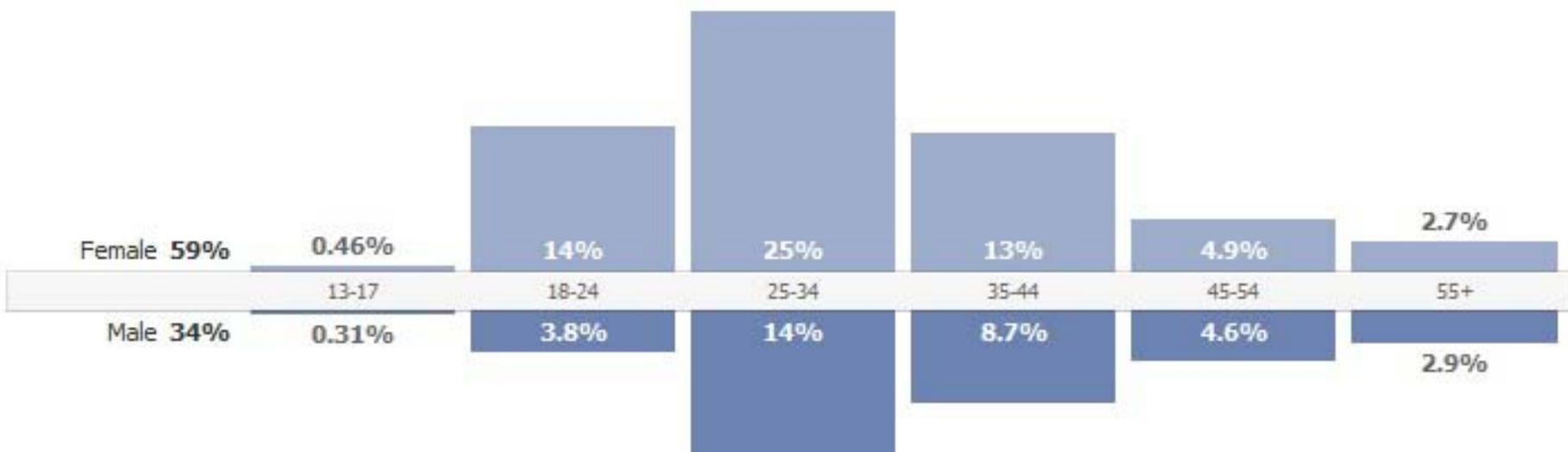
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Watch out! Testing collision-avoidance systems in power wheelchairs in JRRD 48(5)  
<http://bit.ly/mzU75r>

#### JRRRD - Performance testing of collision-avoidance system for power wheelchairs



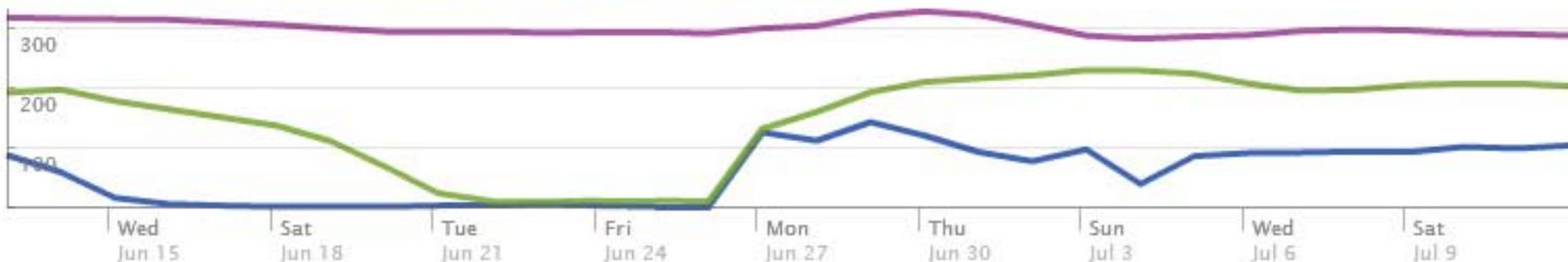


## Demographics: Gender and Age



## More Metrics

Daily Active Users    
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### Top Users

- 163 Spain
- 139 United States
- 47 Colombia
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- 284 Spanish
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transhumeral wrist limb prosthesis

## JRRRD Twitter

**JRRRD**  
@JRRDeditor Baltimore, MD  
Free rehabilitation publication available to all veterans, lay public, scientists, physicians, and clinicians.  
<http://www.rehab.research.va.gov/jrrd>

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## Coming Soon!

# Google+



## Plagiarism

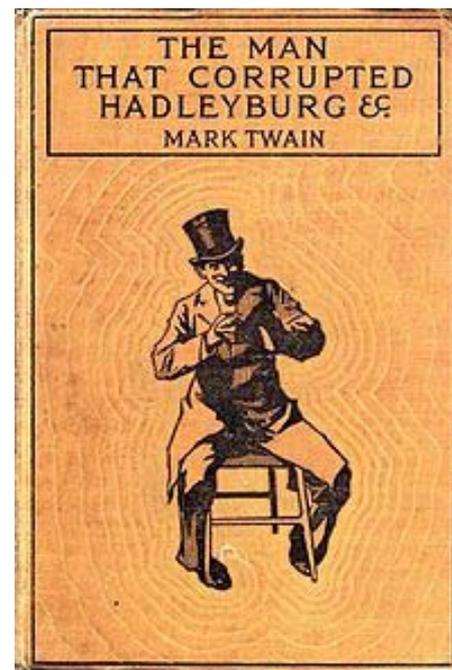
- 🔥 Last summer we instituted use of iThenticate powered by CrossRef
- 🔥 ALL accepted papers are run through iThenticate
- 🔥 Plagiarism defined clearly in the JRRD Editorial Policies (page 11)

