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Harmonizing open science efforts in Serbia

Co-funded by the
Erasmus+ Programme
of the European Union





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King's College, London
aided by a fellowship |
for Infantile Paralysis

Medical Research Cou
Study of the Molecul
Biological Sy
Cavendish Laborator
April 2.

- ¹ Pauling, L., and Corey, R. |
Nat. Acad. Sci., 39, 84 (1
- ² Furberg, S., *Acta Chem. Sc*
- ³ Chargaff, E., for references
Chargaff, E., *Biochim. et*
- ⁴ Wyatt, G. R., *J. Gen. Physi*
- ⁵ Astbury, W. T., *Symp. Soc.*
Univ. Press, 1947).
- ⁶ Wilkins, M. H. F., and Raz
10, 102 (1953).

**Molecular Struc
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WHILE the biologica
nucleic acid suggest
taining great complex




Corporate greed



Major corporations' profit margins

MONSANTO  16%
Food • Health • Hope™

 WILEY 22%

Alphabet  6%
1 billion \$
in 2008

 Springer 35%

DAIMLER 7%

ELSEVIER 39%

Извори: Wikipedia, <https://alexholcombe.wordpress.com>

Academic income is insufficient

A screenshot of a news article from The Independent. The article title is "Fury at DNA pioneer's theory: Africans are less intelligent than West Europeans". A quote from James Watson is visible: "Because I was an 'unperson' I was fired from the boards of companies, so I have...". A text box highlights the headline: "James Watson selling Nobel prize 'because no-one wants to admit I exist'". Below the headline, a sub-headline reads: "World-famous biologist James Watson said he is selling the Nobel Prize medal he won in 1962 for discovering the structure of DNA because he has been ostracised and needs the money".

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News > Science

INDEPENDENT

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News Releases | January 22, 2007 | C

Fury at DNA pioneer's theory: Africans are less intelligent than West Europeans

“Because I was an ‘unperson’ I was fired from the boards of companies, so I have

HOME » NEWS » SCIENCE

James Watson selling Nobel prize 'because no-one wants to admit I exist'

World-famous biologist James Watson said he is selling the Nobel Prize medal he won in 1962 for discovering the structure of DNA because he has been ostracised and needs the money

Nobel Laureate
Watson Suppo
Application
DNA Techn
Agriculture

The science of football



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- ⁴ Wyatt, G. R., *J. Gen. Physiol.*
- ⁵ Astbury, W. T., *Symp. Soc. Exp. Biol.*, 1, 103 (1947).
- ⁶ Wilkins, M. H. F., and R. D. Bernal, *Nature*, 160, 107 (1947).

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Billionaire bought James Watson's Nobel prize medal in order to return it

Alisher Usmanov wants medal to remain with Watson and for money he paid for it to be donated to scientific research



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Benefactors of Trinity College Dublin

Trinity Development and Alumni is administered by Trinity Foundation, an independent charity (CHY10898) established in 1994, and charged with responsibility for, and exists solely to support, the development (fundraising) and alumni relations activities of Trinity College Dublin.

Trinity Development and Alumni was established with the objective of raising funds to support the development of Trinity College Dublin. It plays a vital role in ensuring that Trinity College has the financial resources to remain a leading, internationally recognised university. In the nine month period 1 October 2017 to 30 June 2018, Trinity Development and Alumni was successful in securing pledges of about €20.9 million from 2,060 donors.

WHILE the biological
nucleic acid suggest
training most complex

Profit vs. openness and sharing



If you have an apple and I have an apple and we exchange these apples then you and I will still **each have one apple**.

But if you have an idea and I have an idea and we exchange these ideas, then **each of us will have two ideas**.



George Bernard Shaw

open
=
costless
=
public domain

Something is wrong

The general issue is that large parts of the **research** done is **publicly funded**, the type setting and **quality control** is done by people who are **paid by the public**, and the **purchase** of the journals is also **paid by the public**.

Christian Thomsen
Technical University of Berlin

Open access initiatives

cOAlition S



open science
=
open access

What is open science?

academic libraries



open access publishing

Publishers take ResearchGate to court, a massive copyright

By Dalmeet Singh Chawla | Oct. 6, 2015

Scholarly publishing giants Elsevier and Springer in Germany against ResearchGate for copyright infringement on a mass scale. The publishers are dissatisfied with ResearchGate's

ResearchGate, a for-profit firm that provides a social networking site aimed at researchers who can use their personal pages to share their work.



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Where can I share it?

The Can I Share It look-up tool provides academic researchers with an easy way to check where their work can be shared in line with the paper's access and usage rights. Corporate researchers should check their sharing options directly with their librarians.

What is the DOI of the article you want to share?

10.1016/j.joi.2015.08.005

Where Can I Share It?

Are you a co-author of this article?

Yes

RefWorks

REPEC

ResearchGate

SSRN

Trellis

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ArXiv

BioRxiv - after the embargo expired

Center for Open Science - after the embargo expired

Institutional Repository - author showcasing (public)

Institutional Repository - group collaboration (private)

Mendeley - author showcasing (public)

Mendeley - group collaboration (private)

REPEC

SSRN - after the embargo expired

open source hardware



universities



Facebook



of the European Union

software

Bottom of the iceberg



Non-cited article in Nature
vs. highly cited dataset



Open science is a joint effort



Academics who try to operate outside the hierarchy of **prestigious** journals risk **“professional suicide”**.

The chance of a mass rebellion is low as it's pretty difficult to **unite scientists**.

Vincent Larivière

Open science is a joint effort



GOVERNMENT

responsible & farsighted

FUNDING BODIES

transparent & authoritative

PUBLISHERS

informed & progressive

RESEARCHERS

educated & motivated

INDUSTRY & SOCIETY

involved & demanding



**Национални Портал
за Отворену Науку**

HaΠOH

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