

Cambridge Core

이용자 매뉴얼

<https://www.cambridge.org/core>

출판사 소개

- Cambridge University Press는 세계에서 가장 오래된 아카데미 출판사
- 글로벌 학술 출판사로서 100개국이 넘는 나라들로부터의 50,000 타이틀 이상의 출판물 보유
- Cambridge Core 플랫폼을 통해 다양한 주제 분야의 400 종 이상의 저널, 전자 도서, 데이터베이스 등 제공

주제

- 전주제 (인문&예술, 사회과학, 경제경영, 과학&공학, 기술, 의학, 신학 등)

출판사 사이트 URL - <https://www.cambridge.org/core>

메인 페이지

The screenshot shows the Cambridge Core website main page. At the top, there is a navigation bar with the Cambridge University Press logo on the left and links for 'Discover Content', 'Products and Services', 'Register', 'Log In', and '(0) Cart' on the right. Below this is a dark blue header with 'Cambridge Core' on the left and 'Institution Login' on the right. A central navigation menu is highlighted with an orange box, containing 'Browse', 'Services', and 'Open research'. An orange arrow points from the 'Browse' link to a text box. Below the header, the 'Cambridge Core' logo and tagline 'The home of academic content' are visible. A large search bar is highlighted with an orange box, containing the text 'Search all journal & book content' and a 'Browse by subject' button. A text box explains the search bar's functionality. The background features a dark blue space-themed image with a large shield-like shape in the center.

Cambridge Core

Browse Services Open research

Institution Login

Cambridge Core
The home of academic content

Browse subjects : 역사, 문학, 의학, 물리학, 천문학, 경제학 등 36개 주제 별로 이북과 저널을 찾아볼 수 있음.

Publication : Cambridge University Press에서 출판사는 컬렉션 및 시리즈, 저널, 도서 등을 확인할 수 있음.

Open research : Open Access 관련 정보 등을 확인할 수 있음.

Services : 카테고리별 제공 서비스를 확인할 수 있음.

Search all journal & book content

Browse by subject

단어, ISSN, ISBN 등 키워드 검색
※ 저널과 이북이 모두 검색됨

저널 브라우징

1 Browse ^ Services v Open research v

2 Journals

3 Go to Journals hub →

Browse > Journals > Go to Journals hub 를 클릭하면 CUP에서 제공하고 있는 저널을 확인할 수 있음

Search

Subjects

Open access

Books

Elements

Textbooks

Collections

Partners

Explore

All journal subjects

Search journals

Open access

Open access journals

Research open journals

journals containing open access

Open access articles

Collections

Cambridge Forum

Cambridge Law Reports Collection

Cambridge Prisms

Research Directions

At Cambridge University Press, we currently publish more than 420 peer-reviewed academic journals covering subjects across the humanities, social sciences and science, technology and medicine.

Search and filter

All titles

All subjects

Access: unfiltered

- Acta Neuropsychiatrica
- Acta Numerica
- Advances in Applied Probability
- Advances in Archaeological Practice

Access: Full

Open access

Access: Full

Open access

Get access

Contains open access

Access: Full

저널 브라우징



Journals

At Cambridge University Press, we currently publish more than 420 peer-reviewed academic journals covering subjects across the humanities, social sciences and science, technology and medicine.

Search and filter: All titles | All subjects | Access: unfiltered

- Full access
- Subscribed
- Past subscription
- Archive
- Open access
- Contains open access
- All journals I have access to

Contains open access

Access: Full

Open access

Get access

Contains open access

주제별로 저널 보기

액세스 유형,
콘텐츠 유형 별로
필터를 설정하여
해당 저널을
확인할 수 있음

키워드 검색

The image shows the Cambridge Core website homepage. At the top left is the Cambridge University Press logo. The top right navigation bar includes links for 'Discover Content', 'Products and Services', 'Register', 'Log In', and a cart icon. Below this is a dark blue header with 'Cambridge Core' and navigation options like 'Browse', 'Services', and 'Open research'. The main content area features the 'Cambridge Core' logo and the tagline 'The home of academic content'. A large search bar is centered, containing the text 'Search all journal & book content' and a magnifying glass icon. Below the search bar is a 'Browse by subject' button. A text box with Korean text is overlaid on the search bar area.

