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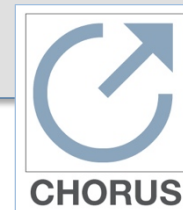
STM Innovations 29 April 2014

Howard Ratner, Executive Director, CHOR, Inc.

hratner@chorusaccess.org

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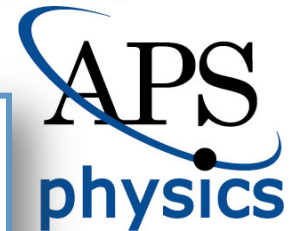


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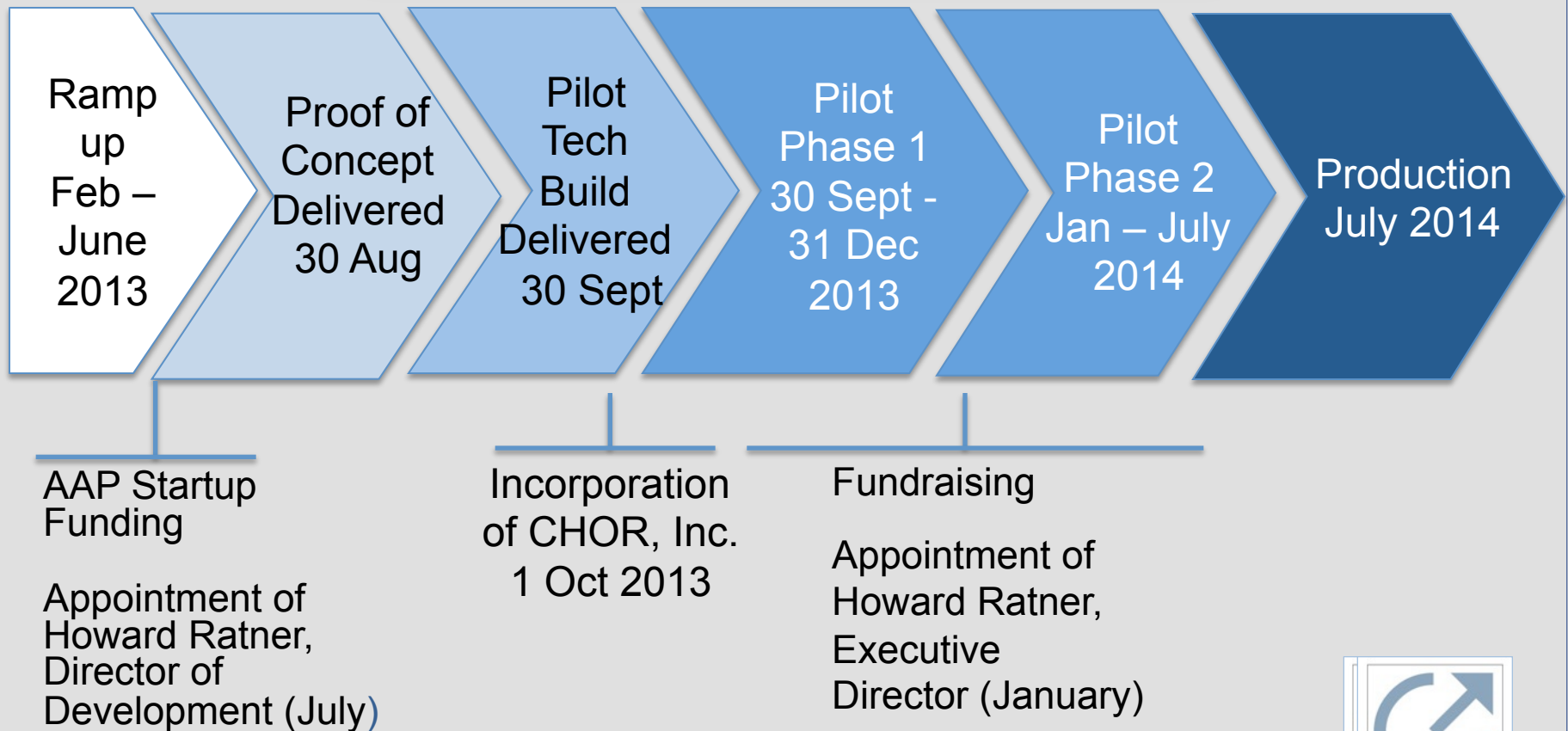
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AAAS	American Society of Mechanical Engineers	IEEE
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ACSESS	American Society of Neuroradiology	INFORMS
American Association of Anatomists	American Society of Plant Biologists	Institute of Physics Publishing
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American Association of Physicists in Medicine	Asociacion Columbiana de Infectologia	Journal of Bone and Joint Surgery
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Phys. Rev. Lett. 107, 101601 (2011) [4 pages]

