

Unser Anspruch



Nationalen Leistungssport mit neusten wissenschaftlichen Erkenntnissen versorgen.

SPRINT

SPINNET



Sportwissenschaftliche Fachinformation
und Social Media.

Chancen und Herausforderungen

Social Media



"Von Wissenschaftlern
für Wissenschaftler."
ResearchGate

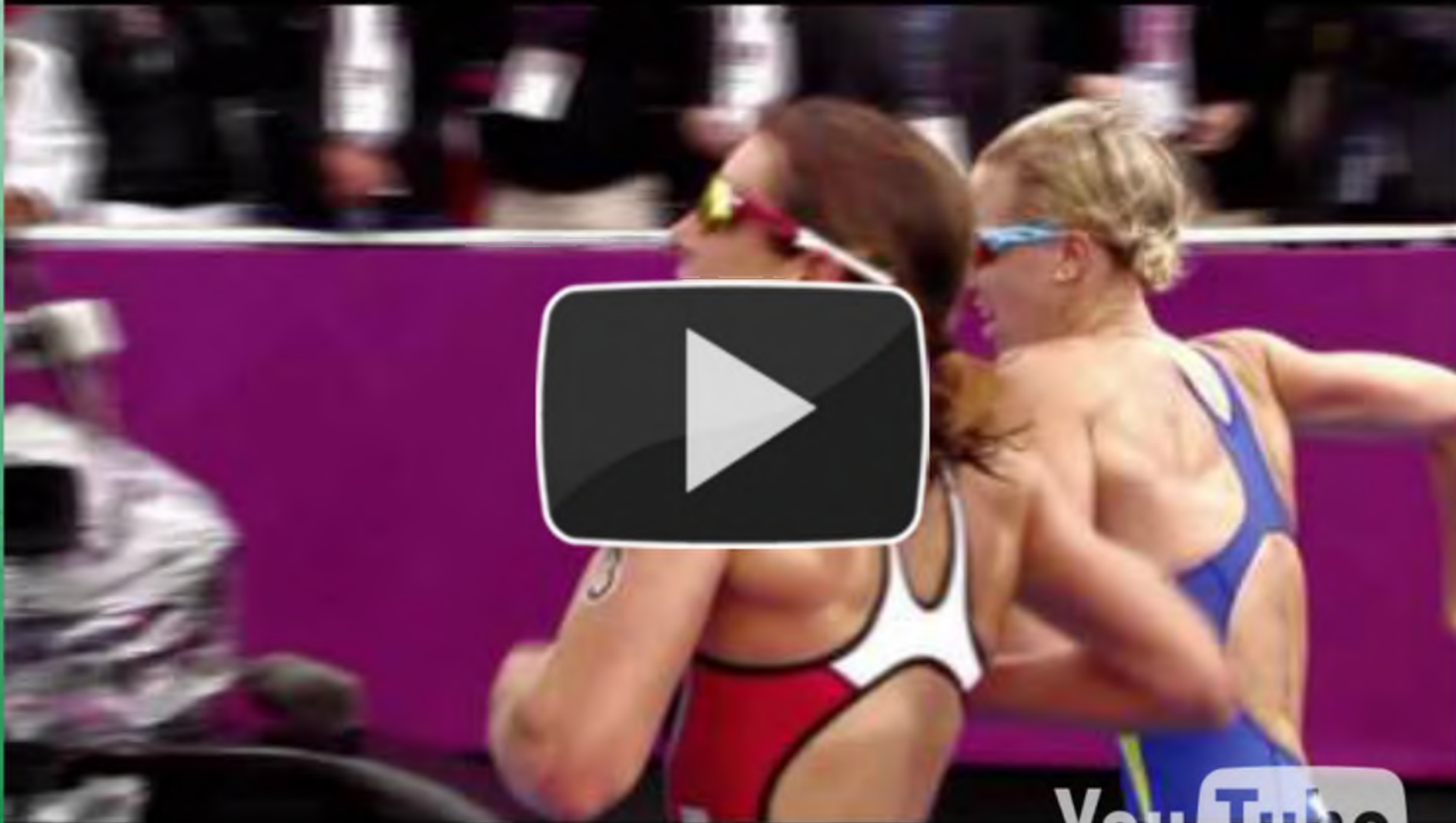
"We're changing science
in a way that's not
entirely foreseeable."
Van Noorden (2014)

ResearchGate

Sportwissenschaftliche Fachinformation und Social Media.

