

The JOURNAL of BIOMEDICAL RESEARCH

Dr. Bo Cui
Executive Editor

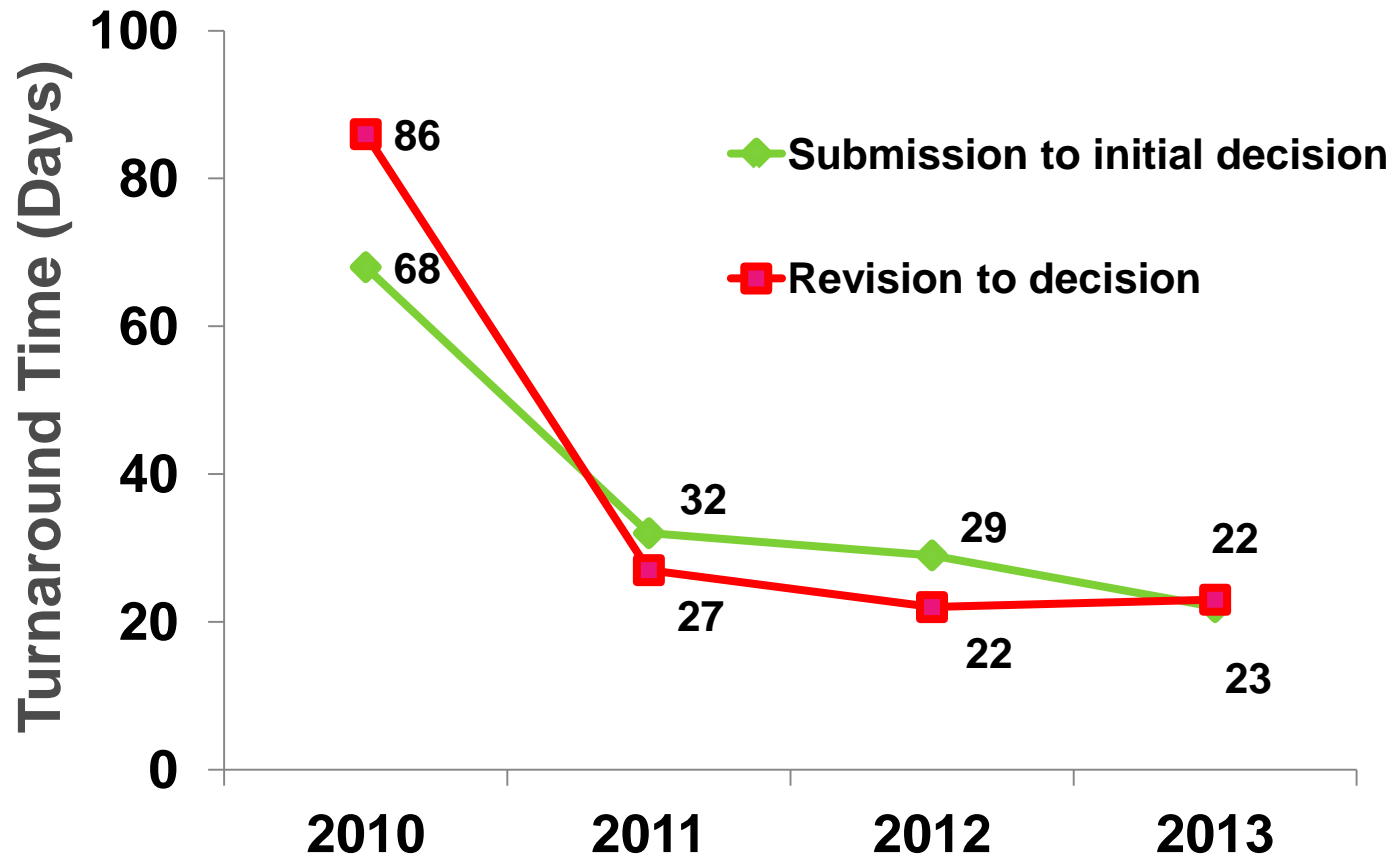
May 6, 2013 Nanjing



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2012

0.864 *Chin Med J*

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Current Journal Standing



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April 2, 2013

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[Top 100 Journals](#)

