



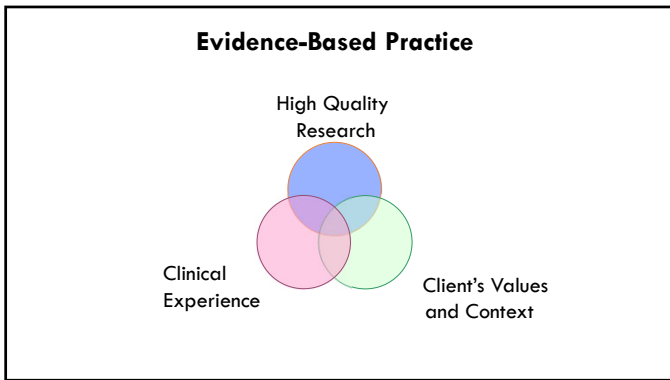
Evidence In Practice
Webinar Series Lecture #2
Open Access and Predatory Publication

Doug Gross, PhD, PT

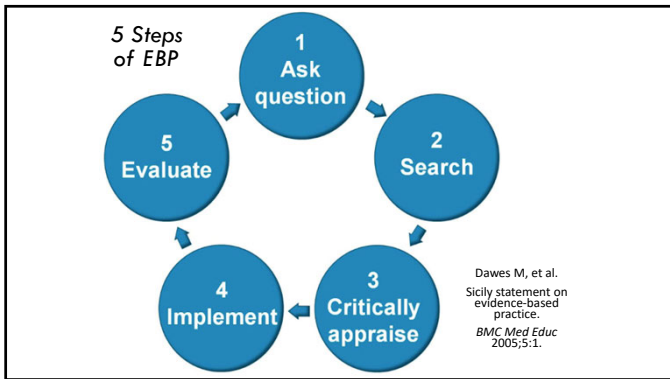
The University of Alberta respects the sovereignty, lands, histories, languages,
knowledge systems, and cultures of First Nations, Métis and Inuit

Pursuing your best

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Publishing is Fundamental to Science

- Peer-review journals = Traditional method
- Peer-review increases scientific quality
- Editors/reviewers give low-cost/free service
- Publishers ensure quality and tradition while profiting

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The long read
Is the staggeringly profitable business of scientific publishing bad for science?

It is an industry like no other, with profit margins to rival Google - and it was created by one of Britain's most notorious tycoons: Robert Maxwell. By [Stephen Butany](#)

36-38% profit margin:
 Higher than Apple, Google, or Amazon!!

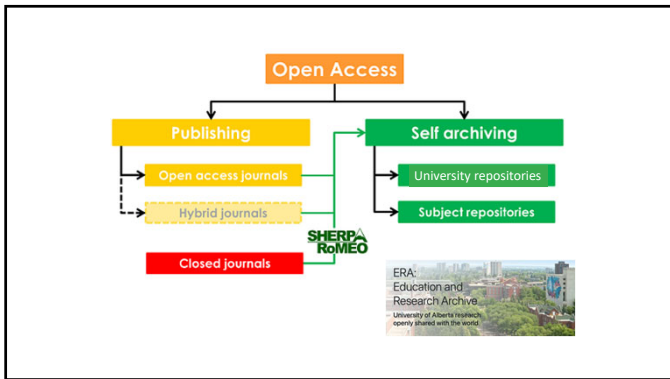
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'Advances' in Scientific Publishing


- Open Access – freely available online



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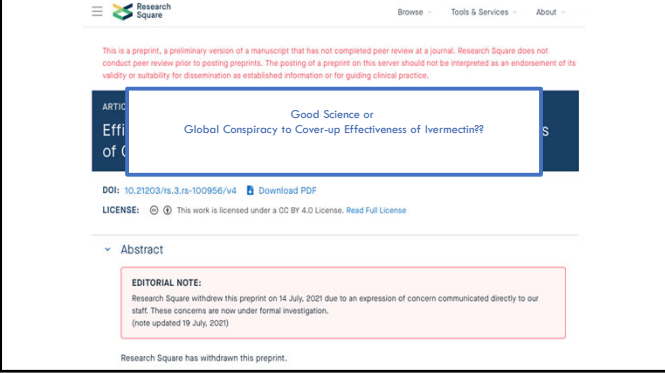
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Preprint paper using data from Surgisphere
Plagiarism and data flaws

- 11 staff running a global data analytics research company
- Surgisphere's science editor has no science or data credentials - is a science-fiction author and artist
- Director of sales and marketing is a model and brand ambassador, again with no scientific background

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ARTICLE: Good Science or Global Conspiracy to Cover-up Effectiveness of Ivermectin??

DOI: 10.21203/rs.3.rs-100956/v4 [Download PDF](#)


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Abstract

EDITORIAL NOTE:
 Research Square withdrew this preprint on 14 July, 2021 due to an expression of concern communicated directly to our staff. These concerns are now under formal investigation.
 (note updated 19 July, 2021)

Research Square has withdrawn this preprint.

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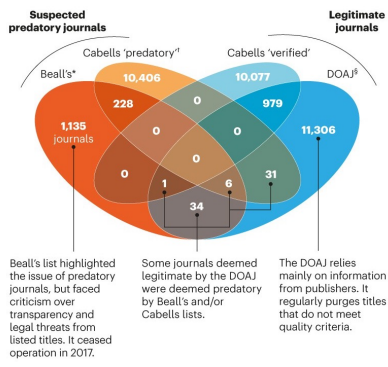
- Open Access – freely available online
- “Preprint” available before peer-review
- Proliferation of online journals

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- Predatory journals and publishers** are entities that
- 1) prioritize self-interest at the expense of scholarship
 - 2) are characterized by false or misleading information
 - 3) deviate from best editorial and publication practices (no retractions)
 - 4) lack of transparency, and/or
 - 5) use of aggressive and indiscriminate solicitation practices *Nature 2019*



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DOAJ

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Journal Impact Factor (IF)

- Journal-level metric of quality
- Frequently used to judge relative importance of a journal in its field
- Still widely used in science, but significant problems

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Journal name	ISSN	eISSN	Category	Total Citations	2020 JIF
Journal of Physiotherapy	1836-9553	1836-9561	REHABILITATION - SCIE	2,186	7.000
Annals of Physical and Rehabilitation Medicine	1877-0657	1877-0665	REHABILITATION - SCIE	2,162	4.919
JOURNAL OF ORTHOPAEDIC & SPORTS PHYSICAL THERAPY	0190-4011	1938-1344	REHABILITATION - SCIE	9,650	4.751
Journal of NeuroEngineering and Rehabilitation	N/A	1743-0003	REHABILITATION - SCIE	7,017	4.262
ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION	0003-9993	1532-821X	REHABILITATION - SCIE	30,690	3.966
NEUROREHABILITATION AND NEURAL REPAIR	1545-9683	1552-6844	REHABILITATION - SCIE	6,710	3.919
IEEE TRANSACTIONS ON NEURAL SYSTEMS AND REHABILITATION ENGINEERING	1534-4320	1558-0210	REHABILITATION - SCIE	9,404	3.802
Journal of Neurologic Physical Therapy	1557-0576	1557-0584	REHABILITATION - SCIE	1,491	3.649
SUPPORTIVE CARE IN CANCER	0941-4355	1433-7339	REHABILITATION - SCIE	18,289	3.603
CLINICAL REHABILITATION	0269-2155	1477-0873	REHABILITATION - SCIE	8,691	3.477

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