Cambridge Core 메인 화면 또는
저널 브라우징 페이지에 검색창에서 키워드 검색

검색 결과

Search Results

검색 결과 좁히기
→ 다음 페이지 참고

검색 결과 저장
(로그인 필요)

Sorted by Relevan

Save search

관련도 순, 타이틀 순, 최신출판일자 순으로
검색 결과 정렬하기

Refine search

fluid mechanics

Access:

- Only show content I have access to (19352)
- Only show open access (6009)

Content type:

- Articles (82698)
- Chapters (4397)
- Books (2486)
- Elements (84)
- Journals (20)
- Series (3)

Author:

e.g. John Smith

Publication date:

- Forthcoming (44)
- Last week (44)
- Last month (203)
- Last 3 months (1187)
- Last 6 months (1749)
- Last 12 months (3206)
- Last 3 years (8659)
- Over 3 years (80942)

From year: To year:

e.g. 1771 e.g. 1986

Apply

Subject:

- Physics and Astronomy (37680)

89668 results for fluid mechanics

Page 1 of 4484

First Prev 1 2 3 4 5 6

Title match

-  **Fluid Mechanics**
Foundations and Applications of Mechanics
Volume 2, 3rd edition
C. S. Jog
Published online: 05 May 2015
Print publication: 25 June 2015
Book Get access Export citation
View description

Title match

-  **Fluid Mechanics**
2nd edition
Gregory Falkovich
Published online: 04 August 2018
Print publication: 12 April 2018
Book Get access Export citation
View description

Title match

- S - Fluid Mechanics**
Michael Casey, Chris Robinson
Book: *Radial Flow Turbocompressors*
Published online: 08 July 2021
Print publication: 29 April 2021, pp 135-190
Chapter Get access Export citation
View extract

- 타이틀, 저자, 콘텐츠 유형 등 정보 확인
- 타이틀을 클릭하면 콘텐츠 페이지로 이동

검색 결과 좁히기

The screenshot displays the 'Refine search' sidebar on the left, which includes filters for Access, Content type, Author, and Publication date. The main search results area on the right shows filters for From year, To year, Subject, Tags, Journals, Publishers, Societies, Series, and Collections. The search term 'public health' is entered in the search bar.

Refine search

public health

Access:

- Only show content I have access to (24178)
- Only show open access (6040)

Content type:

- Articles (92844)
- Chapters (55702)
- Books (5700)
- Journals (197)
- Series (62)
- Elements (27)

Author:

e.g. John Smith

Publication date:

- Forthcoming (123)
- Last week (67)
- Last month (290)
- Last 3 months (1001)
- Last 6 months (2197)
- Last 12 months (5419)
- Last 3 years (116940)
- Over 3 years (137205)

From year: e.g. 1771 **To year:** e.g. 1986 **Apply**

Subject: [Show more](#)

- Medicine (31045)
- History (28812)
- Politics and International Relations (21948)
- Area Studies (20212)

Tags

Add keyword

Journals: [Show more](#)

- The British Journal of Psychiatry (3001)
- American Political Science Review (2838)
- Public Health Nutrition (2547)
- International Journal of Technology Assessment in Health Care (2457)

Publishers: [Show more](#)

- Cambridge University Press (46798)
- Boydell & Brewer (3322)
- Liverpool University Press (2093)
- ISEAS-Yusof Ishak Institute (1683)

Societies: [Show more](#)

- Nutrition Society (4982)
- The Royal College of Psychiatrists (4740)
- Women and Politics Section-APSA (3019)
- The Association for Asian Studies (2748)

Series: [Show more](#)

- Books and Monographs (851)
- Cambridge Companions to Literature (779)
- Cambridge Library Collection - Rolls (652)
- Cambridge Studies in Comparative Politics (372)

Collections: [Show more](#)

- Cambridge Library Collection (3931)
- Cambridge Textbooks (1474)
- Cambridge Companions (1343)
- Cambridge Histories (1298)

The screenshot displays the 'Actions for selected content' sidebar, which includes options for selecting all or deselecting all items, and buttons for viewing selected items, saving to bookmarks, exporting citations, downloading PDF (zip), sending to Kindle, Send to Dropbox, and Send to Google Drive.

