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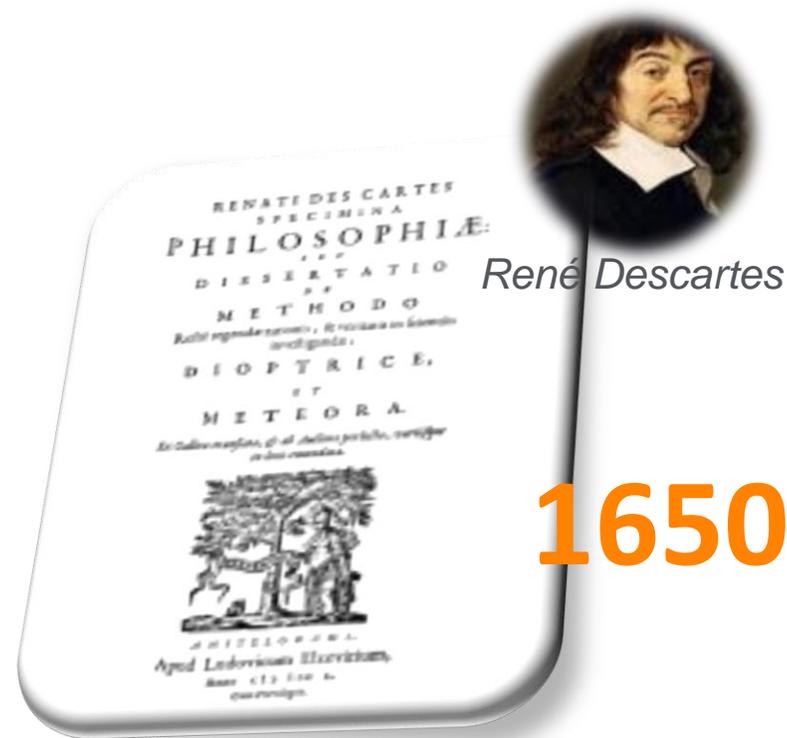


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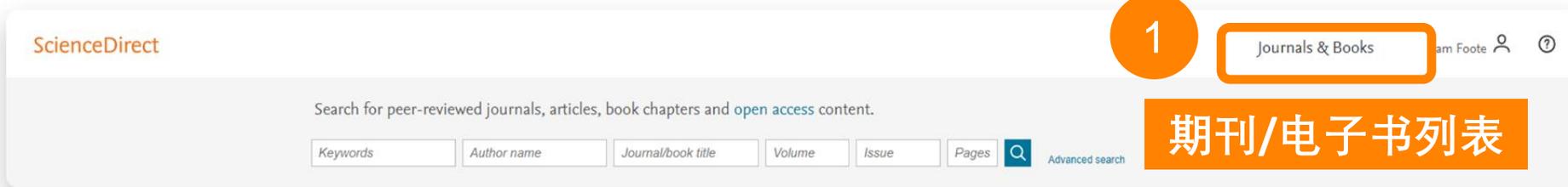
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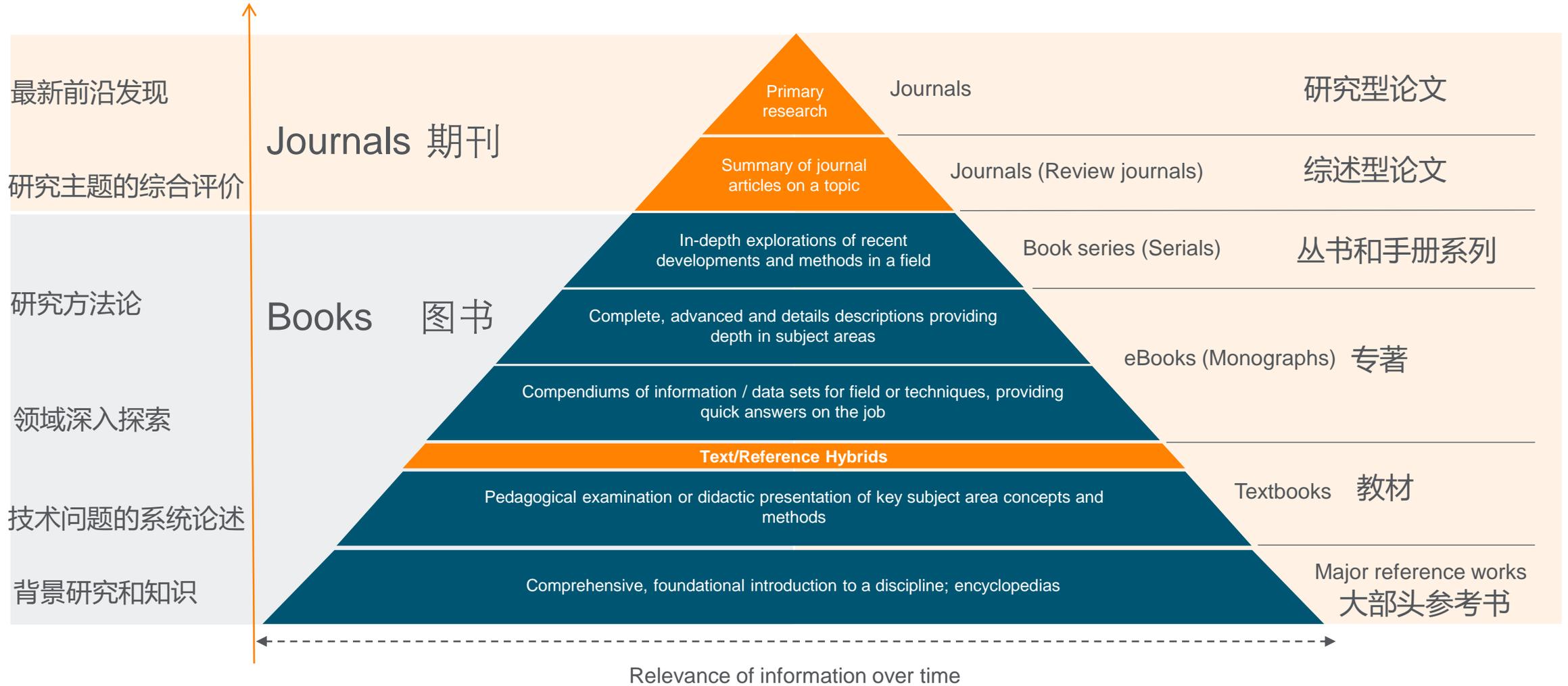
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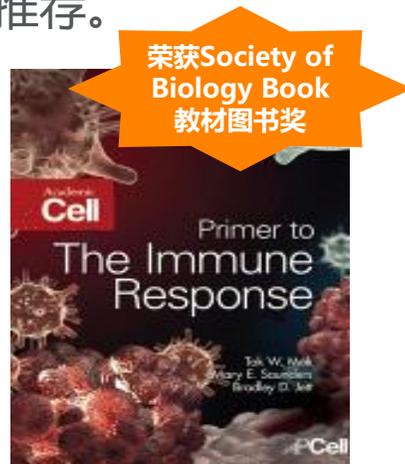
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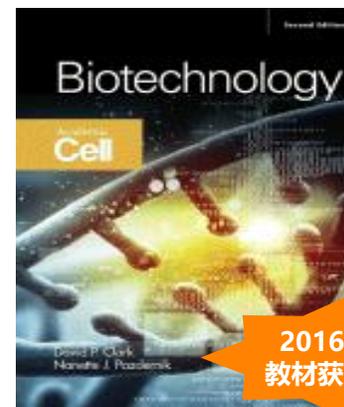


