

# **Predatory Publishing – Sind Bibliotheken hier in der Pflicht?**

**Dr. Gernot Deinzer**



Universität Regensburg



# Predatory Publishing

Verlage, Zeitschriften oder Konferenzen, welche Geld für Leistungen berechnen, dabei diese jedoch nicht oder nur in sehr geringem Maße erbringen

# Predatory Publishing

**Falsch**

Predatory Publishing ist ein reines  
Open Access Phänomen



# Predatory Publishing

**Falsch**

Predatory Publishing gibt es nur bei  
Zeitschriften



# Predatory Publishing

Jeder Artikel in Predatory Journals  
ist schlecht

**Falsch**

# Wer veröffentlicht in Predatory Journals?







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# Gezielte Vortäuschung wissenschaftlicher Studien



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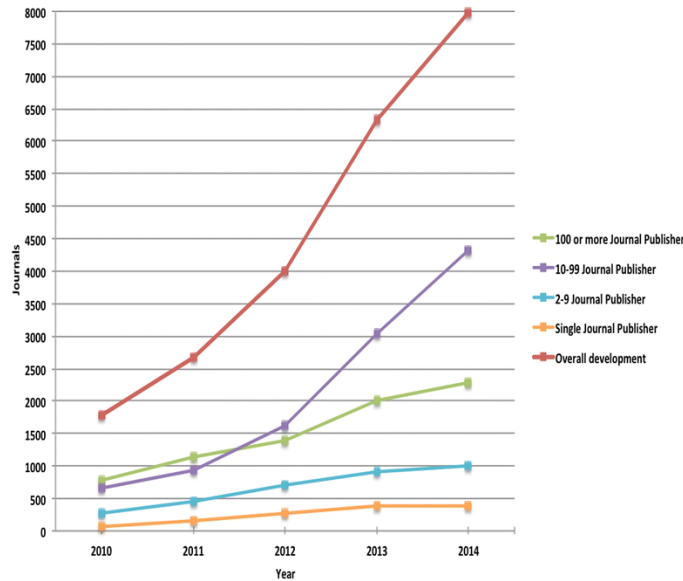
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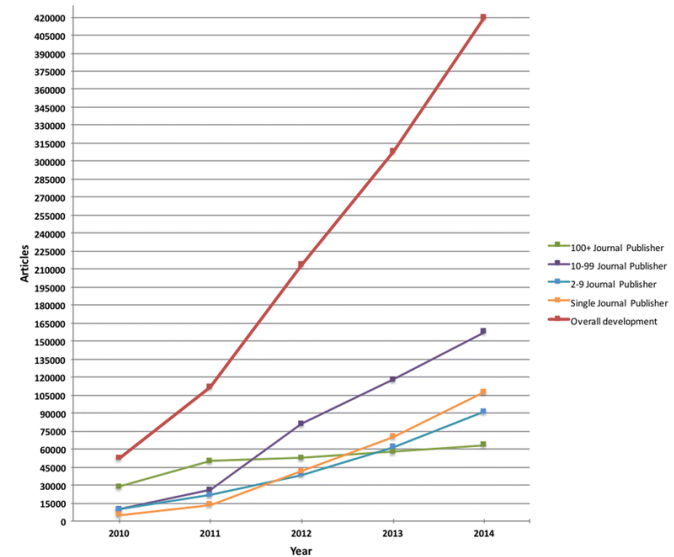
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# Predatory Publishing - Zahlen

## Zeitschriften



## Artikel



Cenyu Shen, Bo-Christer Björk, 'Predatory' open access: a longitudinal study of article volumes and market characteristics. BMC Medicine (2015) 13:230, DOI 10.1186/s12916-015-0469-2



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Eur. Phys. J. A (2017) 53: 220  
 DOI 10.1140/epja/2017-1205-4

