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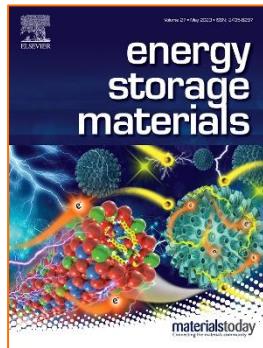
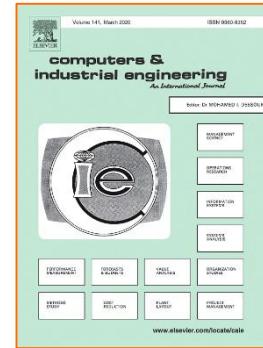
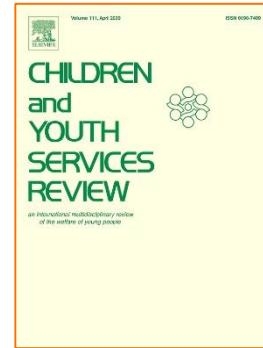
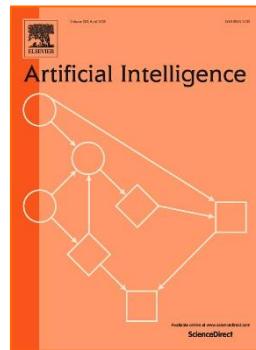
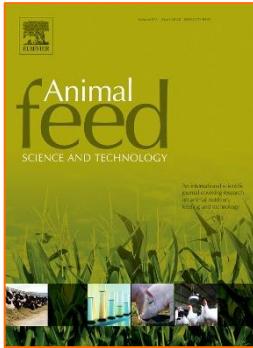


*"Encontrar aquele artigo no ScienceDirect impulsionou nossa pesquisa em três meses muito mais do que o que víhamos desenvolvendo há anos."*

- Lana Tolmach

Diretora de Pesquisa e Desenvolvimento em uma companhia de inovação química

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# Otimize a eficiência de sua pesquisa com as Topic Pages

A screenshot of a research article from the journal "Agricultural Systems". The article is titled "Environmental costs and mitigation potential in plastic-greenhouse pepper production system in China: A life cycle assessment". It is authored by Xiaozhong Wang, Bin Liu, Gang Wu, Yixiang Sun, Xisheng Guo, Zhenghui Jin, Weineng Xu, Yongzhi Zhao, Fusuo Zhang, Chunqin Zou, and Xiping Chen. The article is published in Volume 167, November 2018, Pages 186-194. The Elsevier logo is visible at the bottom left.

**Abstract**

Intensive vegetable system is commonly considered as high environmental costs due to high inputs, thus quantifying the mitigation potential of various environmental impacts, and developing strategies to improve the sustainability of this system was critical. Here we used partial life cycle assessment (LCA) to quantify the environmental impacts of plastic-greenhouse pepper production system in China, and then employed an environmental impact gap methodology to analyze the mitigation potential of various environmental impacts and to establish better management strategy. The results showed that the global warming, acidification, eutrophication potentials and energy depletion of 160 farm-gate analysis were in

A screenshot of a topic page for "Eutrophication" on a scientific platform. The page includes a definition, related terms, and links to other topics.

**Eutrophication**

Eutrophication can be defined simply as the production of organic matter in excess of what an ecosystem is normally adapted to processing (Nixon, 1995), however, it is only part of a complex web of stressors that interact to shape and direct ecosystem level processes (Breitburg et al., 1998; Cloern, 2001).

From: *Fish Physiology*, 2009

Related terms:

Nitrate, Phytoplankton, Hypoxemia, Ecosystems, Fertilizers, Biomass, Estuaries, Habitats, Algae, Freshwater

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**Eutrophication**

V.N. de Jonge, M. Elliott, in *Encyclopedia of Ocean Sciences* (Second Edition), 2001

**Introduction**

Eutrophication is the enrichment of the environment with nutrients and the concomitant production of undesirable effects, while the presence of excess nutrients *per se* is merely regarded as hypernutrification. In more detail, eutrophication is the process of nutrient enrichment (usually by nitrogen and phosphorus) in aquatic ecosystems such that the productivity of the system ceases to be limited by the availability of nutrients. It occurs naturally over geological time, but may be accelerated by human activities (e.g. sewage disposal or land drainage).

**Eutrophication**

Daniel A. Lemley, Janine B. Adams, in *Encyclopedia of Ecology* (Second Edition), 2019

**Definition**

Concern over eutrophication is a relatively recent development in the scientific literature, with the earliest recollection dating back to the 1950s. Furthermore, a working definition of what this phenomenon entails was only provided in the mid-1990s, where Nixon (1995) described it as "*an increase in the rate of supply of organic matter to an ecosystem*." This was a crucial step as it recognized eutrophication as a process rather than confusing it with cause or consequence (i.e., a trophic state). Despite this, however, the definition leaves considerable room for interpretation, particularly from a

# Aprimore seu conhecimento conectando o conteúdo de revistas ao de livros através das Topic Pages

Google search results for "RNA Directed DNA Polymerase Inhibitor". The results include academic articles and a brief summary of Nucleoside reverse transcriptase inhibitors (NRTIs) as a key therapy in human immunodeficiency virus (HIV) infections.

Encontre também as Topic Pages através do Google

Cell journal article titled "Long-Distance Cooperative and Antagonistic RNA Polymerase Dynamics via DNA Supercoiling". The article discusses RNA polymerase dynamics and includes highlights and a download PDF button.

## Conteúdo de revistas

- Conhecimento especializado
- Foco estreito
- Profundidade extrema



Topic Page for "RNA Directed DNA Polymerase Inhibitor". It provides a summary of Nucleoside reverse transcriptase inhibitors (NRTIs) as a key therapy in human immunodeficiency virus (HIV) infections.

## Topic Pages

- Conhecimento resumido
- Conecta tópicos e conteúdos
- Proporciona contexto

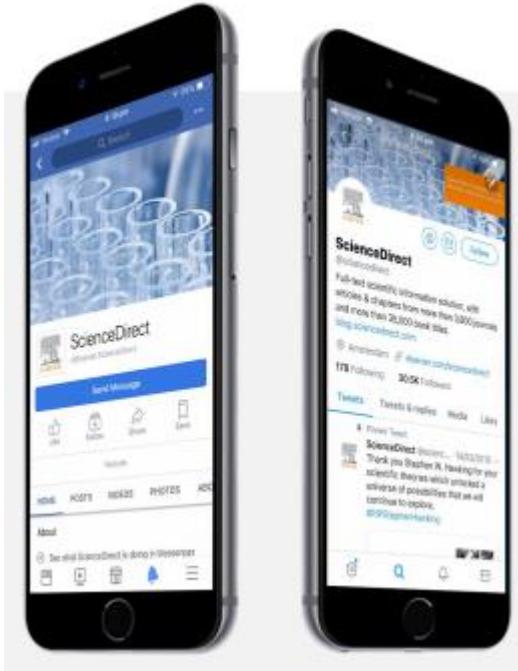


Book page from "Massachusetts General Hospital Handbook of General Hospital Psychiatry" (Sixth Edition). It discusses "Patients with Human Immunodeficiency Virus Infection and Acquired Immunodeficiency Syndrome".

## Conteúdo de livros

- Foco amplo
- Conhecimento clássico
- Novo tópico ou recapitulando áreas antigas

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