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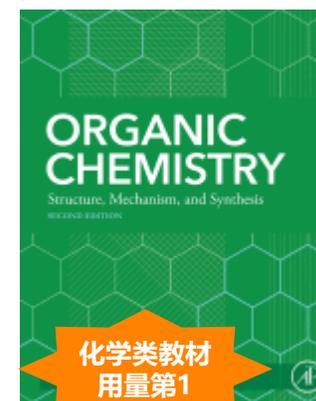
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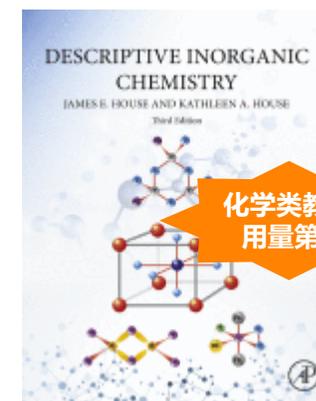
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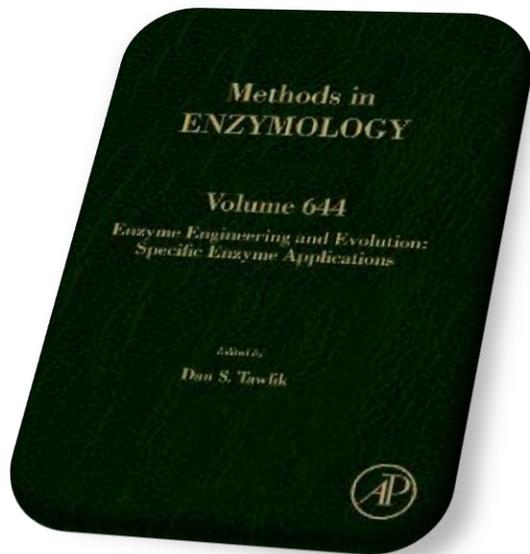
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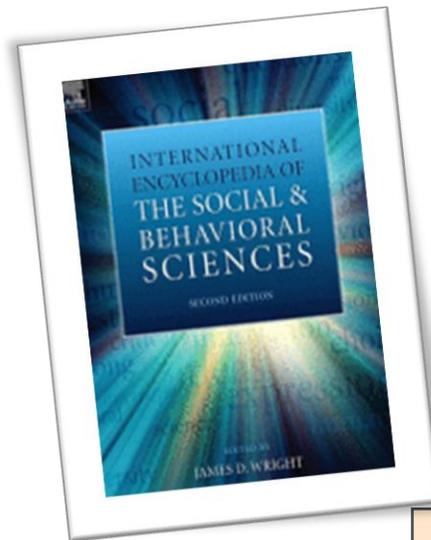
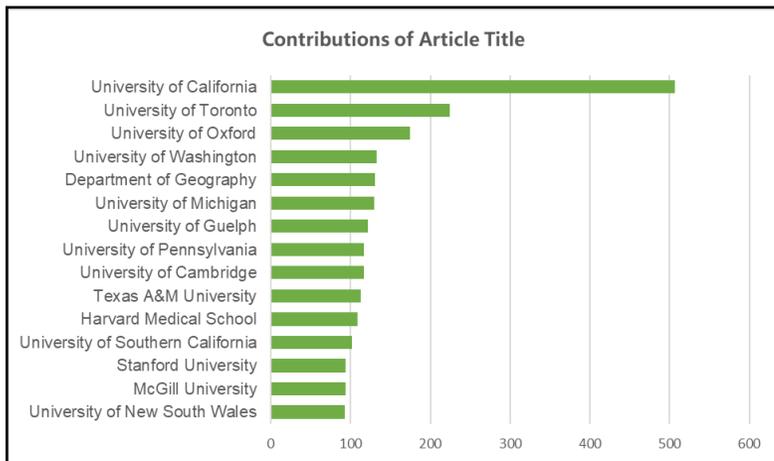
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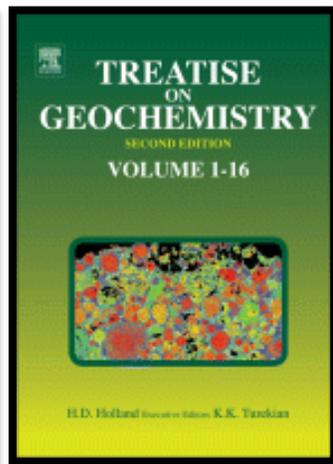
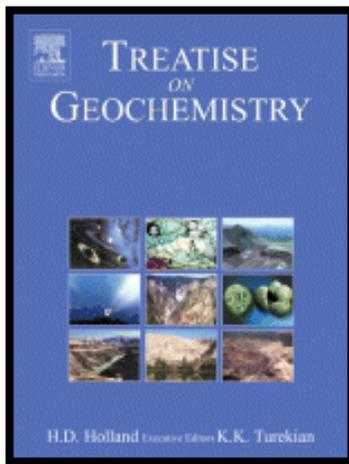


