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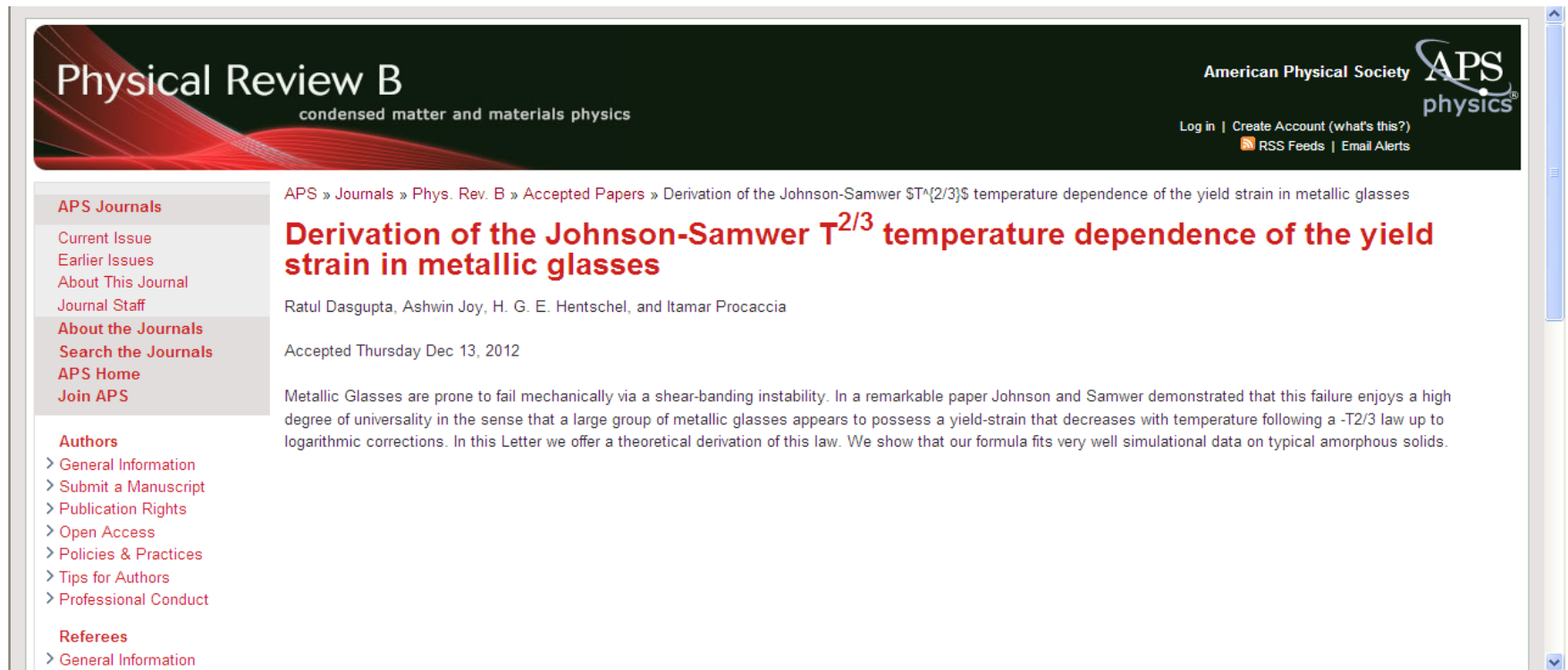
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Ejemplos de resultados en búsquedas; Por Autor



The screenshot shows the top portion of a web browser displaying a page from Physical Review B. The header includes the journal title, subtitle, and the American Physical Society logo. A navigation menu on the left lists various journal-related links. The main content area displays a search result for an article by Ratul Dasgupta, Ashwin Joy, H. G. E. Hentschel, and Itamar Procaccia, titled 'Derivation of the Johnson-Samwer $T^{2/3}$ temperature dependence of the yield strain in metallic glasses'. The article is dated Thursday, Dec 13, 2012, and includes a short abstract.