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[Publishers](#)

[Top 20 Publishers](#)

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Index Copernicus China - Top 100 Journals

	_JOURTITL	ISSN	INDEX COPERNICUS 2011
1.	Acta Pharmacologica Sinica	1671-4083	25.34
2.	Journal of Genetics and Genomics	1673-8527	20.26
3.	International Journal of Oral Science	1674-2818	15.76
4.	Acta Mechanica Sinica	0567-7718	13.19
74.	Acta Academiae Medicinae Sinicae	1000-503X	5.71
75.	Journal of Biomedical Research	1674-8301	5.61
76.	Journal of Xi'an Jiaotong University (Medical Sciences)	1671-8259	5.55
77.	Asian Pacific Journal of Tropical Biomedicine	2221-1691	5.49



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Diversify Journal Content


- Editorial
- Original article
- Review article
- Case report
- Letter to the editor
- Perspective



Diversify Journal Content

Perspective

Medical simulation-based education improves
medicos' clinical skills

Zhaoming Wang^a, Qiaoyu Liu^b, Hai Wang^a, 



Diversify Journal Content



Score in context

Above the average for an article this age (53rd percentile)

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Medical simulation-based education improves medicos' clinical skills.

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Medical simulation-based education improves medicos' clinical skills [China]
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08-Apr-2013



G Butler
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Medical simulation-based education improves medicos' clinical skills.
<http://t.co/M0oauEIQKW> #CMEchat

15-Apr-2013



Diversify Journal Content

Dear Editor:

Wang et al. should be congratulated for giving a comprehensive review of simulation training in healthcare^[1]. Whilst all the points they make are correct, they concentrate on the benefits of simulation whilst largely ignoring the downsides of this new modality of medical education. The advantages of simulation by and large outweigh the disadvantages; however, the disadvantages are worth examining also – if only to get a balanced view.

First of all, the authors ignore the costs of simulation. When the costs of hardware, software, facilities, faculty, and administrative and technology staff are all added up, such costs will be substantial.^[2]

Practising on real patients (although it has many advantages) is essentially free, whereas simulation is relatively expensive. There are ways to reduce costs and maintain quality in simulation-delivered medical education (for example, by concentrating on fidelity rather than technology and by ensuring that simulators are used to their maximum capacity); however, high costs still cannot be discounted totally.

Secondly, simulation, even though it can mimic very closely the clinical environment, is still not a real experience. Medical students and junior doctors in postgraduate training ultimately need to spend time with real patients and real colleagues in real wards – only then will they be fit for autonomous practice. In

simulated learning, the trainee ultimately knows that their actions in the simulator will not harm patients. On one hand, this is good as it results in a safe learning environment; however, on the other hand, it can result in some students not taking the simulation experience as seriously as they should.

Thirdly and lastly, there is no guarantee that learning in a simulated environment will be transferred to the clinical environment. There are ways to encourage such transfer (for example, once again by ensuring high fidelity); however, transfer can still not be guaranteed.

Best regards,
Sincerely Kieran Walsh,
BMJ Learning,
BMJ Group,
BMA House,
Tavistock Square,
London,
WC1H 9JR, UK.

References

- [1] Wang Z, Liu Q, Wang H. Medical simulation-based education improves medics' clinical skills. *J Biomed Res* 2013; 27: 81-4.
- [2] Zendejas B, Wang AT, Brydges R, Hamstra SJ, Cook DA. Cost: the missing outcome in simulation-based medical education research: a systematic review. *Surgery*. 2013; 153: 160-76.