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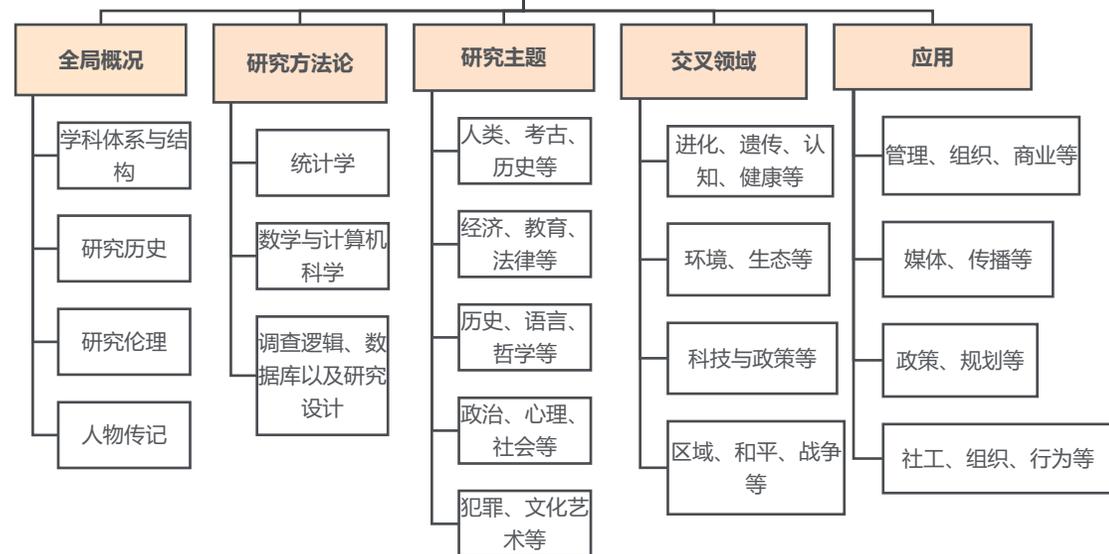


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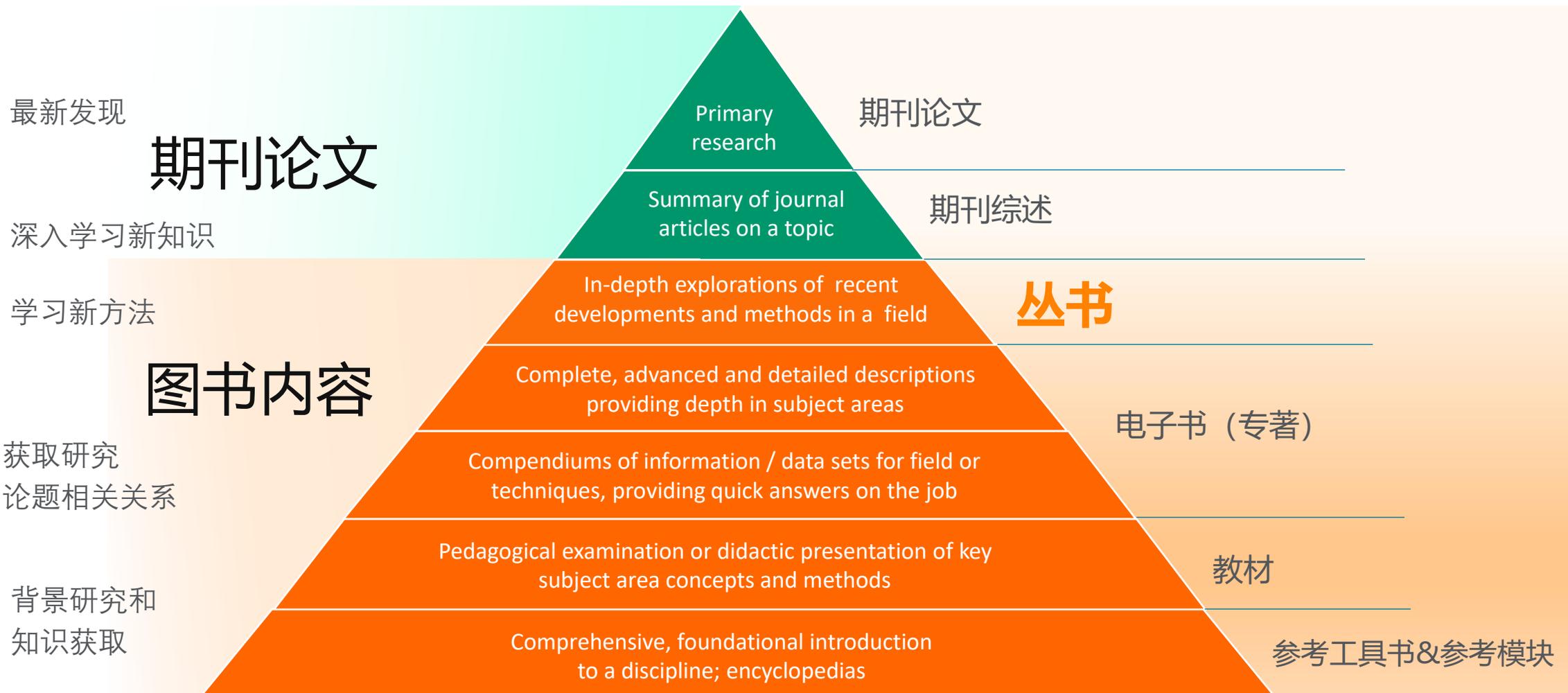