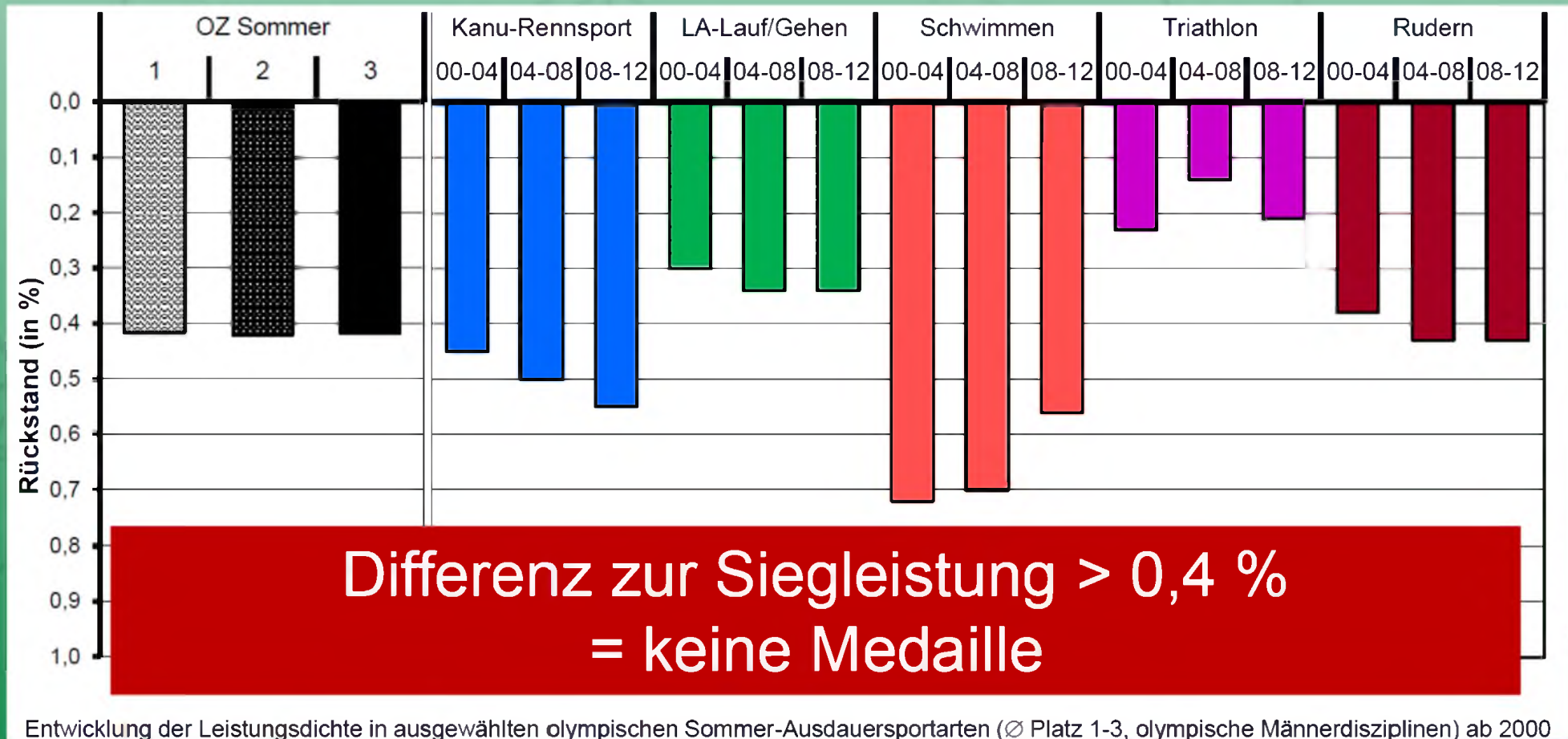
Chancen und Herausforderungen

Axel Brüning | 37. AGSB-Jahrestagung Basel | 15.09.2016



YouTube

Internationale Leistungsdichte



Entwicklung der Leistungsdichte in ausgewählten olympischen Sommer-Ausdauersportarten (Ø Platz 1-3, olympische Männerdisziplinen) ab 2000