Regular Article – Theoretical Physics

THE EUROPEAN  
 PHYSICAL JOURNAL A

**Impact of beauty and charm H1-ZEUS combined data on PDFs and determination of the strong coupling**

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 Published online: 21 November 2017 – © Società Italiana di Fisica 2017

**Abstract.** In this QCD analysis, we investigate the impact of beauty and charm cross sections data sets on the simultaneous determination of the parton distribution functions (PDFs) and the strong coupling,  $\alpha_s(M_Z^2)$ . We perform a global fit to the HERA run I and II combined data as a new set of cross sections for our base data set. We show that the uncertainty of gluon distribution and next-to-leading order and up to 1.7% for only N<sup>2</sup>LO.

**1 Introduction**

The production of heavy quarks in photoproduction (γ) and Deep Inelastic Scattering (DIS) of e<sup>+</sup>p is one of the main tasks at HERA. For the present time the b-quark and the c-quark are the only two heavy quarks which are kinematically accessible at HERA and investigation of charm quark cross section H1-ZEUS combined data and H1 (γ) and ZEUS (e) beauty production data helps on the simultaneous determination of the parton distribution functions and the strong coupling,  $\alpha_s(M_Z^2)$ , is the main topic in this article.

The charm quark mass is about 1.5 GeV and the beauty quark mass is about 4.5 GeV and when we compare these masses with the quantum chromodynamics scale parameter,  $\Lambda_{QCD} \sim 250$  MeV we see that the masses of heavy quarks,  $m_b, m_c$ , satisfy  $m_b \gg \Lambda_{QCD}$  and then provide a hard scale for perturbative Quantum Chromodynamics (pQCD) calculations.

The role of different schemes in the QCD analysis and determination of the strong coupling

A. Vafaei<sup>\*</sup>, A.N. Khorramian

Faculty of Physics  
 Received 4 May 2017

Chinese Physics C

**Abstract**

In this article, we present a N<sup>2</sup>LO analysis of the strong coupling,  $\alpha_s(M_Z^2)$ . We perform a global fit to the HERA run I and II combined data as a new set of cross sections for our base data set. We show that the uncertainty of gluon distribution and next-to-leading order and up to 1.7% for only N<sup>2</sup>LO.