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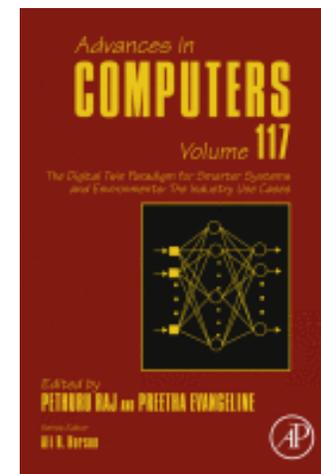
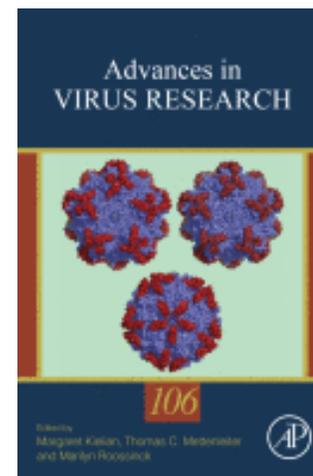
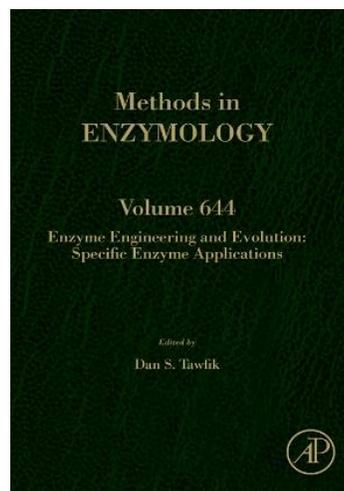


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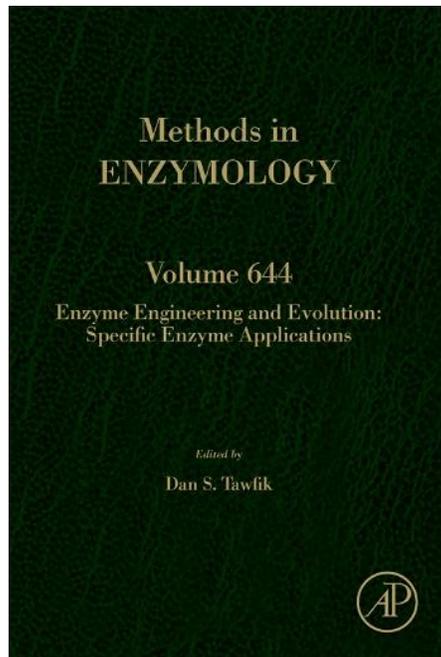
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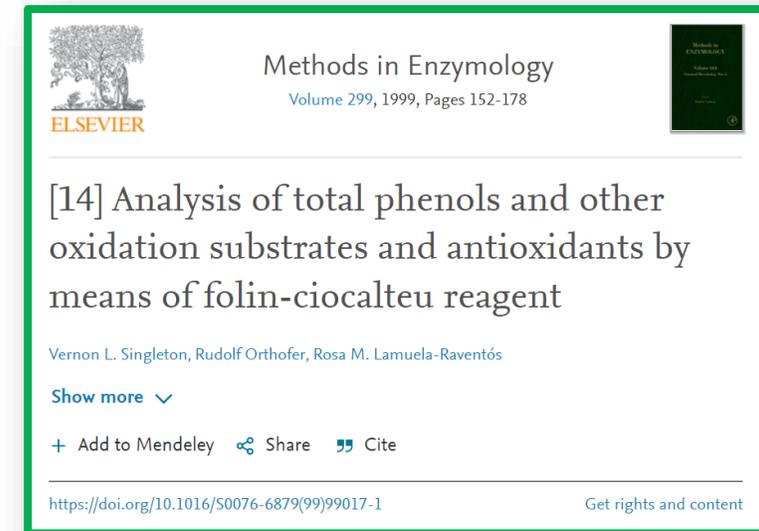
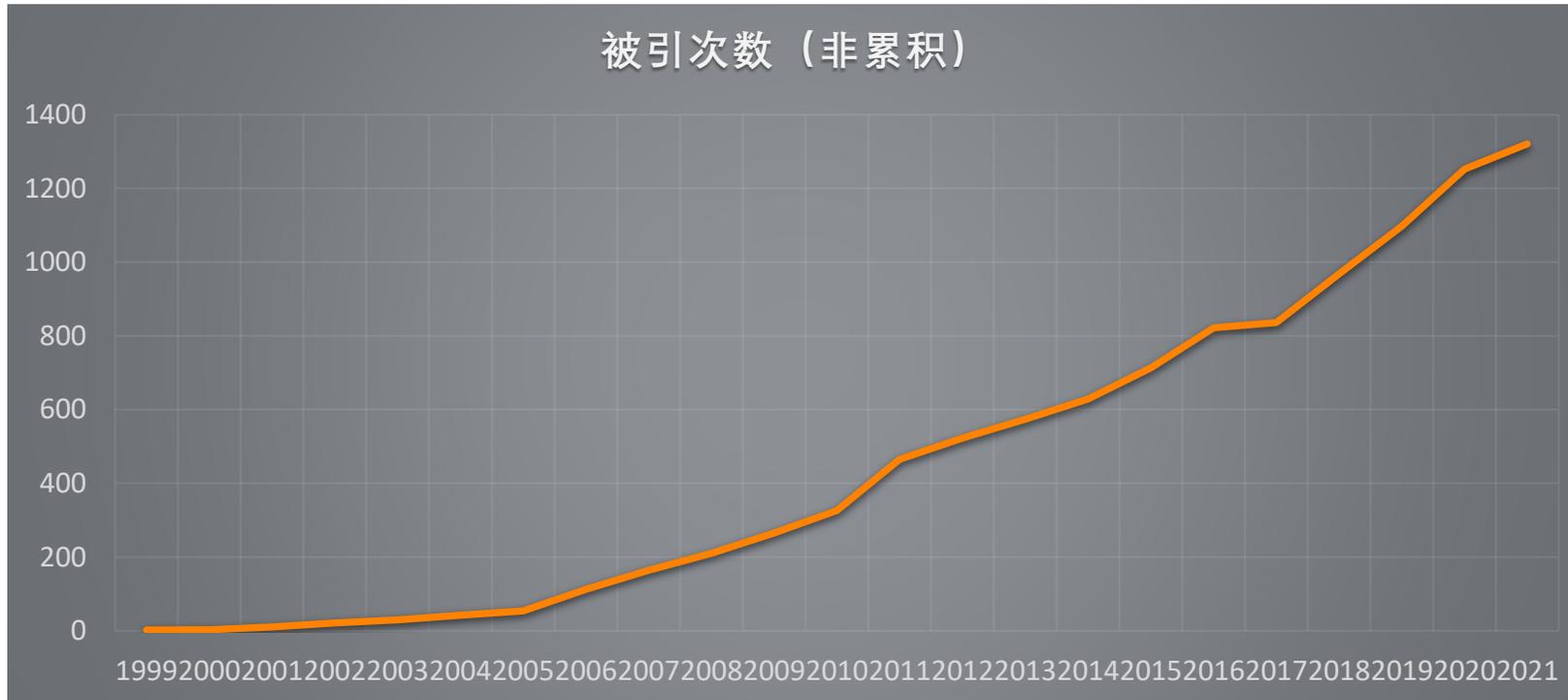
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《酶学方法》涵盖了生命科学各个分支学科



