Scopus 등재 시 고려할 사항 (자연과학 분야 학술지)

장호원
서울대학교 재료공학부

Aim and Scope (목표와 범위)
: 저널이 커버하는 전문 분야와 편찬 의도의 명확성

An example

Materials Today is the flagship journal of the Materials Today family and is dedicated to covering the most innovative, cutting edge and influential work of broad interest to the materials science community.

Having established the journal as one of the most highly respected sources of news and reviews in materials science over the last two decades, Materials Today has expanded its scope to **cover ground breaking original** research in materials science, and aims to become a leading forum in the field.

The editors welcome **comprehensive articles and short communications** reporting **breakthrough discoveries and major technical achievements** as well as **review articles** from established leaders in **engaging and rapidly developing fields** within materials science and related disciplines.

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The growing **Materials Today family** provides authors and readers with comprehensive coverage across materials science, spanning ground breaking discoveries to highly specialized research; including such journals as Applied Materials Today, Materials Today Energy, and Materials Today Chemistry - in addition to the dedicated proceedings journal Materials Today: Proceedings, and sound science publication Materials Today Communications.

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Editorial board (편집위원회)
: 편집위원진의 전문성, 대표성 및 다양성

An example (material today)

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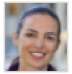
Editorial Board



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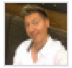

David Kisailus, PhD

University of California Irvine, Irvine, California, United States of America

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Periodic publication (정기간행)
: 정시의 주기적 발행, 발행물의 공시

An example (material today)

All issues

Research article • Full text access

A seed-like hydrogel with metabolic cascade microbiota for oral treatment of liver failure

Di-Wei Zheng, Ke-Wei Chen, Jian-Hua Yan, Zhi-Yong Rao, ... Xian-Zheng Zhang

Pages 30-40

Download PDF   Article preview

Abstract   Graphical abstract

Abstract

Liver failure is a fatal disease with a mortality rate of 80%. The only access to treat liver failure is invasive operation, which is restricted by limited donor sources or high costs. Thus, non-invasive medication for liver failure is urgently needed. Herein, we tried the first attempt to design a seed-inspired hydrogel with a micro-ecosystem, which imitates characteristics of seed with high intestinal adaptability, for the elimination of harmful metabolites in liver failure using a cascade reaction triggered by encapsulated microbes. Focusing on abnormal ammonia assimilation and intestinal oxygen metabolism, a two-component artificial microbiota was constructed to enable efficient intestinal oxygen consumption and subsequent hypoxia-induced ammonia elimination. More importantly, we imitated plant seeds with high adaptability to the intestinal environment to improv

Research article • Full text access

A seed-like hydrogel with metabolic cascade microbiota for oral treatment of liver failure

Di-Wei Zheng, Ke-Wei Chen, Jian-Hua Yan, Zhi-Yong Rao, ... Xian-Zheng Zhang

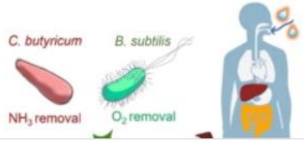
Pages 30-40

Download PDF   Article preview

Abstract   Graphical abstract

Graphical abstract

A seed-like hydrogel with metabolic cascade microbiota was demonstrated to achieve efficient oxygen consumption and cascaded hypoxia-induced ammonia elimination, which can reduce hepatotoxic endotoxin and neurotoxic ammonia in situ in the non-invasive treatment of liver failure.



Guide for authors (저자를 위한 안내)

: 메뉴스크립트 준비에서 제출, 심사 및 프루프 리딩에 이르기까지 전반적인 상세한 안내

메뉴스크립트 템플릿이 제공되면 저자들에게 편리함

An example (material today)

- Types of article
- Editor selection and invited articles
- Alternative publications
- Submission checklist

BEFORE YOU BEGIN

- Ethics in publishing
- Declaration of competing interest
- Submission declaration and verification
- Use of inclusive language
- Author contributions
- Changes to authorship
- Copyright
- Role of the funding source
- Open access
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PREPARATION

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- Data visualization
- Supplementary material
- RESEARCH DATA
- Research Elements

AFTER ACCEPTANCE

- Proofs
- Offprints

AUTHOR INQUIRIES

An example of a manuscript template

Title (Use Title Case)

1st Author Name [a], 2nd Author Name [b], 3rd Author Name [c]

[a] 1st Author Affiliation, City, Country, e-mail address

[b] 2nd Author Affiliation, City, Country, e-mail address

[c] 3rd Author Affiliation, City, Country, e-mail address

Abstract

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Keywords

Add about 5 keywords or phrases separated by semicolons for use in indexing this paper; these may also be used to identify appropriate reviewers. For the Keywords heading, use the Normal style and bold it.

1 Introduction

External peer review (외부 동료 심사)

: 출판된 논문에 대해 복수의 동료에 의한 외부 심사가 이루어지고 있는가?
논문 심사는 평균 얼마의 시간이 소요되며, 심사에 특별히 많은 시간이 소요되는 논문들이 얼마나 되는지?
Review pool이 충분히 확보되어 있는가?
메뉴스크립트에 대한 심사평이 충실한가?
심사평에 바탕한 에디터의 최종 결정은 적절한가?

Acceptance rate (게재율)

: 제출된 메뉴스크립 숫자 대비 몇 개의 논문이 출판되고 있는가?

Limited authors (제한된 저자)

: 논문의 저자들이 한 나라 또는 한 기관에 치중되어 있지는 않는가?
소수의 저자들이 많은 논문을 출판하고 있지 않는가?

Published articles (출판된 논문)

: 출판된 논문의 충실도와 일관성, 편집의 적절성(그래프 및 그림의 배치와 해상도 등)

Examples (material today vol. 58)