Actions for selected content:

[Select all](#) | [Deselect all](#)

[View selected items](#)

[Save to my bookmarks](#)

[Export citations](#)

[Download PDF \(zip\)](#)

[Send to Kindle](#)

[Send to Dropbox](#)

[Send to Google Drive](#)

체크박스에 표시한 검색결과에 한해 북마크 저장, 인용정보 보기, PDF 다운로드, Kindle/Dropbox/Google Drive로 전송 가능

검색 결과 좁히기 (Refine search)

- 이용가능한 타이틀/Open Access 타이틀만 재검색
- Content 형태(저널/아티클/이북/챗터)
- 저자, 출판일자, 주제, 태그, 저널, 출판사, 학회, 시리즈, 컬렉션

저널 페이지

북마크 하기, Alert 신청, RSS, 공유하기 기능

The screenshot shows the homepage of the Journal of Fluid Mechanics. At the top, the journal title is displayed. A search bar is highlighted with an orange box, with the text '저널 내 재검색' (Re-search in journal) next to it. Below the search bar are buttons for 'Submit your article', 'Announcements', and 'Subscribe'. A navigation menu includes 'Journal home', 'Journal information', 'Most Downloaded Articles', 'Latest volume', 'All volumes', 'Focus on Fluids', 'JFM Rapids', 'JFM Perspectives', and 'Open access articles'. The main banner features 'JFM VOLUME 1000' and 'FLOW APPLICATIONS OF FLUID MECHANICS' with a 'Read more' button. A sidebar on the left contains the journal cover and contact information. A right sidebar highlights the 'Emerging Scholar Best Paper Prize'. Annotations in Korean boxes point to various features: '최근 가장 많이 이용된 아티클' (Most used articles) points to 'Most Downloaded Articles'; '최신이슈' (Latest issue) points to 'Latest volume'; '저널의 모든 이슈' (All journal issues) points to 'All volumes'; and 'OA 아티클' (Open Access articles) points to 'Open access articles'.

저널 페이지

Journal home Journal information Most Downloaded **Articles** Latest volume **All volumes** Focus on Fluids JFM Rapids JFM Perspectives Open access articles

All issues를 클릭하면 연도별 발행 Volume을 볼 수 있다.

Aa Aa Expand full list
Reduce text Enlarge text

2020s (Vol 882-1004)

Partial access

- 2025 (Vol 1002-1004)

연도 앞 + 표시를 클릭하면 하위 Volume을,
Volume 번호를 클릭하면 하위 아티클을 확인할 수 있다.

Volume 1004

10 February 2025

Volume 1003

25 January 2025

Volume 1002

10 January 2025

+ 2024 (Vol 978-1001)

Access

+ 2023 (Vol 954-977)

+ 2022 (Vol 930-953)

+ 2021 (Vol 906-929)

+ 2020 (Vol 882-905)

저널 페이지



Refine listing

Access:

- Only show content I have access to (34)
- Only show open access (33)

Publication date:

- Last week (1)
- Last month (64)
- Last 3 months (64)
- Last 6 months (64)
- Last 12 months (64)
- Last 3 years (64)

발행 시기별로
아티클 확인 가능

Actions for selected content:

Select all | Deselect all

View selected items

Save to my bookmarks

Export citations

[< Back to all volumes](#)