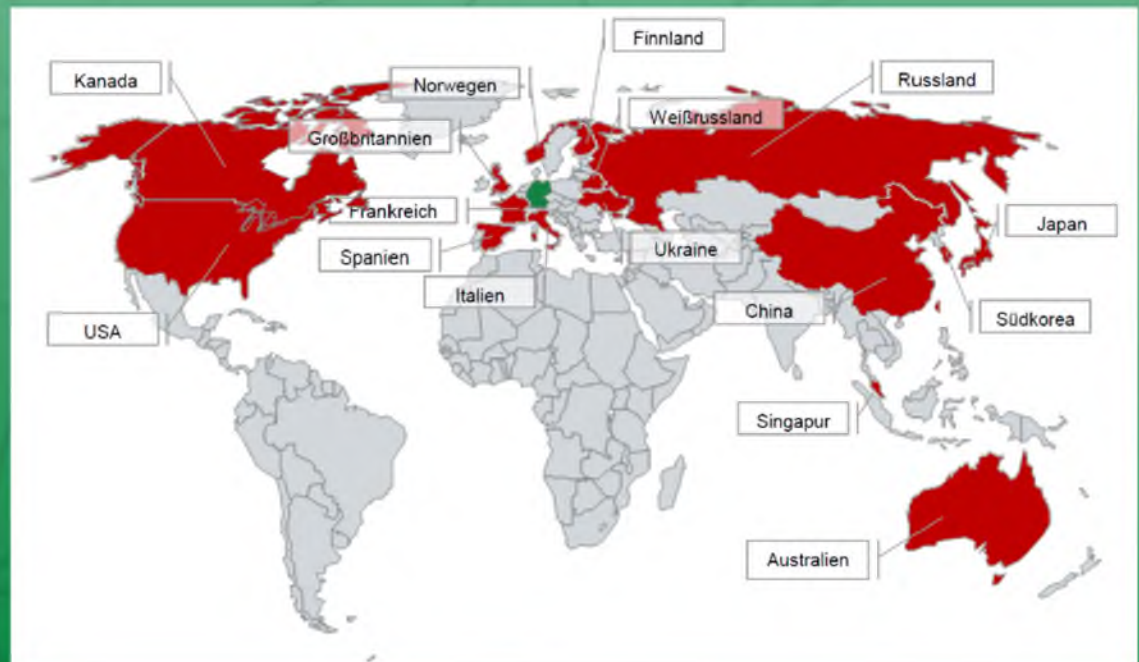
Internationale Leistungssportforschung

Die wissenschaftliche Unterstützung des Leistungssports wird in führenden Sportländern als **zunehmend wichtig** erachtet und ist einer von insgesamt 9 Pfeilern, die erfolgreiche nationale Leistungssportsysteme kennzeichnen.

Sandner (2015)

Die **Länder mit der am besten ausgebauten wissenschaftlichen Unterstützung** (durch zentrale/nationale Forschungszentren und/oder wissenschaftliche Netzwerke) sind auch leistungsmäßig an der Spitze.

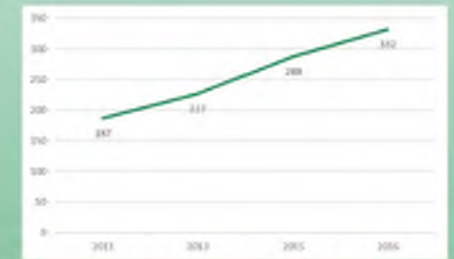
Sandner (2015)



Tippelt (2016)