Anisotropic $N=4$ Super-Yang-Mills Plasma and Its Instabilities

Abstract References Citing Articles (19)

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We present a type-IIB supergravity solution dual to a spatially anisotropic finite-temperature $N=4$ super-Yang-Mills plasma. The solution is static and completely regular. The full geometry can be viewed as a renormalization group flow from an ultraviolet anti-de Sitter geometry to an infrared

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Structure of a Virulence Regulatory Factor CviB Reveals a Novel Winged Helix RNA Binding Module

Summary

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Structure, Volume 16, Issue 4, 537-547, 14 March 2010
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10.1016/j.str.2010.02.007

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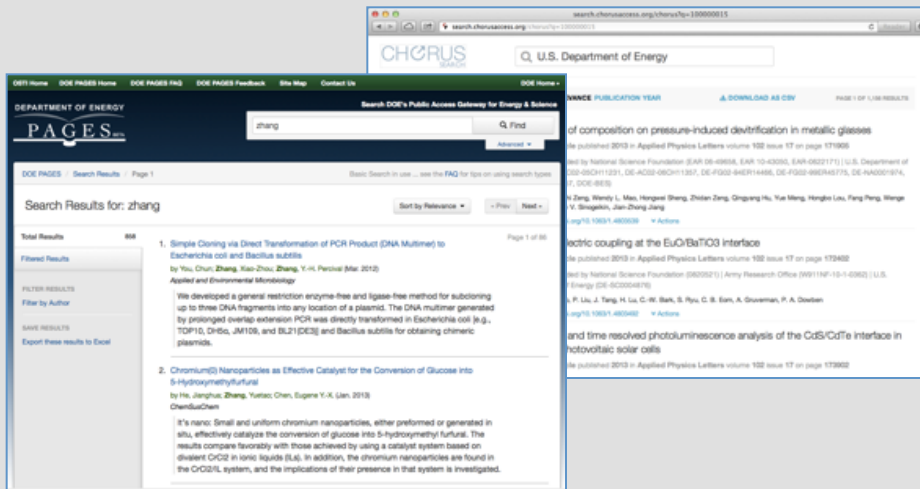
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Complete Budding and Asymmetric Division of Primitive Model Cells To Produce Daughter Vesicles with Different Interior and Membrane Compositions

Journal Article published 22 Jun 2011 in Journal of the American Chemical Society volume 133 issue 24 on pages 9545 to 9555

Research funded by National Science Foundation | National Institutes of Health | Division of Molecular and Cellular Biosciences

Authors: Meghan Andes-Koback, Christine D. Keating

Other IDs: 10.1021/ja202406v

<http://dx.doi.org/10.1021/ja202406v> Actions

The value of a multi-faceted climate change vulnerability assessment to managing protected lands: Lessons from a case study in Point Reyes National Seashore

Journal Article published May 2013 in Journal of Environmental Management volume 121 on pages 37 to 47

Research funded by Conservation Management program at UC Davis | National Science Foundation | George Melendez Wright Foundation | Division of Graduate Education (841297)

Authors: Sarah O. Hameed, Katie A. Hoizer, Angee N. Doerr, Jill H. Baty, Mark W. Schwartz

Other IDs: S0301479713001229

<http://dx.doi.org/10.1016/j.jenvman.2013.02.034> Actions

The Barents and Chukchi Seas: Comparison of two Arctic shelf ecosystems

Journal Article published Jan 2013 in Journal of Marine Systems volume 109-110 on pages 43 to 68

Research funded by Office of Polar Programs | National Science Foundation (ARC-0632154, ARC-0855748, OPP-0909571) | National Oceanic and Atmospheric Administration (NA08OAR4320870) | Arctic Natural Science Program (830146, 908262) | Research Council of Norway (190286)

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Journal Article (10,255)