Volume 980 - 10 February 2024

Sorted by Page/Article number: low to high

Page 1 of 4

First « Prev **1** 2 3 4 Next » Last

JFM Rapids



Shape effect on solid melting in flowing liq

Rui Yang, Christopher J. Howland, Hao-Ran Liu, Roberto Verzicco, Detlef Lohse

Published online by Cambridge University Press: 26 January 2024, R1

Article Access Open access

PDF 보기

HTML 보기

PDF

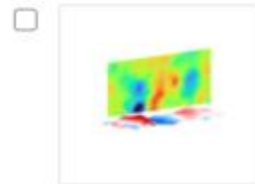
HTML

Export citation

View abstract

인용정보

초록 보기



On the scaling and critical layer in a turbulent boundary layer surface

Yuhui Lu, Tianrui Xiang, Tamer A. Zaki, Joseph Katz

Published online by Cambridge University Press: 31 January 2024, R2

Article Access Open access

PDF

HTML

Export citation

View abstract

아티클 페이지



아티클 목차

- Article contents**
- Abstract
 - Introduction
 - Experimental details
 - Result: breaking dynamics at various surfactant conditions
 - Discussion: effect of Marangoni stresses on breaking dynamics
 - Conclusion
 - Funding
 - Declaration of interests
 - Author contributions
 - References

The effects of surfactants on plunging breakers

Published online by Cambridge University Press: 03 October 2023

아티클 정보 - 출판일, 저자 정보

M.A. Ervin, C. Liu, X. Liu, W. Mostert, L. Deike and J.H. Duncan

Article Figures Supplementary materials Metrics

Save PDF Share Cite Rights & Permissions

원문 재사용(저작권) 관련 확인

Abstract

The effects of surfactants on a mechanically generated wave packet are studied experimentally in a laboratory wave tank. Waves are generated using a progressively focused wave packet with a characteristic wavelength of $\lambda_0 = 1.18$ m. Experiments are performed with two sets of surfactant solutions. In the first set, increasing amounts of the soluble surfactant Triton X-100 are mixed into the tank water, while in the second set filtered tap water is left undisturbed in the tank for wait times ranging from 15 min to 21 h. Increasing Triton X-100 concentrations and longer wait times lead to surfactant-induced changes in the dynamic properties of the free surface in the tank. It is found that low surface concentrations of surfactants can dramatically change the wave breaking process by changing the shape of the jet and breaking up the entrained air cavity at the time of jet impact. Direct numerical simulations (DNS) of plunging breakers with constant surface tension are used to show that there is significant compression of the free surface near the plunging jet tip and dilatation elsewhere. To explore the effect of this compression/dilatation, the surface tension isotherm is measured in all experimental cases. The effects of surfactants on the plunging jet are shown to be primarily controlled by the surface tension gradient ($\Delta\sigma$) while the ambient surface tension of the undisturbed wave tank (σ_0) plays a secondary role.

JFM classification

Waves:Free surface flows, Wave breaking Waves:Free surface flows, Surface gravity waves

아티클 정보 및 DOI

Type	JFM Rapids
Information	Journal of Fluid Mechanics, Volume 972, 10 October 2023, R5 DOI: https://doi.org/10.1017/jfm.2023.721
Creative Commons	This is an Open Access article, distributed under the terms of the Creative Commons Attribution licence (http://creativecommons.org/licenses/by/4.0/), which permits unrestricted re-use, distribution and reproduction, provided the original article is properly cited.
Copyright	© The Author(s), 2023. Published by Cambridge University Press.

관련 콘텐츠

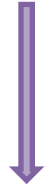
- Related content**
- Wave statistics and energy dissipation of shallow-water breaking waves in a tank with a level bottom
Shao Liu, Hai Wang, Annie-Claire Beynel-Laine, Cheng Li, Joseph Katz and Olivier Couder-Delgado
Journal of Fluid Mechanics
Published online: 16 November 2023
- Plunging breakers. Part 1. Analysis of an ensemble of wave profiles
M.A. Ervin, X. Liu, S.D. Wang and J.H. Duncan
Journal of Fluid Mechanics
Published online: 23 July 2023
- Air entrainment and bubble statistics in breaking waves
Luc Deike, W. Karim Melville and Stephanie Popinet
Journal of Fluid Mechanics
Published online: 19 July 2016
- An experimental investigation of divergent bore waves simulated by a two-dimensional plus
Journal of Fluid Mechanics
Published online: 20 August 2009