Diversify Journal Content

- Thematic issues
 - Molecular Epidemiology of Cancer
 - Cardiovascular Physiology
 - Nuclear medicine
 - Metabolism and disease (tentative)
- Invited articles
 - Reviews
 - Perspective, H7N9



Diversify Journal Content

The journal will run an article on H7N9 infection in China in the coming issue:

Risk assessment on the epidemics of human infection with a novel avian influenza A (H7N9) virus in Jiangsu Province

Wendong Liu*, Yefei Zhu*, Xian Qi, Ke Xu, Aihua Ge, Hong Ji, Jing Ai, Changjun Bao, Fenyang Tang, Minghao Zhou

So far only 25 papers on H7N9 have been published In PubMed since the outbreak in China.



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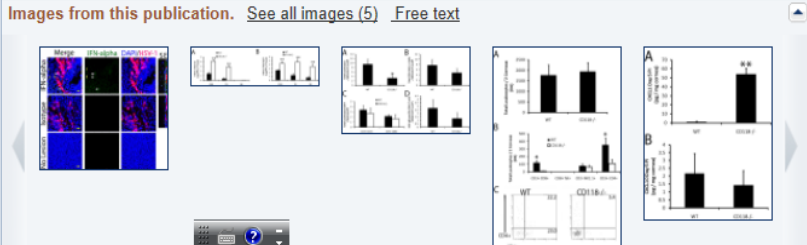
A Functional Type I Interferon Pathway Drives Resistance to Cornea Herpes Simplex Virus Type 1 Infection by Recruitment of Leukocytes.

Conrady CD, Jones H, Zheng M, Carr DJ.
Departments of Microbiology, Immunology, The University of Oklahoma Health Science Center, Oklahoma City, Oklahoma, 73104, USA.

Abstract
Type I interferons are critical antiviral cytokines produced following herpes simplex virus type-1 (HSV-1) infection that act to inhibit viral spread. In the present study, we identify HSV-infected and adjacent uninfected corneal epithelial cells as the source of interferon- α . We also report mice deficient in the A1 chain of the type I IFN receptor (CD118(-/-)) are extremely sensitive to ocular infection with low doses (100 PFU) of HSV-1 as seen by significantly elevated viral titers in the cornea compared to wild type (WT) controls. The enhanced susceptibility correlated with a loss of CD4(+) and CD8(+) T cell recruitment and aberrant chemokine production in the cornea despite mounting an adaptive immune response in the draining mandibular lymph node of CD118(-/-) mice. Taken together, these results highlight the importance of IFN production in both the innate immune response as well as eliciting chemokine production required to facilitate adaptive immune cell trafficking.

PMID: 21709805 [PubMed] PMCID: PMC3119485 [Free PMC Article](#)