YEAR

- 2011 (3,989)
- 2012 (3,697)
- 2013 (2,400)
- 2010 (150)
- 2009 (9)
- 2014 (3)
- 2007 (2)
- 2008 (2)
- 1991 (1)
- 2003 (1)

PUBLICATION

- Phys. Rev. Lett. (2,246)
- Physical Review Letters (2,246)
- Phys. Rev. B (1,942)
- Physical Review B (1,942)
- Phys. Rev. D (1,579)
- Physical Review D (1,579)
- Phys. Rev. A (769)
- Physical Review A (769)
- J. Chem. Phys. (749)
- The Journal of Chemical Physics (749)

PUBLISHER

- American Physical Society (APS) (7,653)
- American Institute of Physics (AIP) (1,895)
- Elsevier BV (459)
- American Chemical Society (ACS) (122)
- Institute of Electrical & Electronics Engineers (IEEE) (107)

Research funded by National Science Foundation | Division of Chemical, Bioengineering, Environmental, and Transport Systems (1133250)

Authors: Shibin Li, Fahmida Irin, Francis O. Atoe, Micah J. Green, Jaclyn E. Cañas-Carrell

Other IDs: S0048969712015884

<http://dx.doi.org/10.1016/j.scitotenv.2012.12.037> Actions

Cellulose Nanocrystals vs. Cellulose Nanofibrils: A Comparative Study on Their Microstructures and Effects as Polymer Reinforcing Agents

Journal Article published 24 Apr 2013 in *ACS Applied Materials & Interfaces* volume 5 issue 8 on pages 2999 to 3009

Research funded by Office of Experimental Program to Stimulate Competitive Research

Authors: Xuezu Xu, Fei Liu, Long Jiang, J. Y. Zhu, Darrin Haagenson, Dennis P. Wiesenborn

Other IDs: 10.1021/am302624t

<http://dx.doi.org/10.1021/am302624t> Actions

Evidence of martensitic phase transitions in magnetic Ni-Mn-In thin films

Journal Article published 2013 in *Applied Physics Letters* volume 102 issue 7 on page 072407

Research funded by National Science Foundation (DMR-0820521) | U.S. Department of Energy (DE-FG02-06ER46291)

Authors: A. Sokolov, Le Zhang, I. Dubenko, T. Samanta, S. Stadler, N. Ali

<http://dx.doi.org/10.1063/1.4793421> Actions

Ferromagnetic, ferroelectric properties, and magneto-dielectric effect of Bi₄.25La_{0.75}Fe_{0.5}Co_{0.5}Ti₃O₁₅ ceramics

Journal Article published 2013 in *Applied Physics Letters* volume 102 issue 7 on page 072904

Research funded by National Science Foundation (51072177)

Authors: Xiangyu Mao, Hui Sun, Wei Wang, Xiaobing Chen, Yalin Lu

<http://dx.doi.org/10.1063/1.4793305> Actions

Physisorption of functionalized gold nanoparticles on AlGaIn/GaN high electron mobility transistors for sensing applications