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Derivation of the Johnson-Samwer $T^{2/3}$ temperature dependence of the yield strain in metallic glasses

Ratul Dasgupta, Ashwin Joy, H. G. E. Hentschel, and Itamar Procaccia

Accepted Thursday Dec 13, 2012

Metallic Glasses are prone to fail mechanically via a shear-banding instability. In a remarkable paper Johnson and Samwer demonstrated that this failure enjoys a high degree of universality in the sense that a large group of metallic glasses appears to possess a yield-strain that decreases with temperature following a $-T^{2/3}$ law up to logarithmic corrections. In this Letter we offer a theoretical derivation of this law. We show that our formula fits very well simulational data on typical amorphous solids.

Ejemplos de resultados en búsquedas; Por Título

The screenshot displays the Physical Review Letters website interface. At the top, the journal title "Physical Review Letters" is accompanied by the tagline "moving physics forward" and the American Physical Society (APS) logo. Navigation links for Home, Browse, Search, Subscriptions, and Help are visible. A search bar contains the text "Phys. Rev. Lett." and a "Go" button. Below the search bar, a yellow banner indicates "Access provided through the subscription of Rutgers University". The main content area shows the article title "Direct Measurement of Room-Temperature Nondiffusive Thermal Transport Over Micron Distances in a Silicon Membrane" and its citation "Phys. Rev. Lett. 110, 025901 (2013) [5 pages]". A navigation bar below the title includes "Abstract", "References", "No Citing Articles", and "Supplemental Material". The abstract section is currently selected. Below the navigation bar, there are links for "Download: PDF (1,189 kB)" and "Export: BibTeX or EndNote (RIS)". The author list includes "Jeremy A. Johnson^{1,*†}, A. A. Maznev^{1,*}, John Cuffe^{2,3}, Jeffrey K. Eliason¹, Austin J. Minnich^{4,‡}, Timothy Kehoe², Clivia M. Sotomayor Torres^{2,5,6}, Gang Chen⁴, and Keith A. Nelson¹". Footnotes provide affiliations for each author. On the right side, there is a sidebar with the APS logo and the text "AMERICAN PHYSICAL SOCIETY'S NEW JOURNAL", "Physical Review X prx.aps.org", and "Committed to Excellence". At the bottom right, there is a "Physics" logo and the text "APS's FREE online publication."

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Phys. Rev. Lett. 110, 025901 (2013) [5 pages]

Direct Measurement of Room-Temperature Nondiffusive Thermal Transport Over Micron Distances in a Silicon Membrane

Abstract References No Citing Articles Supplemental Material

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Jeremy A. Johnson^{1,*†}, A. A. Maznev^{1,*}, John Cuffe^{2,3}, Jeffrey K. Eliason¹, Austin J. Minnich^{4,‡}, Timothy Kehoe², Clivia M. Sotomayor Torres^{2,5,6}, Gang Chen⁴, and Keith A. Nelson¹

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Ramez Cheaito¹, John C. Duda^{1,2}, Thomas E. Beechem², Khalid Hattar², Jon F. Ihlefeld², Douglas L. Medlin³, Mark A. Rodriguez², Michael J. Campion^{2,4}, Edward S. Piekos², and Patrick E. Hopkins^{1,*}

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- > Tips for Authors
- > Professional Conduct

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- > General Information
- > Submit a Report

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Physical Review C

Physical Review D

Physical Review E

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of a 3D compressed soft solid layer with perfectly ordered I-shape (left) deformation patterns with alternating orientation. Bottom: Depth-averaged \mathbf{dY} patterns. [T. Tallinen, J. S. Biggins, and L. Mahadevan, Phys. Rev. Lett.

Questions

As a service to our readers, starting January we will formally mark a small number of papers published in *Physical Review Special Topics - Accelerators and Beams* that the editors and referees find of particular interest, importance, or clarity.

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Announcement: Changes to the Table of Contents of *Physical Review E*

January 2, 2013

We are pleased to announce several changes to the table of contents of *Physical Review E*.

Muchas Gracias!