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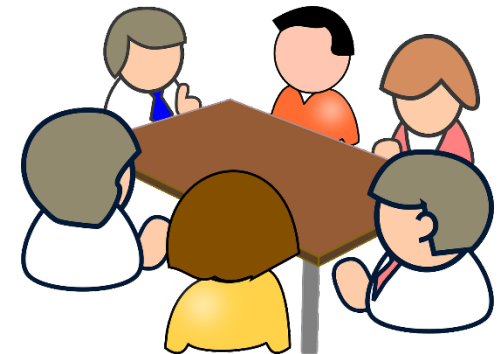
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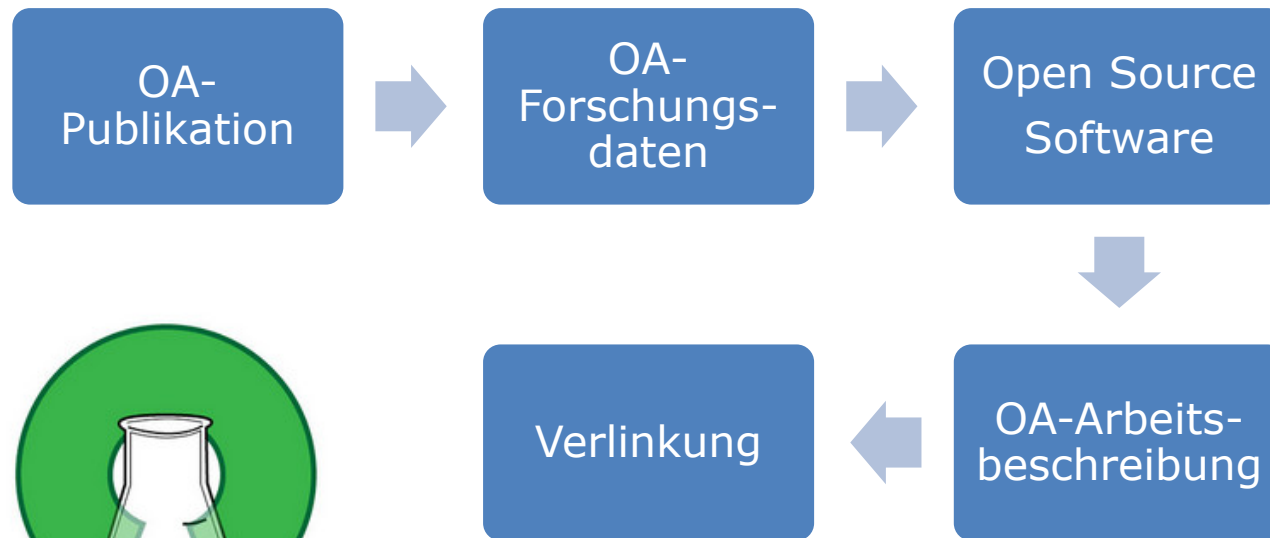
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| Original Submission      |                      |  |
|--------------------------|----------------------|--|
| 11 Nov 2016              | Submitted            | Original manuscript                                  |
| 6 Dec 2016               | Reviewed             | <a href="#">Reviewer Report - Jelte Wicherts</a>     |
| 10 Dec 2016              | Reviewed             | <a href="#">Reviewer Report - Bhushan Patwardhan</a> |
| 21 Dec 2016              | Author responded     | <a href="#">Author comments - Larissa Shamseer</a>   |
| Resubmission - Version 2 |                      |  |
| 21 Dec 2016              | Submitted            | Manuscript version 2                                 |
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| 9 Jan 2017               | Editorially accepted |  |



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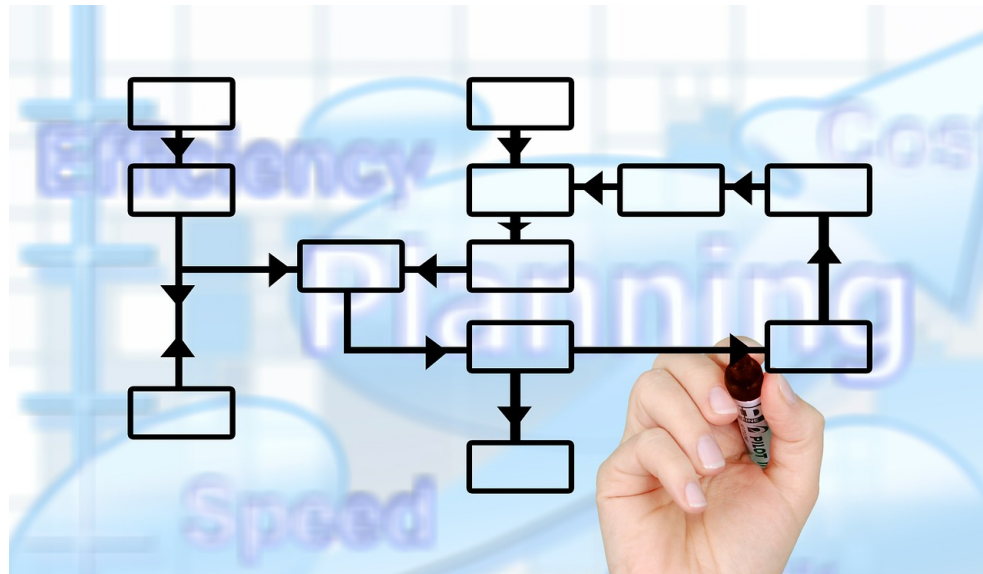
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## **Fazit**

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**Offene Infrastruktur unterstützen**  
**- finanziell (Bsp. DOAJ)**  
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# Vielen Dank für Ihre Aufmerksamkeit



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