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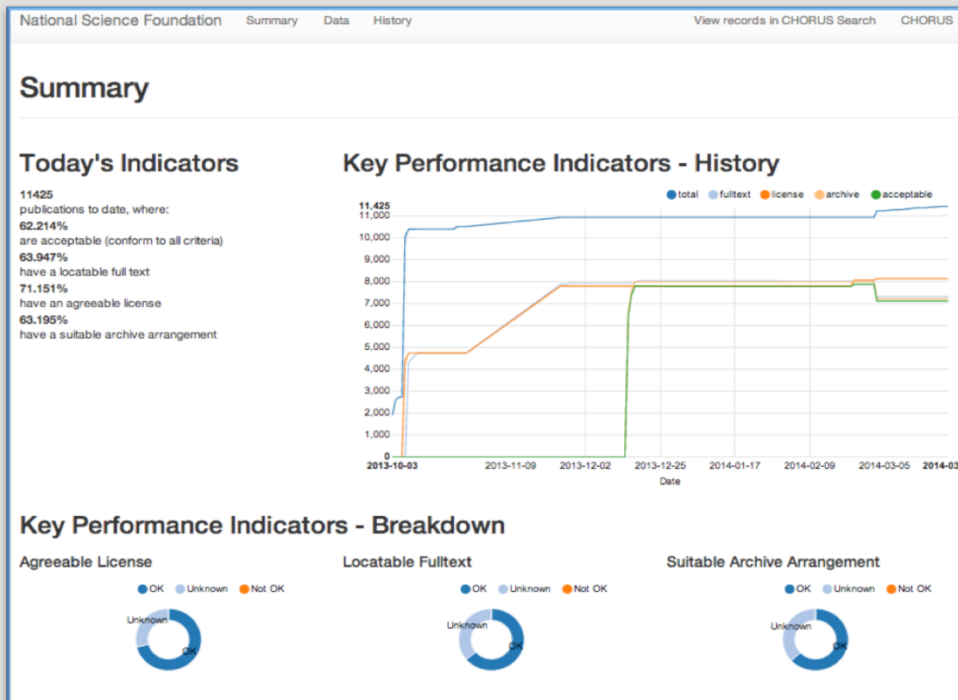
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- 1. Simple Cloning via Direct Transformation of PCR Product (DNA Multimer) to Escherichia coli and Bacillus subtilis**
by You, Chun; **Zhang**, Xiao-Zhou; **Zhang**, Y.-H. Percival (Mar. 2012)
Applied and Environmental Microbiology
We developed a general restriction enzyme-free and ligase-free method for subcloning up to three DNA fragments into any location of a plasmid. The DNA multimer generated by prolonged overlap extension PCR was directly transformed in Escherichia coli [e.g., TOP10, DH5α, JM109, and BL21(DE3)] and Bacillus subtilis for obtaining chimeric plasmids.
- 2. Chromium(0) Nanoparticles as Effective Catalyst for the Conversion of Glucose into 5-Hydroxymethylfurfural**
by He, Jianghua; **Zhang**, Yuetao; Chen, Eugene Y.-X. (Jan. 2013)
ChemSusChem
It's nano: Small and uniform chromium nanoparticles, either preformed or generated in situ, effectively catalyze the conversion of glucose into 5-hydroxymethyl furfural. The results compare favorably with those achieved by using a catalyst system based on

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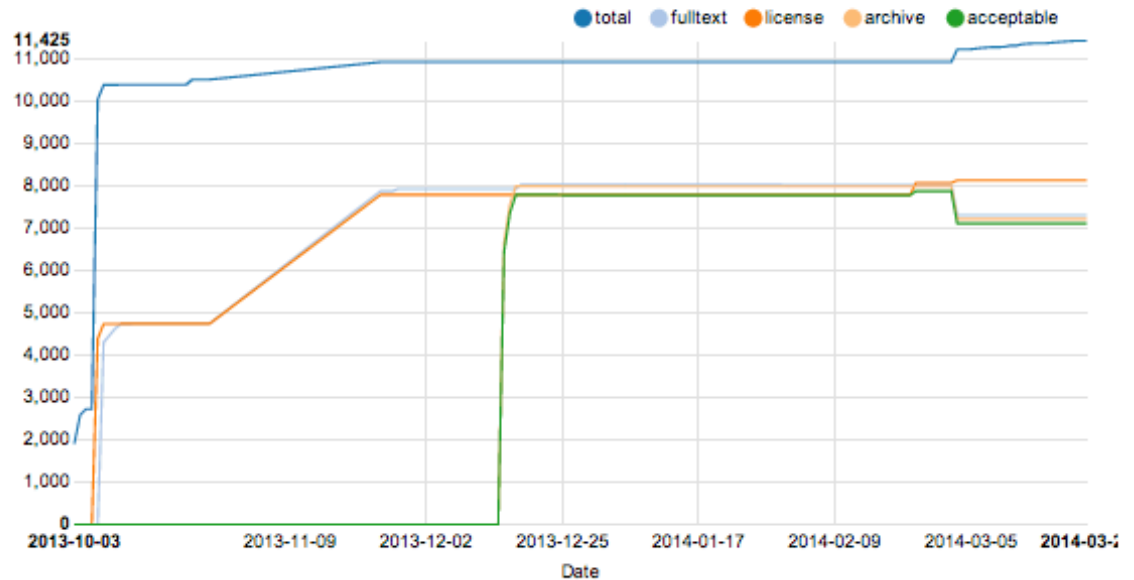
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