## “Is plagiarism a sin if the duplicated material is one’s own?”\*

\*Reich ES. Self-plagiarism case prompts calls for agencies to tighten rules. *Nature*. 2010; 468:745 – IN PACKET



**“A sin takes on new and real terrors when there seems a chance that it is going to be found out.”**



[Mark Twain](#), in [The Man That Corrupted Hadleyburg](#) (1899)

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# Plagiarism Detection: iThenticate

Tristan Horrom





## How does JRRD use iThenticate?

### From *JRRD* Editorial Policies:

“Plagiarism includes copying or paraphrasing text from others or self-work (self-plagiarism), copying equations or graphical renditions not commonly known, using previously published data, and using copied or altered photographs. Plagiarism is a violation of copyright law and is punishable by statute.”

Every article is run through iThenticate before it is edited.

🔍 124 articles tested.

🔍 21 articles found in violation.

Most we catch are self-plagiarism. We have only had one example of external plagiarism.



## Standard Article

Mode: Similarity Report Include Quotes Include Bibliography Exclude small matches Print Download

from the ATT load cell was amplified 250 times with a 2

universal in-line transducer amplifier (Model UV-10, Sensotec, USA), and the amplified signal was filtered using a second-order Butterworth low-pass filter. A

linear regression was used thereafter. To assess the calibration accuracy of displacement and force 40

measurements, 24 test runs (2 trials \* 6 indentation speeds \* 2 modes)

were carried out and the errors calculated from the deviations of the 26

1 86 words / 1% - Internet from Apr 2, 2010  
[www.ieem.ust.hk](http://www.ieem.ust.hk)

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[J.W. Klaesner. "Accuracy and reliability testing of a portable soft tissue indenter". IEEE Transactions on Neural Systems and Rehabilitation Engineering. 6/2001](#)

3 45 words / 1% - Internet from Jan 12, 2007  
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## Article with Plagiarism Issues

Mode:

<p><b>classified veterans by the healthcare system(s) in which they received outpatient healthcare during the predialysis period:</b></p>	<p>1 513 words / 9% - Internet from Jun 15, 2010 <a href="http://www.ajmc.com">www.ajmc.com</a></p>
<p>(1) VA outpatient care only (VA-Only), (2)</p>	<p>2 125 words / 2% - Internet from Jun 15, 2010 <a href="http://www.ajmc.com">www.ajmc.com</a></p>
<p><b>VA and Medicare outpatient care (Dual), and (3) Medicare outpatient care only (Medicare-Only). Adapting a previously developed algorithm (32), healthcare system determination was made from VA and /or Medicare encounters in the following types of outpatient care: primary care, specialty care, auxiliary clinic care, and psychiatric care. Any single VA or Medicare encounter for any of these four groups was considered evidence of healthcare use in that particular system.</b></p>	<p>3 62 words / 1% - Internet from Oct 23, 2009 <a href="http://www.ncbi.nlm.nih.gov">www.ncbi.nlm.nih.gov</a></p> <p>4 43 words / 1% - Internet from Feb 20, 2007 <a href="http://www.pophealthmetrics.com">www.pophealthmetrics.com</a></p> <p>5 23 words / &lt; 1% match - Internet from Apr 30, 2003 <a href="http://www.nasbo.org">www.nasbo.org</a></p> <p>6 23 words / &lt; 1% match - CrossCheck <a href="#">Michael J Fischer. "Sociodemographic factors contribute to the depressive affect among African Americans with chronic kidney disease". Kidney International. 03/03/2010</a></p>





## The Rules Have Changed

- 🕯 With the rise of new technology, publishers are working to establish new rules for plagiarism.
- 🕯 We want to educate authors that practices accepted in the past will no longer be allowed.
- 🕯 iThenticate and COPE recently sent a survey to editors with questions such as:
  - 🕯 What are your views on verbatim or near-verbatim copying of a short extract from another work?
  - 🕯 What is your policy regarding authors who cut-and-paste materials from other sources and integrate it with their own text?
  - 🕯 Do you think papers previously published in conference proceedings can legitimately be republished in a journal with the addition of new content?

## eXtyles/Typefi/ePub

- 🔦 Allow full scale deposition in PubMed Central
- 🔦 ePub, fully accessible for mobile platforms utilizing XML
- 🔦 DAISY - Digital Accessible Information System (for people who have visual impairments)

## Summary

- 🔦 JRRD, (47<sup>th</sup> year of publication) is a world recognized/cited rehabilitation publication
- 🔦 Known for bringing accessible content to the stakeholder
- 🔦 Scientifically more stringent and more accountable
- 🔦 Fully utilizing Web 2.0/social networking to increase dissemination
- 🔦 Emphasis on “going green” as a way to conserve resources, repackaging & reutilizing existing content, & shift from print to ePub

# JRRD

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upper-limb control  
prosthesis  
transhumeral wrist limb  
multifunctional tissue electromyography amputation  
interface, feedback, operation, deactivation, prosthetics, rehabilitation, medical, compression, research, prostheses, socket, upper, prostheses, amputation, control, prosthesis, shoulder, pattern, environment, Research, upper-limb, control, prosthesis, transhumeral, wrist, limb, multifunctional, tissue, electromyography, amputation, interface, feedback, operation, deactivation, prosthetics, rehabilitation, medical, compression, research, prostheses, socket, upper, prostheses, amputation, control, prosthesis, shoulder, pattern, environment, Research, upper-limb, control, prosthesis, transhumeral, wrist, limb, multifunctional, tissue, electromyography, amputation

## Thank you