Reference

References

- Alpers, W. & Hühnerfuss, H. 1989 The damping of ocean waves by surface films: a new look at an old problem. *J. Geophys. Res.: Oceans* 94 (C5), 6251–6261. [CrossRef](#) [Google Scholar](#)
- Banner, M.L. & Peregrine, D.H. 1993 Wave breaking in deep-water. *Annu. Rev. Fluid Mech.* 25, 373–397. [CrossRef](#) [Google Scholar](#)
- Bell, T.G., De Bruyn, W., Marandino, C.A., Miller, S.D., Law, C.S., Smith, M.J. & Saltzman, E.S. 2015 Dimethylsulfide gas transfer coefficients from algal blooms in the Southern Ocean. *Atmos. Chem. Phys.* 15 (4), 1783–1794. [CrossRef](#) [Google Scholar](#)
- Ceniceros, H.D. 2003 The effects of surfactants on the formation and evolution of capillary waves. *Phys. Fluids* 15 (1), 245–256. [CrossRef](#) [Google Scholar](#)

온라인 (HTML) 보기



인용 문구 내보내기

Journal home | Journal information | Latest issue | All issues | Focus on Fluids | JFM Rapids | JFM Perspectives | Open access articles | Most read

< Back to all volumes

Volume 980 - 10 February 2024

Sorted by Page/Article number: low to high

Page 1 of 4

First < Prev 1 2 3 4 Next > Last

Refine listing

Access:

- Only show content I have access to (64)
- Only show open access (33)

Publication date:

- Last week (1)
- Last month (64)
- Last 3 months (64)
- Last 6 months (64)
- Last 12 months (64)
- Last 3 years (64)

Actions:

- View selected items
- Save to my bookmarks
- Export citations**
- Download PDF (zip)

JFM Rapids

Focus on Fluids

인용을 원하는 아티클 클릭 후
-> Export citations 클릭

Citation Tools

Copy and paste a formatted citation or download in your chosen format

인용형식 변경

AMA (American Medical Association)

Yang R, Howland Q, Liu H-R, Verzicco R, Lohse D. Shape effect on solid melting in flowing liquid. *Journal of Fluid Mechanics*. 2024;980:R1. doi:10.1017/jfm.2023.1080

인용정보 복사

Copy to clipboard

인용정보 다운로드

download

- Bitlink
- RIS
- Word
- Text

저널 Alert 설정

The screenshot shows the 'Journal of Fluid Mechanics' website. At the top right, there are icons for a bookmark, a notification bell (circled in orange), RSS, and a share icon. Below the search bar, the 'My account' button is highlighted with an orange box. An arrow points from this box to the 'My alerts' page. The 'My alerts' page has a sidebar on the left with 'My account' expanded, showing 'My alerts' as the selected option. The main content area is titled 'My alerts' and contains instructions on how to manage alerts. Below the instructions, there is a table for 'Journal alerts' with columns for 'Journal title', 'Alert type', and 'Frequency'. The 'Journal of Fluid Mechanics' row is visible, with a dropdown menu set to 'Weekly'. There are 'Add alert' and 'Remove all alerts' buttons at the bottom of the table.

알림을 받고자 하는 저널 페이지에서 Alert 버튼 클릭

My account > My alerts에서 추가된 Alert (알림) 확인 가능

저널 Altmetric

Antidepressants and public health in Iceland: Time series analysis of national data
 Tómas Helgason, Helgi Tómasson, Tómas Zoëga
 Journal: *The British Journal of Psychiatry* / Volume 184 / Issue 2 / February 2004
 Published online by Cambridge University Press: 02 January 2018, pp. 157-162
 Print publication: February 2004

Article Get access Export citation
 View abstract

아티클 옆 동그란 버튼으로 표시
 클릭하면 아래와 같이 자세한 내용 확인 가능

CAMBRIDGE UNIVERSITY PRESS

Antidepressants and public health in Iceland

Overview of attention for article published in *British Journal of Psychiatry*, January 2018

