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New Finding



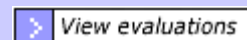
Tech Advance

Insight into "insoluble proteins" with pure water.

Song J

FEBS Lett 2009 Mar 18 **583**(6):953-9 [[abstract on PubMed](#)][[related articles](#)] [[full text](#)] [[order article](#)]**Selected by** | Gottfried Otting

Evaluated 27 Apr 2009



2



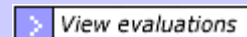
New Finding

Design and engineering of an O(2) transport protein.

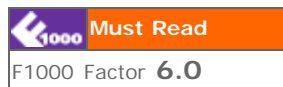
Koder RL, Anderson JL, ..., Moser CC, Dutton PL

Nature 2009 Mar 19 **458**(7236):305-9 [[abstract on PubMed](#)][[related articles](#)] [[full text](#)] [[order article](#)]**Selected by** | Jia-huai Wang

Evaluated 7 May 2009



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Hypothesis



New Finding

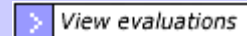
The pK(a) Values of Acidic and Basic Residues Buried at the Same Internal Location in a Protein Are Governed by Different Factors.

Harms MJ, Castañeda CA, ..., Sue GR, García-Moreno E B

J Mol Biol 2009 Mar 24 [[abstract on PubMed](#)] [[related articles](#)][[full text](#)]**Selected by** | Nathan Baker with Marcelo

Marucho

Evaluated 7 May 2009



4



Confirmation



Hypothesis



New Finding



Tech Advance

Membrane scission by the ESCRT-III complex.

Wollert T, Wunder C, Lippincott-Schwartz J, Hurley JH

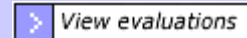
Nature 2009 Mar 12 **458**(7235):172-7 [[abstract on PubMed](#)][[related articles](#)] [[full text](#)] [[order article](#)]**Selected by** | David Stephens / Tom Rapoport

with Ann Marie Stanley / Lois Weisman /

Bruno Goud with Winfried Römer /

Michael Dustin / Judith Klumperman /

Robert Stroud / Peter McPherson



First evaluation 19 Mar 2009 | Latest evaluation
27 Apr 2009

- 5**
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F1000 Factor **9.0**
- Confirmation
 Tech Advance
- Molecular simulations of cotranslational protein folding: fragment stabilities, folding cooperativity, and trapping in the ribosome.**
- Elcock AH
PLoS Comput Biol 2006 Jul 28 **2**(7):e98
[abstract on PubMed] [related articles] [FREE full text]
- Selected by** | Narayanaswamy Srinivasan with Ramachandra M. Bhaskara
Evaluated 29 Apr 2009 [View evaluations](#)
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F1000 Factor **6.6**
- Hypothesis
 New Finding
- The Ste5 scaffold directs mating signaling by catalytically unlocking the Fus3 MAP kinase for activation.**
- Good M, Tang G, ..., Reményi A, Lim WA
Cell 2009 Mar 20 **136**(6):1085-97 [abstract on PubMed]
[related articles] [full text] [order article]
- Selected by** | Moosa Mohammadi with Andrew Beenken / Dominique Bergmann / Jane Endicott
NEW
First evaluation 5 May 2009 | Latest evaluation 13 May 2009 [View evaluations](#)
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F1000 Factor **3.0**
- Tech Advance
- High-throughput generation of tagged stable cell lines for proteomic analysis.**
- Torres JZ, Miller JJ, Jackson PK
Proteomics 2009 Apr 29 [abstract on PubMed]
[related articles] [full text]
- Selected by** | Visith Thongboonkerd
Evaluated 8 May 2009 [View evaluations](#)
- 8**
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F1000 Factor **3.0**
- New Finding
- Different forms of cell death induced by putative BCL2 inhibitors.**
- Vogler M, Weber K, ..., Dyer MJ, Cohen GM
Cell Death Differ 2009 Apr 24 [abstract on PubMed]
[related articles] [full text]
- Selected by** | Peter Colman with W Douglas Fairlie
Evaluated 8 May 2009 [View evaluations](#)
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F1000 Factor **10.2**
- Confirmation
 New Finding
 Tech Advance
 Novel Drug Target
- Variants of the antibody herceptin that interact with HER2 and VEGF at the antigen binding site.**
- Bostrom J, Yu SF, ..., Wiesmann C, Fuh G
Science 2009 Mar 20 **323**(5921):1610-4
[abstract on PubMed] [related articles] [full text] [order article]
- Selected by** | Kermit Carraway / Carlos F Barbas / Peter Colman with W Douglas Fairlie

/ Dominique Eladari with Bharath Wootla /
Sachdev Sidhu with Helena Persson

First evaluation 25 Mar 2009 | Latest evaluation
21 Apr 2009

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10



- Hypothesis
- New Finding
- Tech Advance

The kinesin-1 motor protein is regulated by a direct interaction of its head and tail.

Dietrich KA, Sindelar CV, ..., Cremo CR, Rice SE
Proc Natl Acad Sci U S A 2008 Jul 1 **105**(26):8938-43
[\[abstract on PubMed\]](#) [\[related articles\]](#) [\[FREE full text\]](#)

Selected by | Linda Amos
Evaluated 30 Apr 2009

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