

APS

(American Physical Society)

이용매뉴얼

신원데이터넷

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1. 출판사 소개 및 수록내용
2. APS 홈페이지 저널 이용방법
3. APS 홈페이지 저널 검색방법

□ 출판사 소개

"To advance and diffuse the knowledge of physics"를 모토로 1899년 설립된 APS(American Physical Society)는 전 세계에서 두 번째로 규모가 큰 물리학회로 가장 많이 인용되고 있는 Physical Review를 비롯하여 총 19종의 저널을 출판하고 있으며, 매년 물리학 관련 20회 이상의 학술행사를 개최하고 있습니다.

APS는 자체 플랫폼을 통해 저널을 제공하고 있으며, 이용자의 편의성을 고려하여 최상의 서비스를 제공하고자 노력하고 있습니다. APS에는 전세계 대학, 연구소 및 기업으로부터 55,000명 이상의 물리학자가 멤버가 활동하고 있습니다.

□ 수록내용

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- 제공연도 : 1930 ~ 현재
- 제공종수 : 저널 19종
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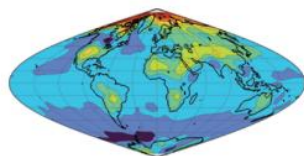
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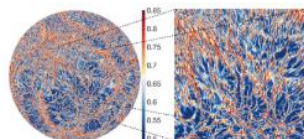
Global temperature anomaly caused by doubling the concentration of carbon dioxide over a century. Selected for an Editors' Suggestion.

Valerio Lucarini and Mickaël D. Chekroun

[Phys. Rev. Lett. 133, 244201 \(2024\)](#)

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PERSPECTIVE
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30 SEPTEMBER, 2024
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Rosario Paredes, Georg Bruun, and Arturo Camacho-Guardian
[Phys. Rev. A 110, 030101 \(2024\)](#)

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전체 Issue 보기

EDITORIAL
Editorial: Enhancing Physical Review A Letters

2. APS 홈페이지 저널 이용방법

원문 열람



The screenshot shows the APS Physical Review A journal homepage. The main article is titled "Engineering single-atom angular momentum eigenstates in an optical tweezer" by Philipp Lunt et al. The page includes a search bar, navigation menu, and article details. Annotations in blue boxes point to various features: "저자 정보" (Author Information) points to the author list; "원문 PDF" (Original PDF) points to the PDF icon; "타 플랫폼 공유" (Share on other platforms) points to the Share dropdown; "인용 정보" (Citation Information) points to the Export Citation button; and "Abstract, 논평, 참고문헌" (Abstract, Comment, Reference) points to the Outline/Information sidebar.

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FEATURED IN PHYSICS | INVITED

Engineering single-atom angular momentum eigenstates in an optical tweezer

Philipp Lunt^{1,*}, Paul Hill¹, Johannes Reiter¹, Philipp M. Preiss^{2,3}, Maciej Gałka¹, and Selim Jochim¹

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Phys. Rev. A **110**, 063315 – Published 16 December, 2024

DOI: <https://doi.org/10.1103/PhysRevA.110.063315>

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타 플랫폼 공유

인용 정보

Abstract, 논평, 참고문헌

Abstract

We engineer angular momentum eigenstates of a single atom by using an all-optical approach based on the interference of Laguerre-Gaussian beams. We confirm the imprint of angular momentum by measuring the two-dimensional density distribution and by performing Ramsey spectroscopy in a slightly anisotropic trap, which additionally reveals the sense of rotation. This article provides the experimental details on the quantum state control of angular momentum eigenstates reported in P. Lunt *et al.*, *Phys. Rev. Lett.* **133**, 253401 (2024).

3. APS 홈페이지 저널 검색방법

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Plasma-Electron Resonance, Plasma Resonance and Plasma Shape

Lewi Tonks

Phys. Rev. **38**, 1219 (1931) - Published 15 September, 1931

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PHYSICAL REVIEW E

Plasma rotation in a plasma generator

3. APS 홈페이지 저널 검색방법

검색 결과: 예-PLASMA 검색

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Lewi Tonks
Phys. Rev. **38**, 1219 (1931) - Published 15 September, 1931
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H. Meyer, S. Klose, E. Pasch, and G. Fussmann
Phys. Rev. E **61**, 4347 (2000) - Published 1 April, 2000
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