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3. AIP Publishing 콘텐츠 이용방법

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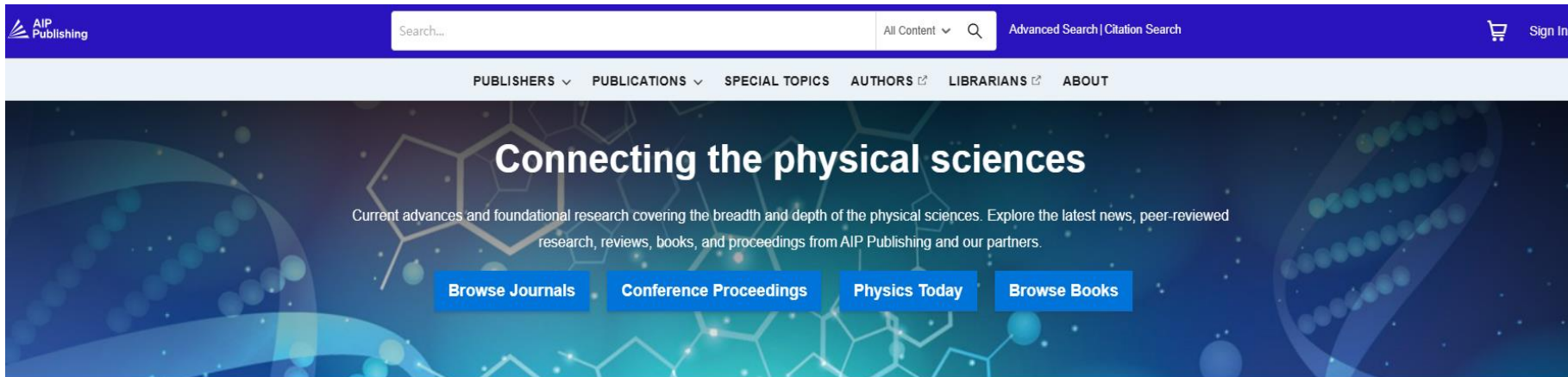


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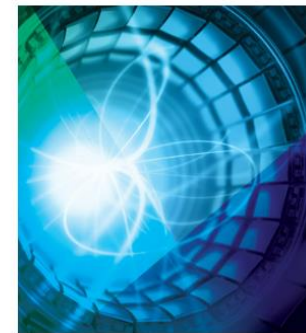
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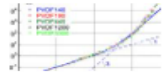
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AIP 페이스북, 트위터 연동

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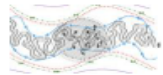


Rigid rod particle like viscoelastic responses of poly(vinylidene fluoride) in N-methylpyrrolidone solution

Hyota Hozumi, Yuki Nohara et al.

A systematic study was performed on the dynamic viscoelastic properties of N-methylpyrrolidone (NMP) solutions of poly(vinylidene fluoride) (PVDF) samples with a wide range of weight average molar

RESEARCH ARTICLE | MAY 01 2023



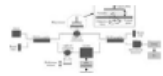
A tube model for predicting the stress and dielectric properties of polymers

Chinmay Das, Daniel J. Read

We present an algorithm to predict the linear relaxation spectra for linear polymers of fully general and arbitrary polydispersity. As is common in the tube theory descriptions of linear polymers, we ...

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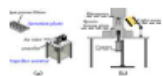


Characterizing the rheology of lamellar gel networks with optical coherence tomography velocimetry

Owen Watts Moore, Thomas Andrew Waigh et al.

Lamellar gel networks based on mixtures of cetostearyl alcohol and a cationic surfactant, cetyl-trimethylammonium chloride, were studied using a combination of rheometry and optical coherence

RESEARCH ARTICLE | MAY 01 2023



Effect of polydispersity and bubble suspensions in Newtonian media

Stamatina Mitrou, Simona Migliozi et al.

In this work, we examine the steady shear rheology of semidilute polydisperse bubble suspensions to elucidate the role of polydispersity on the viscosity of these systems. We prove theoretically that ...