Unser Anspruch

Entwicklung beobachteter Zeitschriften



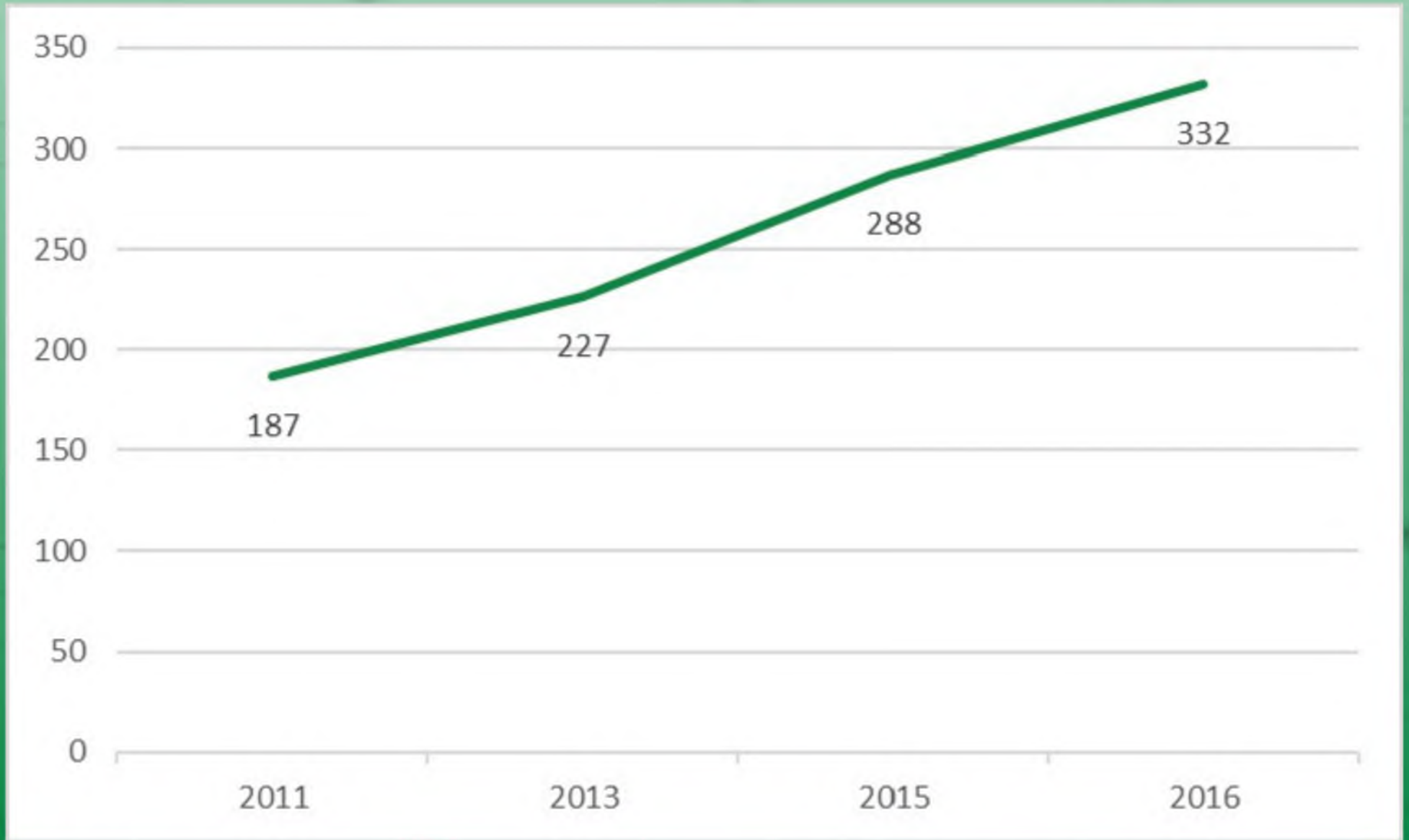
Nationalen Leistungssport mit neusten wissenschaftlichen Erkenntnissen versorgen.

SPrint

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Entwicklung beobachteter Zeitschriften



