

Impact Factors of Journals in Sport and Exercise Science and Medicine for 2010

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The biggest gain this year in the impact factor (mean cites per article per year) for journals specializing in exercise or sport science or medicine was that of the Journal of Strength and Conditioning Research, now on 1.5 (up by 88% from last year's 0.8). Other journals with gains of at least 30% include Journal of Sport and Exercise Psychology (3.0), Journal of Athletic Training (2.5), Journal of Orthopaedic and Sports Physical Therapy (2.5), Psychology of Sport and Exercise (2.2), Pediatric Exercise Science (1.6), Journal of Sport and Social Issues (1.0), and International Journal of Sport Psychology (1.0). Journals gaining by 10-30% include Exercise and Sport Sciences Reviews (3.2), British Journal of Sports Medicine (2.5), Human Movement Science (2.1), Applied Physiology Nutrition & Metabolism (2.0), Journal of Applied Sport Psychology (1.3), and Sports Medicine and Arthroscopy Review (1.2). The following journals showed little change: Medicine and Science in Sports and Exercise (3.7), Sports Medicine (3.1), Scandinavian Journal of Medicine and Science in Sports (2.3), Archives of Physical Medicine and Rehabilitation (2.2), International Journal of Sports Medicine (1.6), American Journal of Physical Medicine and Rehabilitation (1.6), Journal of Sports Sciences (1.6), Clinical Journal of Sport Medicine (1.5), Clinics in Sports Medicine (1.3), and Research Quarterly for Exercise and Sport (1.1). Journals dropping by more than 10% were Exercise Immunology Review (2.4), Journal of Science and Medicine in Sport (1.6), Journal of Aging and Physical Activity (1.5), and International Journal of Sport Nutrition and Exercise Metabolism (1.2). There are five newcomers: European Review of Aging and Physical Activity (0.6), Journal of the International Society of Sports Nutrition (0.5), Journal of Exercise Science and Fitness (0.6), Journal of Human Kinetics (0.4), and Journal of Sport Economics (0.6). A site devoted to a democratic publication process was launched this year. KEYWORDS: citation, publication, research.

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Update Dec 2010. Added [International Journal of Coaching Science](#) and [International Journal of Computer Science in Sport](#) to the list.

Updates Sept 2010. I had omitted two newcomers: European Review of Aging and Physical Activity (0.6), and Journal of the International Society of Sports Nutrition (0.5). Also, I asked [WebMedCentral](#) for information on the identity and credentials of the editorial team, but I got no reply.

This article is my annual update of the impact factor (mean cites per article per year) of journals in the disciplines of exercise and sport science and medicine, cribbed from the latest edition of Journal Citation Reports at the Thompson Reuters/ISI Web of Knowledge site.

Access to impact factors and other citation statistics for these and other journals requires an institutional subscription to Web of Science. [Last year's update](#) provides more information about the impact factor, its limitations, and related statistics. Table 1 shows the values of the impact factors, and the abstract above is a summary focusing on changes since last year.

In previous updates I have elaborated on the impact factor and other citation statistics. This year my increasing disenchantment with the peer-review and editorial process for some journals has prompted me to acquaint you with something different. One colleague (Carl Paton) recently brought my attention to [WebMedCentral](#), a new publication site that is

attempting to disseminate research findings in a more open and democratic manner than that of the traditional journals, dominated as they are by the autocracies of their disciplines. The idea behind the site is that practically everything gets published, but so do any non-anonymous reviews of the articles and the authors' responses. The articles themselves can also be updated. It's easy to think of ways this process won't work, and the publication format needs

improving, but let's hope it will evolve in a self-correcting manner into something to challenge the usual journals. As yet there are no papers devoted to sport science at the site, and there is no information about the identity or credentials of the editorial team. I won't be submitting my research there yet.

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Table 1: Impact factors (cites per article per year) for sport and exercise science journals based on papers published in 2007 and 2008 that were cited in 2009. Some impact factors are shown as inequalities, to comply with terms of use set by Thomson Reuters. "<1.0" implies a value between 0.1 and 1.0. ??? indicates absence from the database of a journal that was previously listed. A journal without an impact factor is not in Thomson Reuter's science or social sciences data-bases, either because the journal is too new or the factor is too low. Color indicates direction and magnitude of change in impact factor since last year, as follows:

↑ 70-88%		↑ 30-69%		↑ 10-29%		↑↓ 0-9%		↓ 10-33%	
<1.0	ACSM's Health and Fitness Journal								European Sports History Review
2.8	Acta Physiologica (Scandinavica)					2.4			Exercise Immunology Review
0.9	Adapted Physical Activity Quarterly					3.2			Exercise and Sport Sciences Reviews
	American Journal of Medicine and Sports					2.6			Gait and Posture
1.6	American Journal of Physical Medicine & Rehabilitation					1.6			High Altitude Medicine and Biology
4.4	American Journal of Physiology - Endo & Metab					2.1			Human Movement Science
3.7	American Journal of Physiology - Heart & Circ								International Journal of Coaching Science
3.6	American Journal of Sports Medicine								International Journal of Computer Science in Sport
1.1	Applied Ergonomics					5.3			International Journal of Epidemiology
2.0	Applied Physiology Nutrition & Metabolism								International Journal of History of Sport
<1.0	Applied Psychological Measurement								International Journal of Performance Analysis in Sport
1.8	Applied Psychology-International Review					1.2			International J of Sport Nutrition & Exercise Metabolism
2.2	Archives of Physical Medicine and Rehabilitation					1.0			International Journal of Sport Psychology
<1.0	Athletic Therapy Today					1.6			International Journal of Sports Medicine
1.0	Aviation Space and Environmental Medicine								International J of Sports Physiology & Performance
2.9	Behavior Research Methods								International Review for the Sociology of Sport
<1.0	Biology of Sport					<1.0			International Sportmed Journal
2.5	British Journal of Sports Medicine								International Sports Journal
1.8	Clinical Biomechanics					<1.0			Isokinetics and Exercise Science
1.5	Clinical Journal of Sport Medicine					<1.0			Japanese Journal of Physical Fitness and Sport
1.3	Clinics in Sports Medicine					1.5			Journal of Aging and Physical Activity
	Current Sports Medicine Reports					1.5			Journal of Applied Behavior Analysis
???	Deutsche Zeitschrift fur Sportmedizin								Journal of Applied Behavioral Science
	Electromyography and Motor Control					<1.0			Journal of Applied Biomechanics
1.4	Ergonomics					3.7			Journal of Applied Physiology
2.0	European Journal of Applied Physiology					3.8			Journal of Applied Psychology
0.7	European Journal of Sport Science					1.3			Journal of Applied Sport Psychology
0.6	European Review of Aging and Physical Activity					2.5			Journal of Athletic Training

2.7	Journal of Biomechanics	<1.0	Journal of Teaching in Physical Education
1.5	Journal of Clinical Psychology	1.0	Leisure Sciences
	Journal of Comparative Physical Education & Sport		Leisure Studies
2.0	Journal of Electromyography and Kinesiology		Measurement in Physical Education & Exercise Science
3.0	Journal of Epidemiology and Community Health	<1.0	Medicina dello Sport
	Journal of Exercise Physiology Online	3.7	Medicine and Science in Sports and Exercise
0.6	Journal of Exercise Science & Fitness		Medicine and Sport Science
0.4	Journal of Human Kinetics	1.5	Motor Control
???	Journal of Human Movement Studies	1.6	Pediatric Exercise Science
	Journal of Human Performance in Extreme Environments		Pediatric Physical Therapy
0.5	Journal of the International Society of Sports Nutrition	<1.0	Perceptual and Motor Skills
<1.0	Journal of Leisure Research		Physical Educator
1.6	Journal of Motor Behavior	2.1	Physical Therapy
1.9	Journal of Occupational & Environmental Medicine	<1.0	Physical Therapy in Sport
2.5	Journal of Orthopaedic & Sports Physical Therapy	???	Physician and Sportsmedicine
<1.0	Journal of the Philosophy of Sport	2.2	Psychology of Sport and Exercise
	Journal of Physical Education, Recreation, & Dance	<1.0	Quest
4.8	Journal of Physiology		Research in Sports Med (was Sports Med Train Rehab)
1.6	Journal of Science and Medicine in Sport	1.1	Research Quarterly for Exercise and Sport
1.1	Journal of Social and Clinical Psychology	2.3	Scandinavian Journal of Medicine & Science in Sports
3.0	Journal of Sport and Exercise Psychology	<1.0	Science and Sports
1.1	Journal of Sport and Social Issues	<1.0	Sociology of Sport Journal
	Journal of Sport Behavior		Sport History Review
0.6	Journal of Sport Economics	<1.0	Sport, Education, and Society
	Journal of Sport History	1.3	(The) Sport Psychologist
<1.0	Journal of Sport Management	0.8	Sports Biomechanics
<1.0	Journal of Sport Rehabilitation		Sports Exercise and Injury
	Journal of Sports Chiropractic and Rehabilitation	3.1	Sports Medicine
0.8	Journal of Sports Medicine and Physical Fitness	1.2	Sports Medicine and Arthroscopy Review
0.8	Journal of Sports Science and Medicine	<1.0	Sportverletzung-Sportschaden
1.6	Journal of Sports Sciences		Strength and Conditioning
	Journal of Sports Traumatology	???	Strength and Conditioning Journal
1.5	Journal of Strength and Conditioning Research		Women in Sport & Physical Activity Journal
	Journal of Swimming Research		

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