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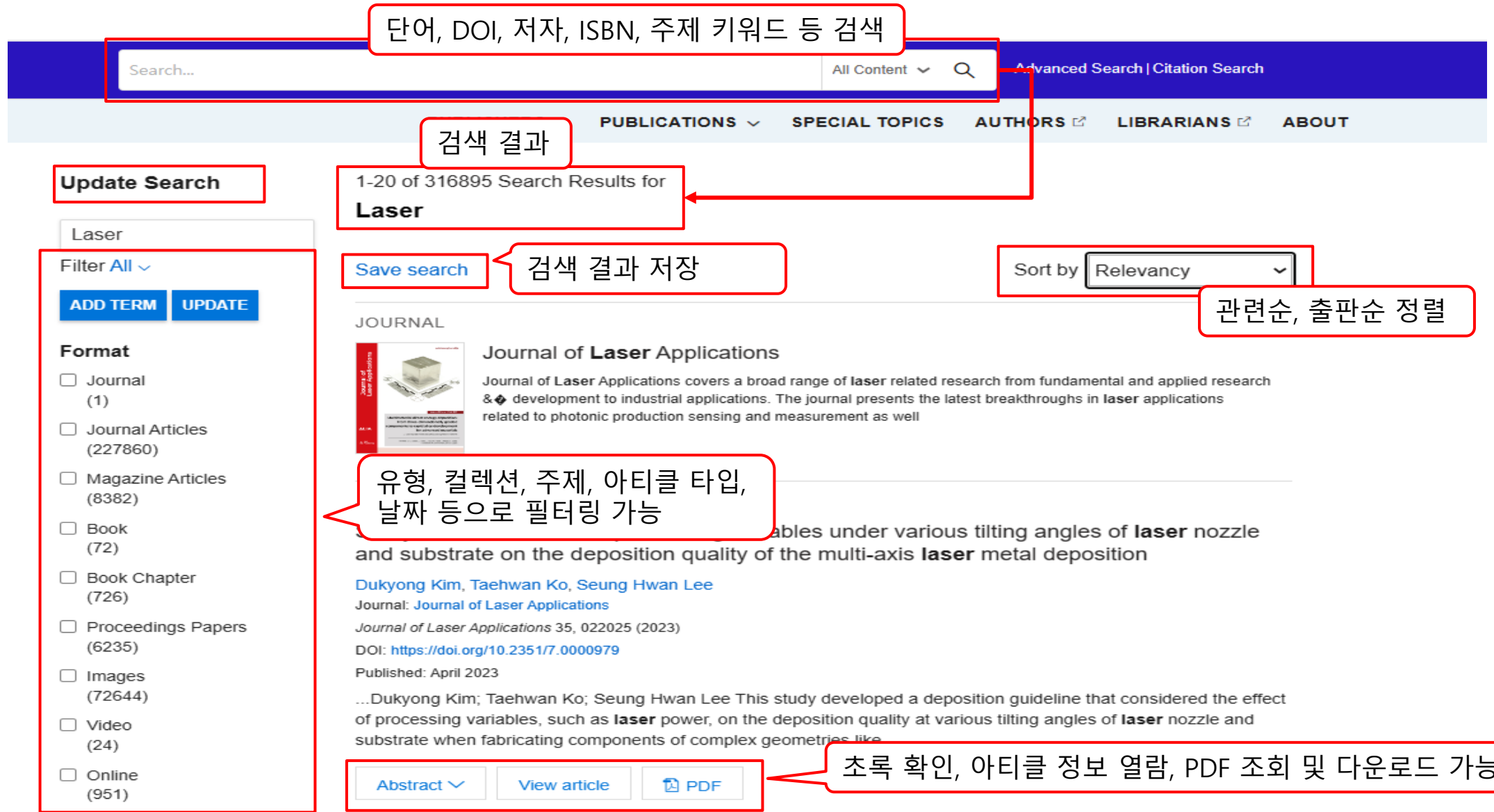
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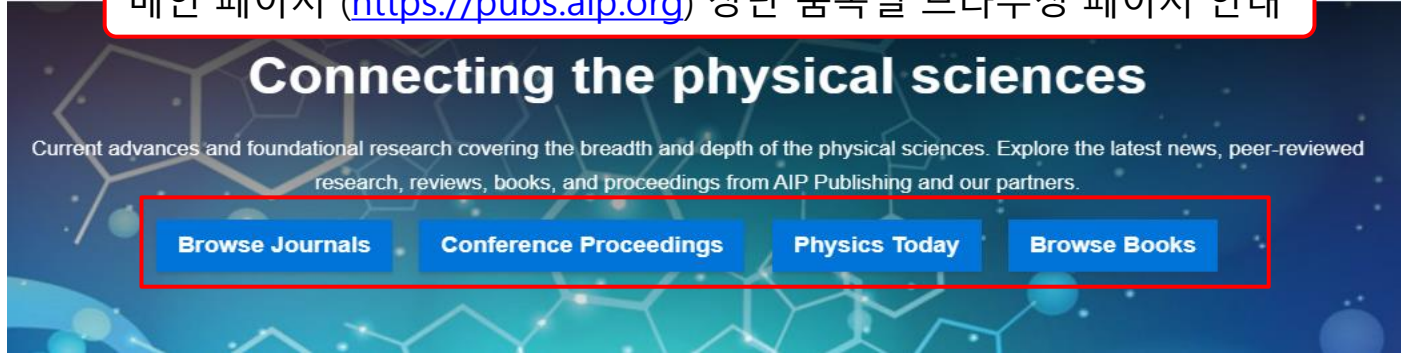


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Volume 13, Issue 4
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Xiao-Weiqian Wang; Ze-Long Zhang; Zi-Mu Xu; Xian-Hui Chen
AIP Advances 13, 045001 (2023) doi: <https://doi.org/10.1063/5.0144947>
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Identification and comparative analysis of vibration modal parameters of rice planter frame
Kaikang Chen; Yanwei Yuan; Bo Zhao; Liming Zhou; Hui Wang; Kang Niu; Xin Jin; Yongjun Zheng
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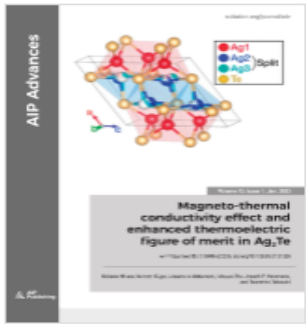
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RESEARCH ARTICLE | APRIL 17 2023

Pseudo-Leidenfrost phenomenon of droplets in an aerodynamic field
Xu Jinzhu (徐金柱), 徐金柱 et al.
Droplet regulation has significant application potential in many fields; however, conventional controlling methods make it difficult to effectively control low surface tension droplets. Inspired by ...