Social Media



https://www.cloudfront.net/media_assets/72/original/1392806271.jpg?1392806271

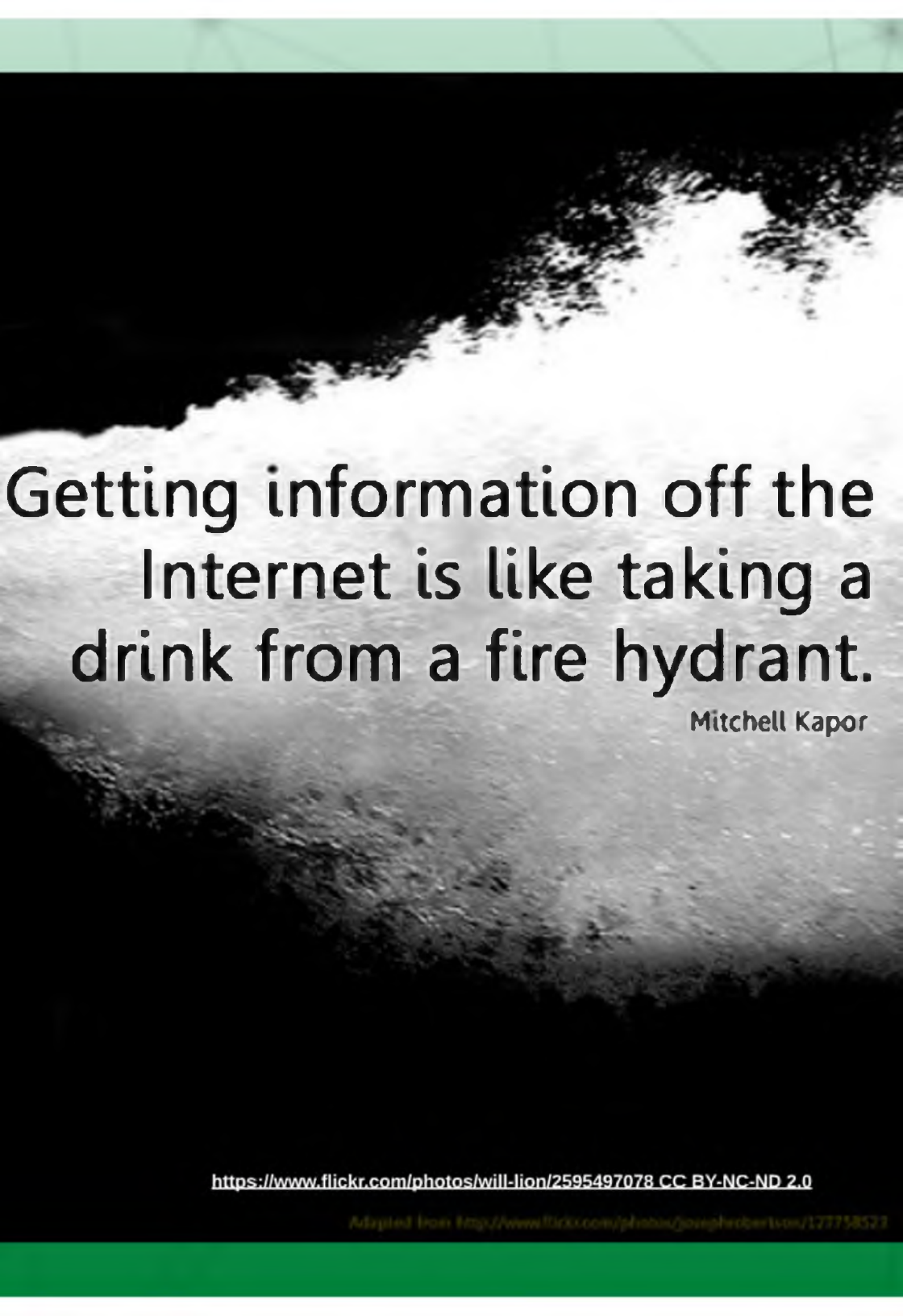


Umfrage unter Wissenschaftlern

37 % der Befragten nutzen wissenschaftliche und berufliche Netzwerke

- Wissenschaftler nutzen soziale Medien
- 37 % der Befragten nutzen wissenschaftliche und berufliche Netzwerke
- 37 % der Befragten nutzen soziale Medien





Getting information off the
Internet is like taking a
drink from a fire hydrant.

Mitchell Kapor

<https://www.flickr.com/photos/will-lion/2595497078> CC BY-NC-ND 2.0

Adapted from <http://www.flickr.com/photos/joegherbertson/177758521>

Umfrage unter Wissenschaftlern

37 % der Befragten
nutzen wissenschaftliche
und berufliche Netzwerke

- bestehende Kontakte pflegen
- neue Kontakte knüpfen und beobachten
- Präsenz zeigen
- über neue Publikationen/Themen informieren
- eigene Forschungsergebnisse teilen



"Von Wissenschaftlern
für Wissenschaftler."