《酶学方法》不仅仅是一本介绍酶学的书，而是涵盖了生命科学各个分支学科的一系列丛书。从创刊至今，图书涉及的领域和内容一直在不断扩大和更新，囊括了生命科学领域中广泛且重要的研究主题。

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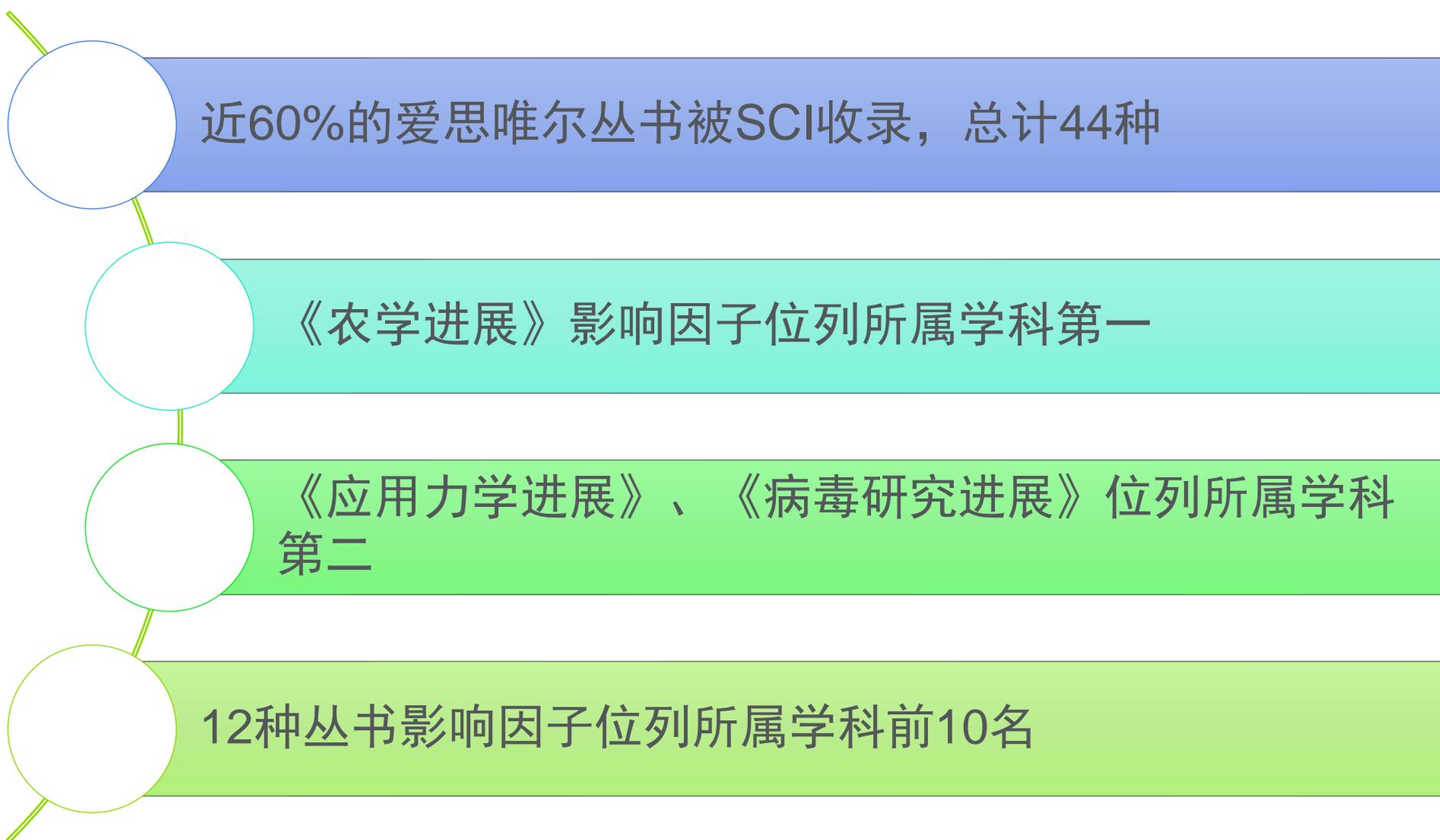