85

About this Attention Score
 In the top 5% of all research outputs scored by Altmetric

Mentioned by
 11 news outlets
 4 tweeters

Citations
 87 Dimensions

Readers on
 43 Mendeley

SUMMARY News Twitter Dimensions citations

Title Antidepressants and public health in Iceland
 Published in *British Journal of Psychiatry*, January 2018
 DOI 10.1192/bjp.184.2.157
 Pubmed ID 14754829
 Authors Tómas Helgason, Helgi Tómasson, Tómas Zoëga
 Abstract Major depressive disorder is the second leading cause of disability-adjusted life-years in... [Show]

View on publisher site
 Alert me about new mentions

TWITTER DEMOGRAPHICS MENDELEY READERS ATTENTION SCORE IN CONTEXT

The data shown below were collected from the profiles of 4 tweeters who share

TWITTER DEMOGRAPHICS & MENDELEY READERS
 트위터와 Mendeley 상의 해당 연구자에 대한 국적/직업 확인 가능

ATTENTION SCORE IN CONTEXT
 온라인 상 관심도 수치 (해당 주제 및 6주 내 발행물 범위 내 확인 가능)

1) Altmetric Attention Score(온라인상 관심도를 수치화)
 2) 아티클에 대한 SNS(Tweeter, Facebook 등) 상 언급
 3) 서지정보관리도구(Mendeley, CiteULike 등) 상 구독자 수

Geographical breakdown

Country	Count	As %
Norway	1	25%
United States	1	25%
Costa Rica	1	25%
Unknown	1	25%

Demographic breakdown

Type	Count	As %
Members of the public	3	75%
Practitioners (doctors, other healthcare professionals)	1	25%

모바일 서비스

모바일 사이트 URL : www.cambridge.org/core

이용방법 :

- 관내 접속: 관내 IP 대역 내에서 이용할 경우, Cambridge Core 사이트 바로 접속하여 이용
- 관외 접속: 기관의 프록시 서버로 기관 이용자 인증 후 접속

모바일 서비스 특징

- 모바일 브라우저에 최적화된 디스플레이
- 구독 중/구입 출판물 이용
- HTML 및 PDF 형태의 원문 저장 및 보기(오프라인 작업 가능)
- 북마크 추가, Alert 신청
- Kindle, Google drive, Dropbox에 원문 저장
- Email, Twitter, Facebook를 통한 원문 전송 및 공유

참고 URL

Cambridge Core Help Centre

<https://www.cambridge.org/core/help/faqs>

Cambridge Core Help Centre

https://corehelp.cambridge.org/hc/en-gb

Back to Cambridge Core Cambridge Core Help Centre

Cambridge Core

Frequently asked questions Contact us Contact details

What would you like help with?

- About Cambridge University Press
- Using Cambridge Core
- Content
- Access to content
- Publish with Cambridge
- Open Research
- Personal account
- Administrator / Librarian
- Library Sales
- Subscriptions
- Collections & Series
- Societies and Memberships

Welcome to
Cambridge Core Help Centre

Search

Learn how to use Cambridge Core and find answers to common questions.

Cambridge Core is the principal academic platform from Cambridge University Press. It replaces and combines content from Cambridge Journals Online, Cambridge Books Online, Cambridge Histories Online, Cambridge Companions Online, and Shakespeare Survey Online.

Currently, our help centre content is only available in English. We apologise for any inconvenience this may cause and appreciate your understanding.

We encourage you to use the article feedback feature if you have any feedback or suggestions regarding individual articles. Your input helps us improve and serve you better. Thank you for your support!

Popular articles

- [How do I access content available to my university or other organisation?](#)
- [How do I purchase access to content available on Cambridge Core for my organisation?](#)
- [How do I log in to my account?](#)
- [How can I sign up to alerts from Cambridge Core?](#)
- [How do I configure IP access for my organisation?](#)
- [How do I set up inbound open URLs?](#)



감사합니다.

www.ebsco.co.kr

Tel : 02-598-2571