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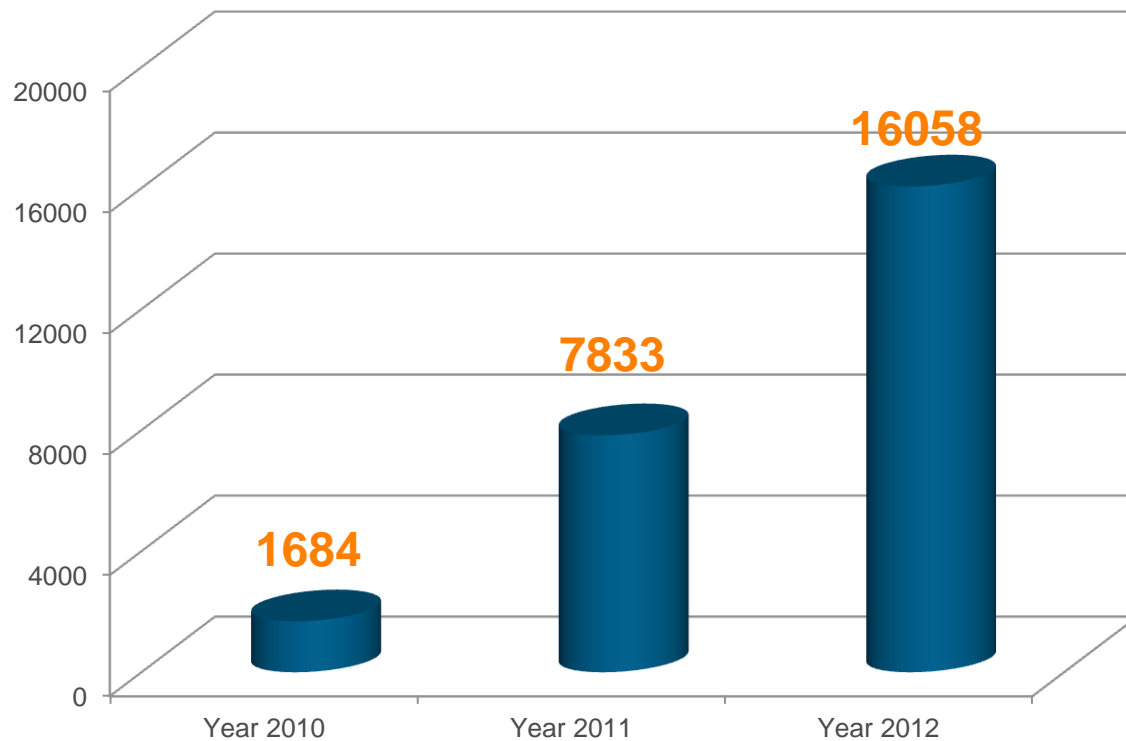
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	v.26(4): 235-306 Jul 2012	v.26(5): 307-393 Sep 2012	v.26(6): 395-477 Nov 2012
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Vol. 24 2010	v.24(1): 2-83 Jan 2010	v.24(2): 87-168 Mar 2010	v.24(3): 169-255 May 2010
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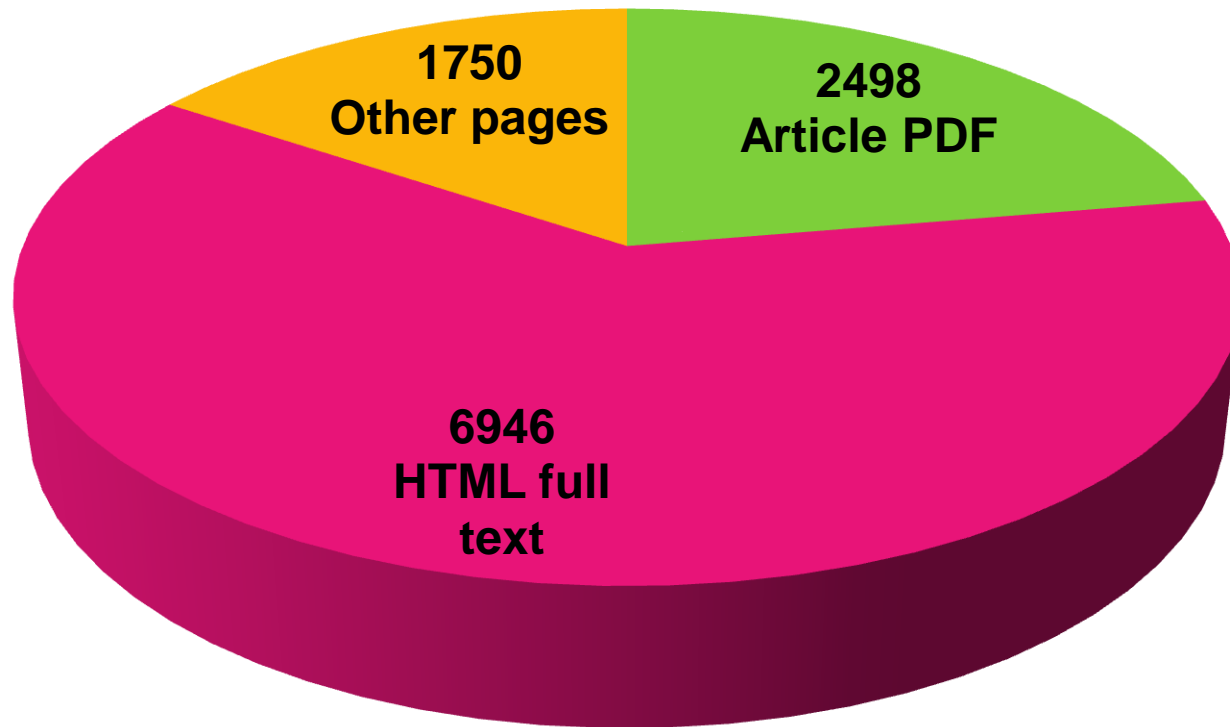
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Journal Selection Process: Four Points of Evaluation