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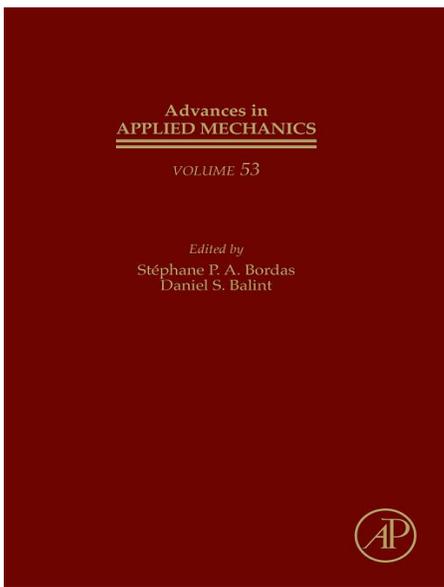
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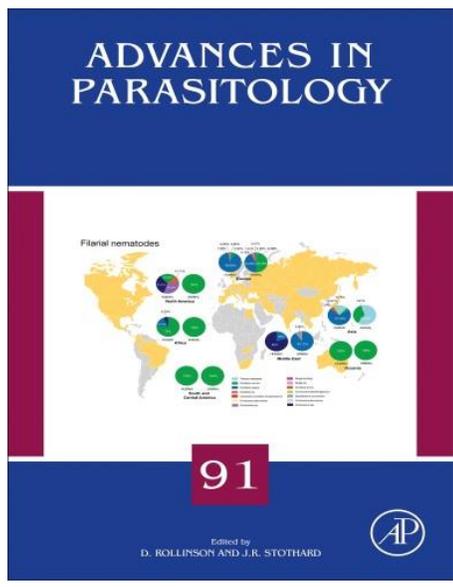
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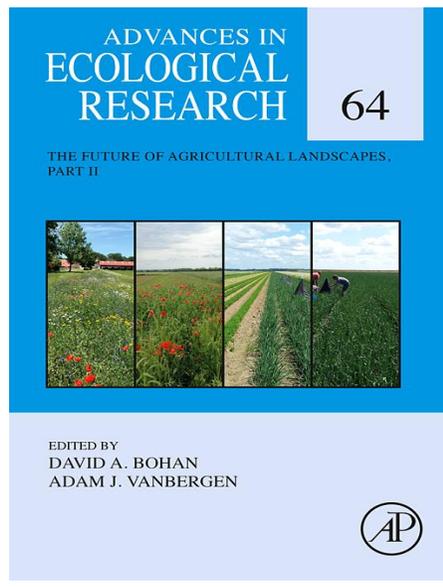
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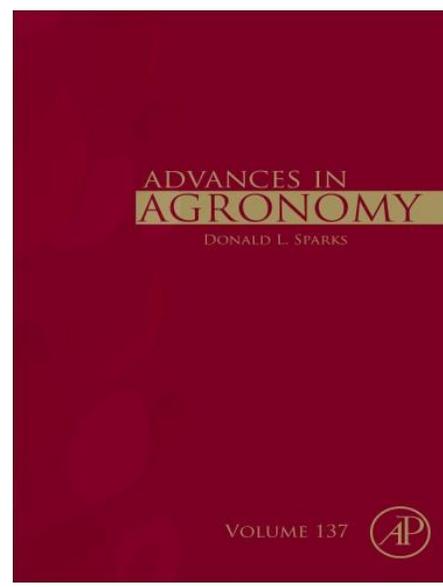
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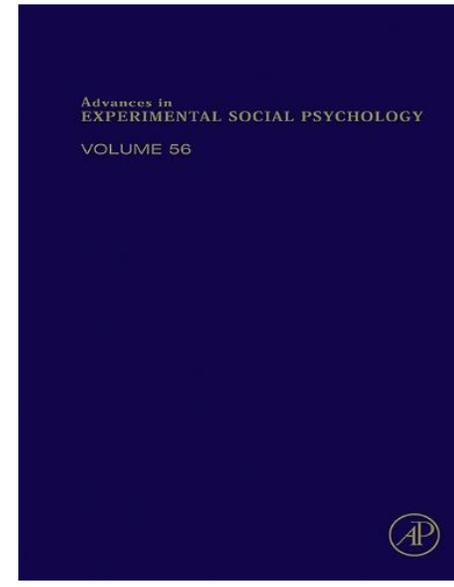
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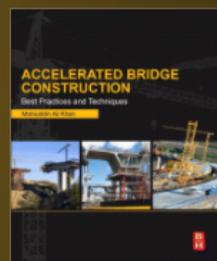
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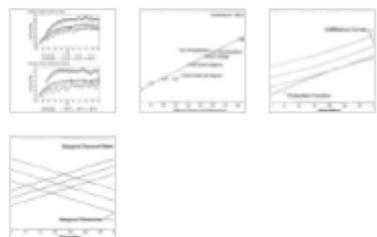
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Abstract

This paper surveys the recent literature on the causal relationship between education and earnings. I focus on four areas of work: theoretical and econometric advances in modelling the causal effect of education in the presence of heterogeneous returns to schooling; recent studies that use institutional aspects of the education system to form instrumental variables estimates of the return to schooling; recent studies of the earnings and schooling of twins; and recent attempts to explicitly model sources of heterogeneity in the returns to education. Consistent with earlier surveys of the literature, I conclude that the average (or average marginal) return to education is not much below the estimate that emerges from a standard human capital earnings function fit by OLS. Evidence from the latest studies of identical twins suggests a small upward "ability" bias – on the order of 10%. A consistent finding among studies using instrumental variables based on institutional changes in the education system is that the estimated returns to