ResearchGate

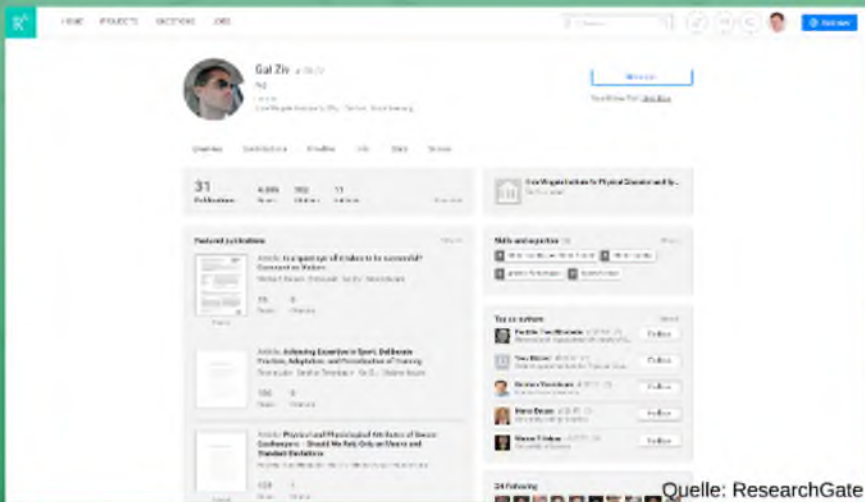
"We're changing science
in a way that's not
entirely foreseeable."

Van Noorden (2014)

ResearchGate

"Netzwerken" ...

... mit anderen Wissenschaftlern in der jeweiligen Spezialisierung.



The image shows a screenshot of a ResearchGate profile for Gal Ziv. The profile includes a profile picture, name, and affiliation (University of Haifa). It displays statistics such as 33 publications, 4,400 citations, and 103 followers. The 'Featured publications' section lists three articles with their titles and citation counts. The 'Metrics and impact' section shows a list of articles with their citation counts and impact scores. The 'Top co-authors' section lists several researchers with their citation counts and impact scores. The '24 following' section shows a list of researchers being followed.

Quelle: ResearchGate

... mittels Publikationen,
Forschungsergebnisse, usw.



Hartmut Sandner
followed an article

Sep 1

Article

The effect of an acute sleep hygiene strategy following a late-night soccer match on recovery of players



March 2016 · Chronobiologie International 33(2016), 28(1)
DOI: 10.1159/0004289328 2016, 1148196

Hugh Fullagar · Sabrina Skorski · Rob Duffield · Tim Meyer

Abstract: Elite soccer players are at risk of reduced recovery following periods of sleep disruption, particularly following late-night matches. It remains unknown whether improving sleep quality o...

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110 Reads

Quelle: ResearchGate

... mit anderen Wissenschaftlern in der jeweiligen Spezialisierung.

The screenshot shows the ResearchGate profile of Gal Ziv. The profile includes a navigation bar with 'HOME', 'PROJECTS', 'QUESTIONS', and 'JOBS'. The user's name 'Gal Ziv' is followed by 'PhD' and 'Lecturer' at the 'Orde Wingate Institute for Physical Education and Sport, Tel Aviv, Israel'. A 'Message' button is visible. Below the profile, there are statistics: 31 Publications, 4.88k Reads, 382 Citations, and 11 Full-texts. The 'Featured publications' section lists three articles with their titles, authors, and metrics (Reads and Citations). The 'Skills and expertise' section lists 'Motor Learning and Motor Control' and 'Athletic Performance'. The 'Top co-authors' section lists several researchers with their names, affiliations, and 'Follow' buttons. The bottom of the page shows '24 Following' with a row of small profile pictures.

HOME PROJECTS QUESTIONS JOBS

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R^G

Gal Ziv · PhD
Lecturer
Orde Wingate Institute for Physical Education and Sport, Tel Aviv, Israel

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You follow Gal. Unfollow

Overview Contributions Timeline Info Stats Scores

31 Publications
4.88k Reads 382 Citations 11 Full-texts [View stats](#)

Orde Wingate Institute for Physical Education and Sport
Tel Aviv, Israel

Featured publications [View all](#)

Article: **Is a 'quiet eye' all it takes to be successful? Comment on Vickers**
Werner F. Helsen · Oron Levin · Gal Ziv · Marco Davate
55 Reads · Citations

Article: **Achieving Expertise in Sport: Deliberate Practice, Adaptation, and Periodization of Training**
Ronnie Lidor · Gershon Tenenbaum · Gal Ziv · Vladimir Isakov
106 Reads · 0 Citations