Journal Publishing Standards

- Timeliness of publication
- International Editorial Conventions
- English language Bibliographic Information
- Peer Review

Editorial Content

- Will this journal enrich WoS with novel content?
- Is this subject already well covered?
- How does this journal compare with covered journals of similar scope?

International Diversity: Authors, EAB

- Do authors, editors, EAB members represent the int'l research community?
- Does this journal target an International or Regional audience?

Citation Analysis

New journals:

- Citations to authors' , editors' prior work.

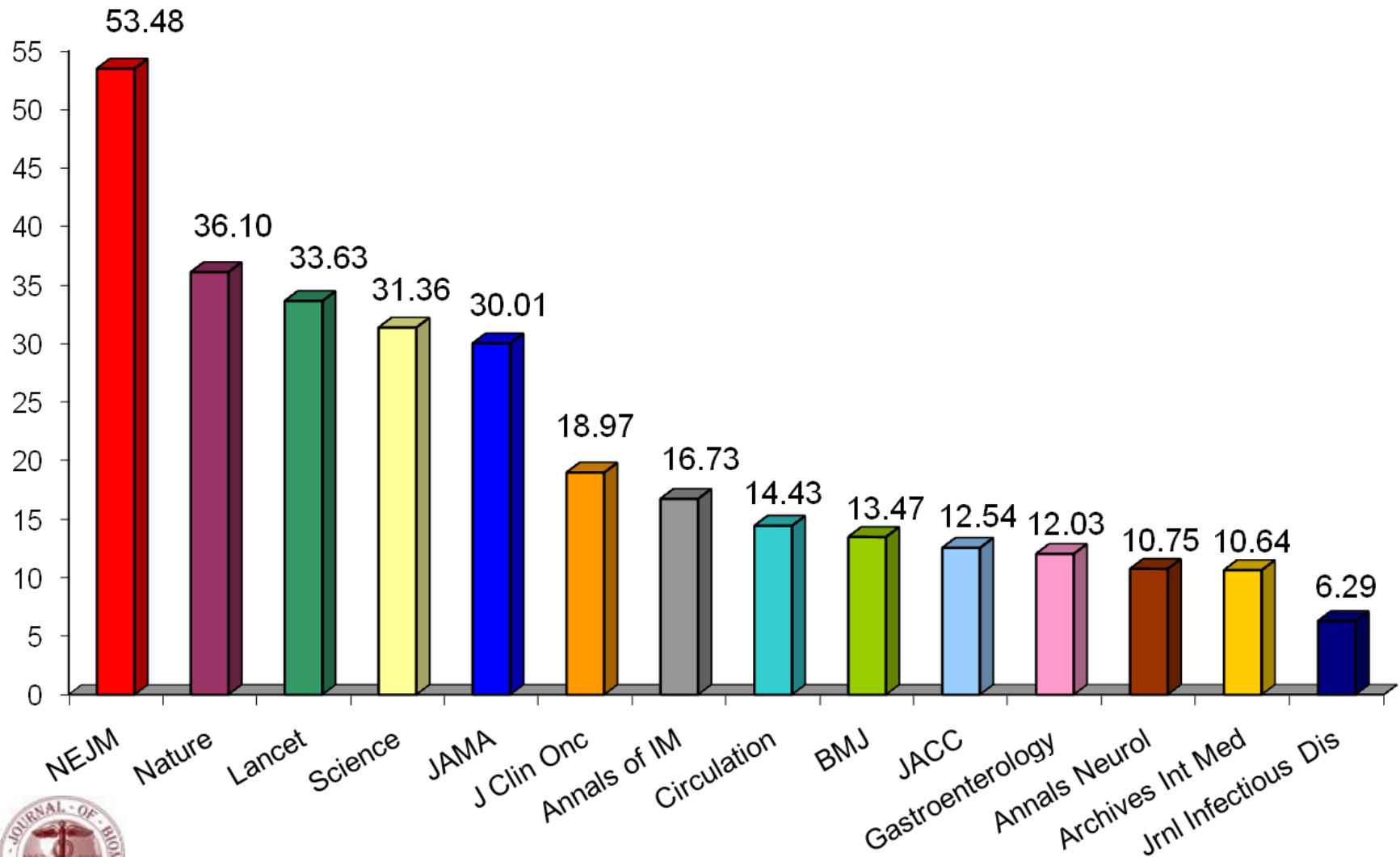
Established Journals:

- Impact Factor

Citation analysis is done in relation to editorial context of the journal.



Competitors of the *Journal*



Courtesy of Dr. Drazen

Challenges, 2011

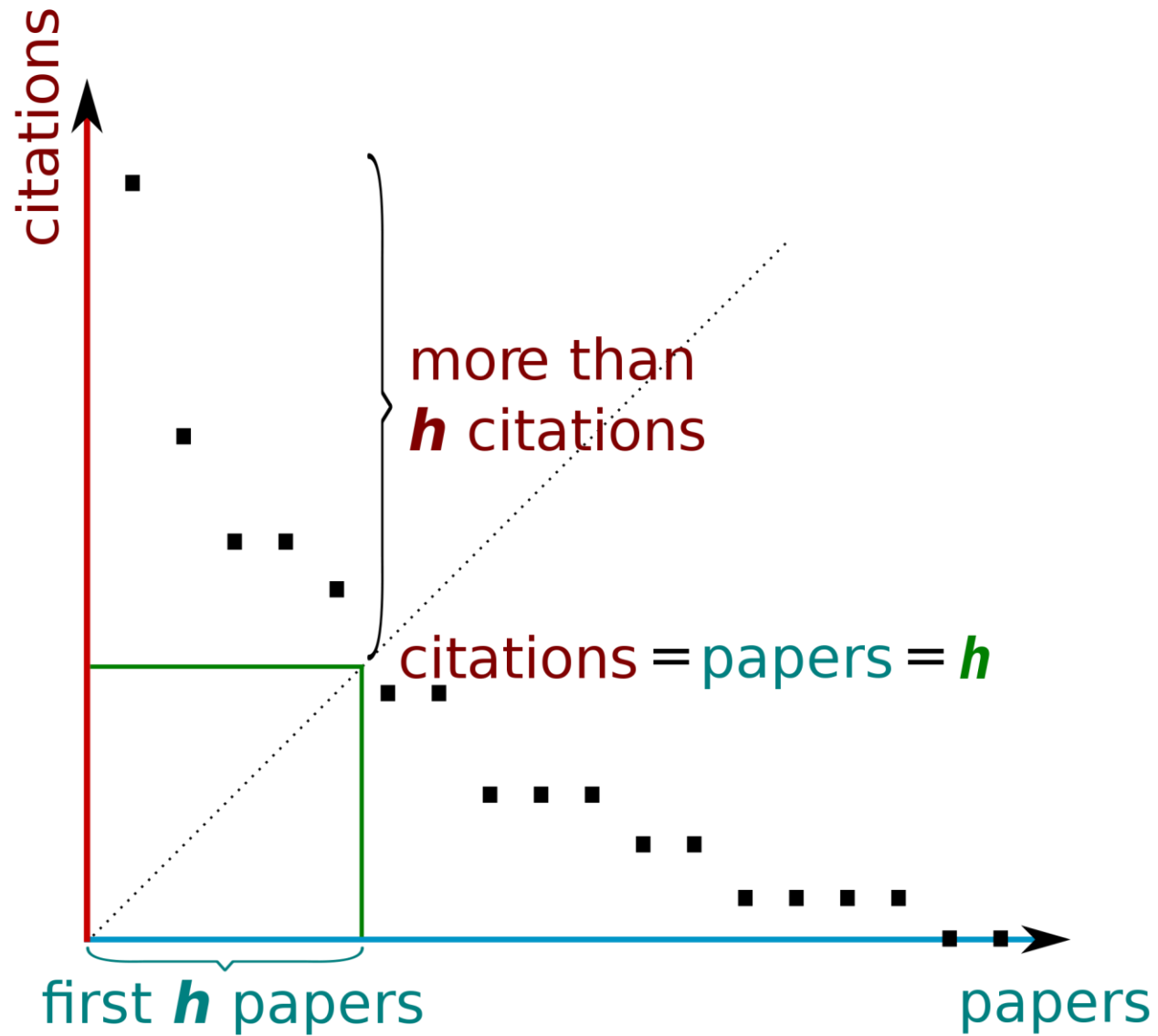
1. **Low citation**
2. **Slow response of peer reviewers**