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- 2018 Barcelona School of Economics, Barcelona, Spain
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- 2014 Labor Studies Program, United States
- 2009 American Academy of Arts and Sciences, Cambridge, United States
- 1988 - 1998 Princeton University, Princeton, United States
- 1982 The University of Chicago, Chicago, United States

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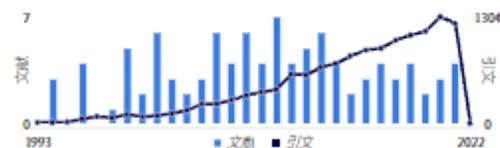
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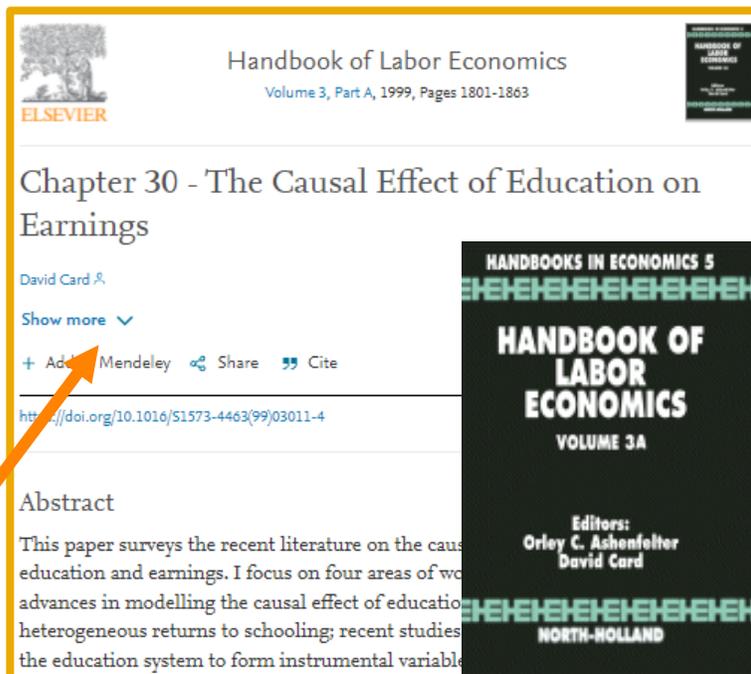
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Combustion and Flame
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The effects of pressure treatment on the flamelet modeling of supersonic combustion

Foluso Ladeinde ^a, Lou, Zhipeng ^a, Li, Wenhai ^b

Abstract

The flamelet method has been used extensively as an affordable turbulence-combustion interaction model that obviates the need to solve the evolution equations for the species mass fractions during a large-eddy or Reynolds-averaged Navier–Stokes calculation of a reactive flow field, leading to substantial savings in the simulation time and enabling modeling with relatively complex kinetic mechanisms. The canonical problem analyzed and stored in a look-up array in the flamelet procedure usually assumes some baseline fields; in particular, the pressure is often specified at a fixed value that is characteristic of the examined configuration. However, pressure in supersonic combustion has significant dynamical roles, unlike in low-Mach number or incompressible flows, and a constant pressure field will not be adequate for the former. To remedy this problem, reaction rate in the combustor is often assumed to scale squarely with pressure. This approach, which is probably acceptable for low-speed, high pressure combustors, is not suitable for dealing with the variable pressure conditions in

Supersonic Combustion

Such a supersonic combustion ramjet is popularly known as a scramjet.
From: *Theory of Aerospace Propulsion (Second Edition)*, 2017

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Parallel Computation of Supersonic Combustion in RAMAC Device

Shijun Diao, Toshi. Fujiwara, in *Parallel Computational Fluid Dynamics 1998, 1999*

1 Introduction

Supersonic combustion has been the focus of many researcher's interest recently and is being studied experimentally and numerical [1,2]. It is thought as a promising potential mechanism in Oblique Detonation Wave Engine (ODWE) for space-plane. The original seria

Introduction

Mostafa Barzegar Gerdroodbary, in *Scramjets*, 2020

1.3.1 Fundamental aspect of compressible flow

In order to recognize the main practical terms in scramjets, the main aspects and non-dimensional parameters of flow inside the scramjets should be clearly defined [33–45]. The velocity is the main significant factor in recognition of the main flow characteristics inside the combustion chamber. In order to evaluate the various velocity conditions for different gas species and temperatures, the Mach

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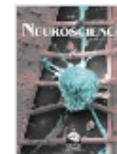
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Cognitive, Behavioral, and Systems Neuroscience

A sex comparison of the anatomy and function of the main olfactory bulb–medial amygdala projection in mice

N. Kang^a, E.A. McCarthy^a, J.A. Cherry^b, M.J. Baum^a  

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Abstract

We previously reported that some main olfactory bulb (MOB) mitral/tufted (M/T) cells send a direct projection to the “vomeronasal” amygdala in female mice and selectively respond to volatile male mouse urinary odors. We asked whether MOB M/T cells that project to the vomeronasal amygdala exist in male mice and whether there is a sexually dimorphic response of these neurons to volatile male urinary pheromones.