Article: **Physical and Physiological Attributes of Soccer Goalkeepers – Should We Rely Only on Means and Standard Deviations**
Pantelis Theo Nikolaidis · Gal Ziv · Michal Arnon · Ronnie Lidor
128 Reads · 1 Citation

Skills and expertise (12) [View all](#)

- Motor Learning and Motor Control (3)
- Motor Learning (3)
- Athletic Performance (4)
- Sports Science (2)

Top co-authors [View all](#)

- Pantelis Theo Nikolaidis** · 31,96 (48) [Follow](#)
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- Yaav Meckel** · 23,66 (2) [Follow](#)
Orde Wingate Institute for Physical Education and Sport
- Gershon Tenenbaum** · 39,51 (25) [Follow](#)
Florida State University
- Marco Davate** · 26,43 (11) [Follow](#)
University College London
- Werner F Helsen** · 32,77 (13) [Follow](#)
University of Leuven

24 Following

Quelle: ResearchGate

... mittels Publikationen,
Forschungsergebnisse, usw.



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followed an article

Sep 1

Article

The effect of an acute sleep hygiene strategy following a late-night soccer match on recovery of players



Source

March 2016 · Chronobiology International 03/2016; 33(3)

DOI:10.3109/07420528.2016.1149190

Hugh Fullagar · Sabrina Skorski · Rob Duffield · Tim Meyer

Abstract: Elite soccer players are at risk of reduced recovery following periods of sleep disruption, particularly following late-night matches. It remains unknown whether improving sleep quality o...

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110 Reads

Quelle: ResearchGate

Fragen und Antworten



Giorgio Aquila asked a question

What could be the best protocol for TUNEL assay in 4% PFA fixed tissues?

Hello everybody, I was looking for a reliable protocol for detecting apoptosis in my samples. Specifically, I fixed a rat heart O.N., then I put it in 30% sucrose for 36h to dehydrate. After having cut 10um [more]

[New](#) *Be the first to answer*

[Follow](#) [Answer](#)



Goran A. M. asked a question

Calculating muscle length using origin and insertion anatomical data ?

If the gastrocnemius muscle origin (Ox Oy Oz) is given related to knee joint and the insertion (ix iy iz) is given related to the ankle joint. How muscle length can be determined? What if the joint's [more]

[1 answer added](#)

[Follow](#) [Answer](#)



Jacob Chan asked a question

What is a good normalization technique that I can use?

I am trying to normalize a matrix that I have, which is a flow matrix. The goal is to make the matrix pre-magic such that the sum of rows are equal to sum of columns. I rounded it off to the nearest integer. [more]

[2 answers added](#)

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Hafsan Ahmad asked a question

How can I get the significant phase synchronization values in real time?

Hi, I have designed an algorithm that calculates the phase synchronization of two signals acquired in real time. The synchronization value approaches 1 when phase of both signals [more]

[New](#) [4 researchers waiting for an answer](#)

[Follow](#) [Answer](#)



George MacDonald
Bournemouth University

Is it possible to research and evaluate an athlete's decision making skill?

For my dissertation I am lucky enough to research 3D MOT (multiple object tracking) software to identify progression in MOT. 3D MOT has a great clinical background with improving peripheral awareness, pedestrian avoidance for elders, recover from injury and it also boasts the ability to improve decision making. As the software I will be using is up and coming in the professional sporting environment I would like to test the relationship of MOT and decision making skills however the question arises as to is it possible to test decision making skills in a sport environment? And if so how? Is it academically backed?

TOPICS

[Sports Science](#) [Sport Psychology](#) [3D Motion Analysis](#) [Motor Tracking](#) [Object Tracking](#)

Jan 22, 2015

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ALL ANSWERS (7)



Douglas Glenn Chang · [24.70](#) · [56.56](#) · University of California, San Diego

there are probably other tests available in the Psychology field, but as a start you might check out the "Go-No Go" test. I used it in my poster (available on ResearchGate): "Signs of mild traumatic brain injury in active duty us marines can be measured with brain MRI magneto-encephalography."