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RESEARCH ARTICLE | APRIL 17 2023

Pseudo-Leidenfrost phenomenon of low surface tension droplet induced by external aerodynamic field

Xu et al.

Xu Jinzhu (徐金柱); Jia Li (贾力); Liu Xinyuan (刘鑫源); Dang Chao (党超); Ding Yi (丁艺)

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AIP Advances 13, 045114 (2023)

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Droplet regulation has significant application potential in many fields; however, conventional controlling methods cannot effectively control low surface tension droplets. Inspired by the Leidenfrost

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IV. CONCLUSIONS

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Covid-19 pandemic effects on the sustainable development of learning in Iraq
 Mohammed Hasan Aldulaimi; Thair A. Kadhim; Wael Jabbar Abed Al-Nidawi; Mazin Hadi Kzar
 AIP Conference Proceedings 2776, 020001 (2023) doi: <https://doi.org/10.1063/5.0137294>
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Asthma incidence be controlled by the patient who intake drugs with good life style
 Ahmed Hassan Kudhair; Oday A. Obaidi; Nadia Abdul Hadi Abdul Ameer
 AIP Conference Proceedings 2776, 020002 (2023) doi: <https://doi.org/10.1063/5.0136356>
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The distribution of antimicrobial resistance and the presence of virulence genes in Escherichia coli isolated from frozen chicken meat in Iraq
 Nisreen Kaddim Radi; Ali H. Al-Marzooqi
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Sleep disturbance among persons over 40 years old
 Saadya H. humade, Ali T. Shnishil
 Background: Elderly people show many change and distress of sleep pattern. The sleep in old persons compared with younger persons can be deferent and have more unpleasant interruptions related with ...

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Covid-19 pandemic effects on the sustainable development of learning in Iraq

Mohammed Hasan Abdulaimi ✉; Thair A. Kadhim; Wael Jabbar Abed Al-Nidawi; Mazin Hadi Kzar

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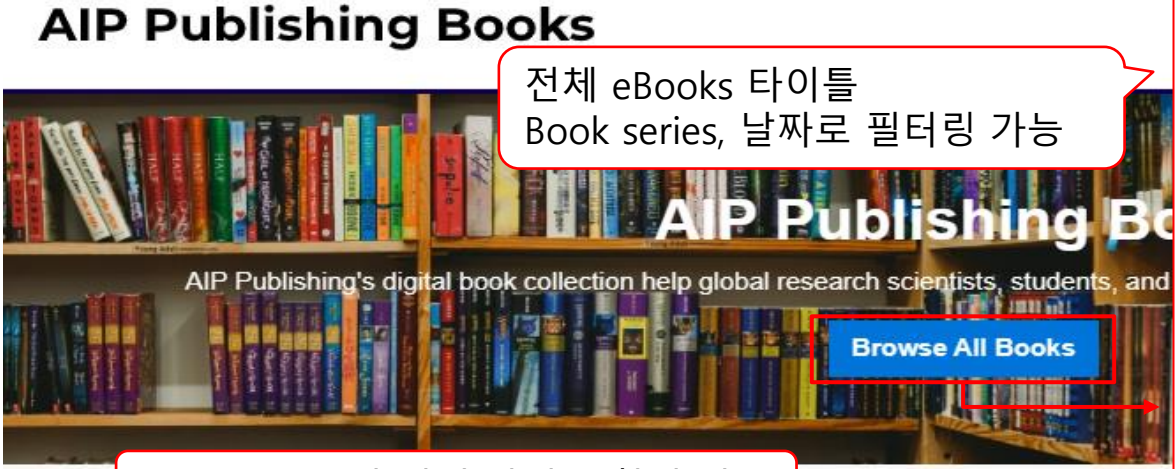
...the COVID-19 pandemic in numerous nations across the globe, all public schools in Iraq substituted traditional learning methods with digital resources. However, digital learning is still a challenge for many students, especially in rural areas. This study investigated the impact of the COVID-19 pandemic on the sustainable development of learning in Iraq. The study found that the pandemic had a significant impact on the learning process, leading to a decrease in student attendance and a shift in learning methods. The study also found that the pandemic had a significant impact on the sustainable development of learning in Iraq, leading to a decrease in student attendance and a shift in learning methods. The study also found that the pandemic had a significant impact on the sustainable development of learning in Iraq, leading to a decrease in student attendance and a shift in learning methods.

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Study of the relationship between follicle size and some hormonal and ionic components of ovarian follicular fluid with oocyte development in local goats (*Capra hircus*)



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