Gonadectomized male and female mice received bilateral injections of the retrograde

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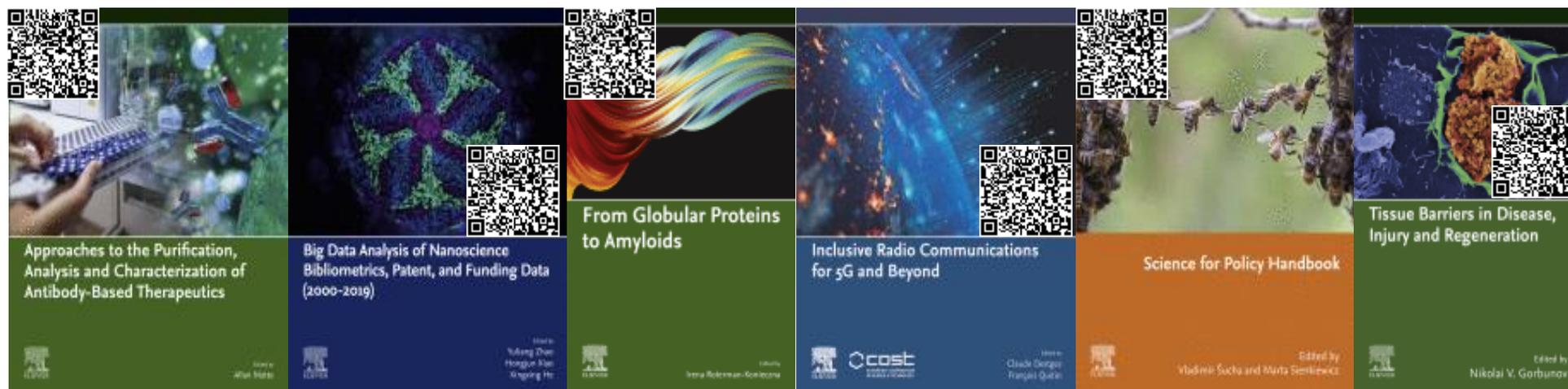
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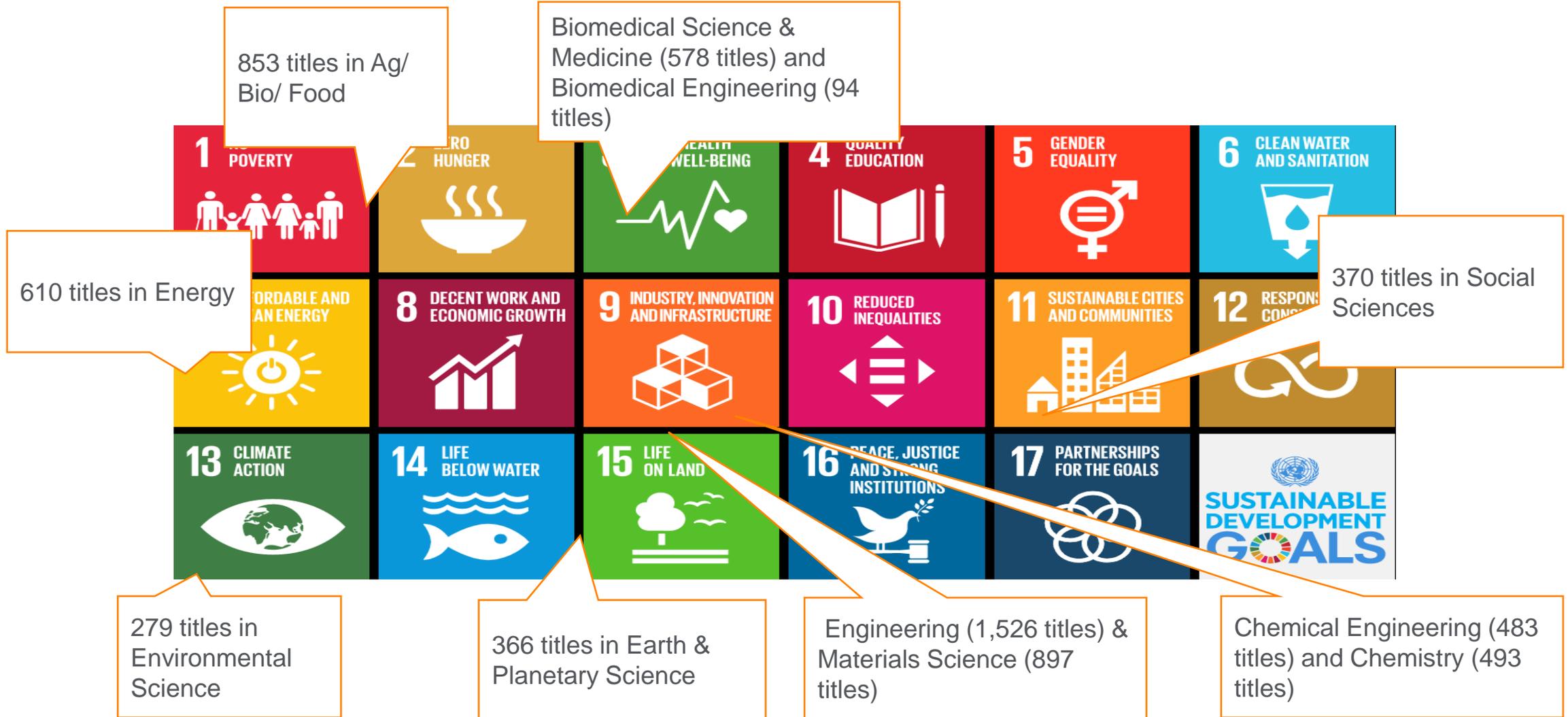
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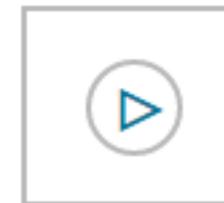
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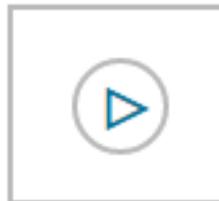
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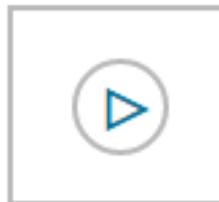
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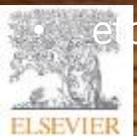
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