[1 / 5](#) · Jan 26, 2015

Quelle: ResearchGate

Recherche

Recherche im ResearchGate-Netzwerk nach

- Wissenschaftlern
- Themen
- Fragen
- ...
- **Publikationen**



SPRINT

Erweiterung



SPRINT-E-Mail

1. Tayebi, S. M., Mahdian, H. & Mahmoudi, S. A. (2016). Short-term adaptation of some iron indices of young elite wrestlers to three types of aerobic, anaerobic, and wrestling training (Kurzfristige Anpassung einiger Eisen-Indizes junger Spitzenklasser an drei Arten aeroben, anaeroben und ringerspezifischen Trainings). *International Journal of Applied Exercise Physiology*, 5 (1), 12-16. Zugriff am 06.09.2016 unter <http://ijaep.com/index.php/IJAE/article/view/107>

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[ResearchGate-Anfrage](#)



The central role of iron in oxygen transport makes it a key element for sports performance. Since acid-based balance is among the most important functions conducted by iron and the dominant energy system in wrestling depends on acid lactic system, then the investigation of wrestlers' iron status would be an important issue. The present study was conducted to study the short term adaptation to some iron indices of elite wrestlers to two and three non-consecutive sessions of three types of aerobic, anaerobic, and wrestling exercises. A total of 24 elite volunteer wrestlers with the history of at least 5 years sport activity and three wrestling sessions per week were randomly categorized into three groups of eight people practicing aerobic, anaerobic, and routine wrestling exercises. The exercises were conducted during three non-consecutive sessions within a week. The aerobic exercises included 35 min of continuous running with 130 bits per minute (BPM) on a treadmill machine, the anaerobic exercises included 15 min circuit movements and 15 min rest with 160 BPM, and the wrestling training included routine wrestling exercises. Blood sampling was done 24 h before the first session, 24 h after the second session, and 24 h after the third session in order to investigate the short term adaptations. The study of short term adaptation to two non-consecutive exercise sessions showed that aerobic exercise as compared to wrestling exercise led to significant decline in serum iron ($p=0.006$). Wrestling exercise as compared to aerobic and anaerobic exercise led to significant decline of serum ferritin [respectively ($p=0.014$) and ($p=0.004$)]. Serum TIBC of three aerobic, anaerobic, and wrestling exercises groups had no significant difference ($F=1.24$, $p=0.309$). The study of short term adaptation to three sessions of non-consecutive exercises showed that none of the variables of serum iron, ferritin, and TIBC in the three aerobic, anaerobic, and wrestling exercises groups had no significant change [respectively ($F=2.4$, $p=0.11$), ($F=3.04$, $p=0.07$), and ($F=1.33$, $p=0.29$)]. In the study of short term adaptation to two non-consecutive stages, the wrestlers who practiced wrestling exercises confronted the first stage of iron deficiency in short term adaptation to two non-consecutive stages, because they showed lower level of iron stores (reduced level of serum ferritin). On the other hand, the wrestlers who practiced aerobic exercises had lower level of serum iron and so were settled in the second stage of iron deficiency. However, there was no difference observed between the practical methods in terms of iron indices in the study on short term adaptation to the three stages of non-consecutive stages. (ID: [4040239](#))

Recherchenergebnisse in ResearchGate

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Q Short-term adaptation of some iron indices of young elite wrestlers to three type X

Article: **Short-Term Adaptation of Some Iron Indices of Young Elite Wrestlers to Three Types of Aerobic, Anaerobic, and Wrestling Training**
Seyed Morteza Tayebi · Hosein Mahdian · Seyed Aliakbar Mahmoudi
Full-text Article · Apr 2016
Source

Article: **EFFECT OF INTERMITTENT HYPDIXIC TRAINING ON NOXIOUS EXERCISE PERFORMANCE IN ELITE WRESTLERS**
R. Arabaci
[\[Show abstract\]](#)
Article · Jan 2015 · Oxidation Communications

Article: **Dependence of work capacity recovery after strenuous training sessions upon individual predisposition of skilled wrestlers to work under different energy modes**
Stanislaw Sawczyn · W. Jaglieflo · Valentin I. Fetisov · Viktor S. Mishchenko
[\[Show abstract\]](#)
Full-text Article · Jun 2015 · Archives of Budo
Source

Article: **The Comparison of Physical and Physiological Profiles in Elite and Amateur Young Wrestlers**
Erkan Demirkan · Mitat Koz · Mehmet Kutlu · Mike Favre
[\[Show abstract\]](#)
Full-text Article · Dec 2014 · The Journal of Strength and

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Quelle: ResearchGate

Vielen Dank für Ihre Aufmerksamkeit!

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des Deutschen Bundestages

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