Challenges, 2012

1. **Structural challenges**
2. **Low citation**
3. **Leadership**





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- Public Health



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Dr. Drazen, NEJM

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Lipoprotein metabolism in nonalcoholic fatty liver disease

Zhenghui Gordon Jiang^a, Simon C. Robson^b, Zemin Yao^c, 

^a*Department of Medicine, Beth Israel Deaconess Medical Center/Harvard Medical School, Boston, MA, USA;*

^b*Division of Gastroenterology, CLS612, Beth Israel Deaconess Medical Center/Harvard Medical School, Boston, MA, USA;*

^c*Department of Biochemistry, Microbiology and Immunology, Ottawa Institute of Systems Biology, University of Ottawa, Ottawa, Ontario K1H 8M5, Canada.*



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Shi et al. 24: 6-15	6	5	0	0	1	19.5(6.5)
Conrady et al. 25:111-119	5	3	2	1	1	22.3 (7.4)




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Mutiso et al. 24:16-25	391	246	62.9%
Shi et al. 24: 6-15	483	346	71.6%
Conrady et al. 25:111-119	471	233	49.5%



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Simulation-a new educational paradigm?

Mojca Konia,Aubrey Yao

Simulation is a modern educational tool that has recently gained in the field of medical education. The use of simulation continues to expand, and studies evaluating the effectiveness of simulation-based medical education are ongoing. The history of medical education and adult educational theory are...more>>

J Biomed Res 2013;27(2):75-80. doi:doi:10.7555/JBR.27.20120107

Medical simulation-based education improves medicos' clinical skills

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Bo Chen , Zhengxian Tao , Yingming Zhao, Hongwu Chen, Yonghong Yong, Xiang Liu, Hua Wang, Zuze Wu, Zhijian Yang , Li Yuan 

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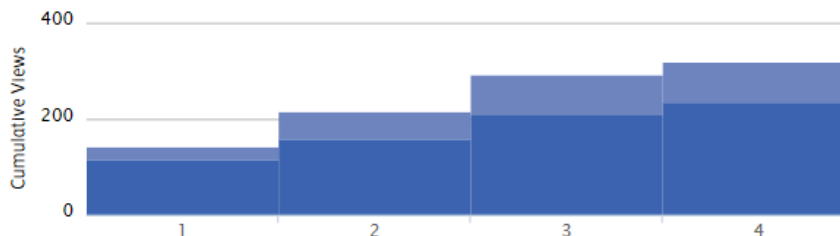
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 - The NEJM Model



Thank you!

