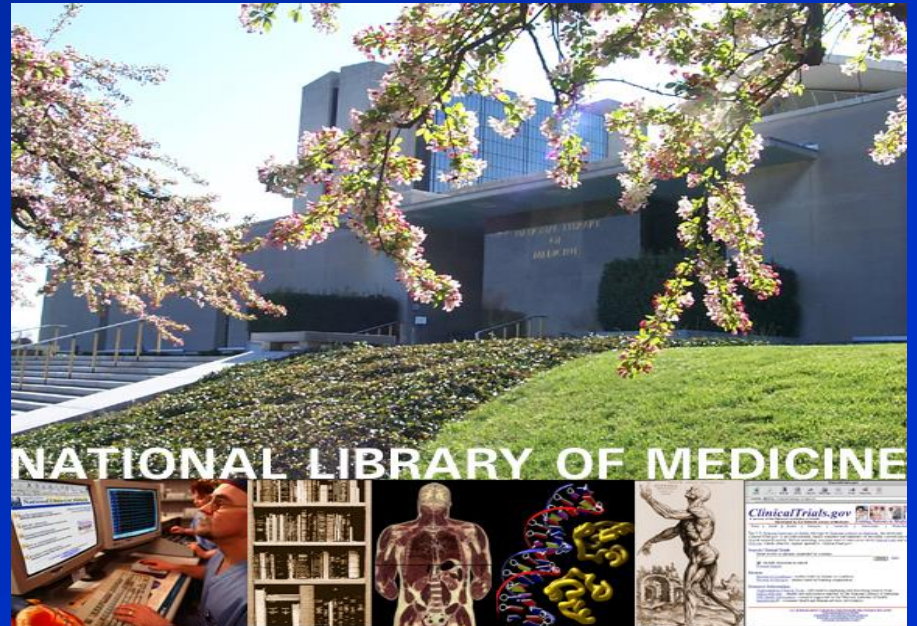




# PubMed Central

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کتابخانه ملی پزشکی آمریکا



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محیطی رایگان برای دسترسی به متن کامل مقالات انگلیسی زبان

- 450 life sciences journals
- over 500,000 articles, letters, etc.
- 700,000 unique users monthly





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All Databases PubMed Nucleotide Protein Genome Structure OMIM **PMC** Journals Books

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Limits Preview/Index History Clipboard Details

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PubMed is a service of the [U.S. National Library of Medicine](#) that includes over 17 million citations from MEDLINE and other life science journals for biomedical articles back to the 1950s. PubMed includes links to full text articles and other related resources.

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**PubMed Central** **A free archive of life sciences journals**

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[Advanced search](#)

**Browse PMC journals:** [\[A-B\]](#) [\[C-H\]](#) [\[I-M\]](#) [\[N-S\]](#) [\[T-Z\]](#) [\[Full List\]](#) [\[New Journals\]](#)

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# Reasult: 45537

pathology AND skin - PMC Results - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites

Address <http://www.ncbi.nlm.nih.gov/sites/entrez?term=pathology%20AND%20skin&search=Find%20Articles&db=pmc&cmd=search> Go Links

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Display Summary Show 20 Sort By Send to

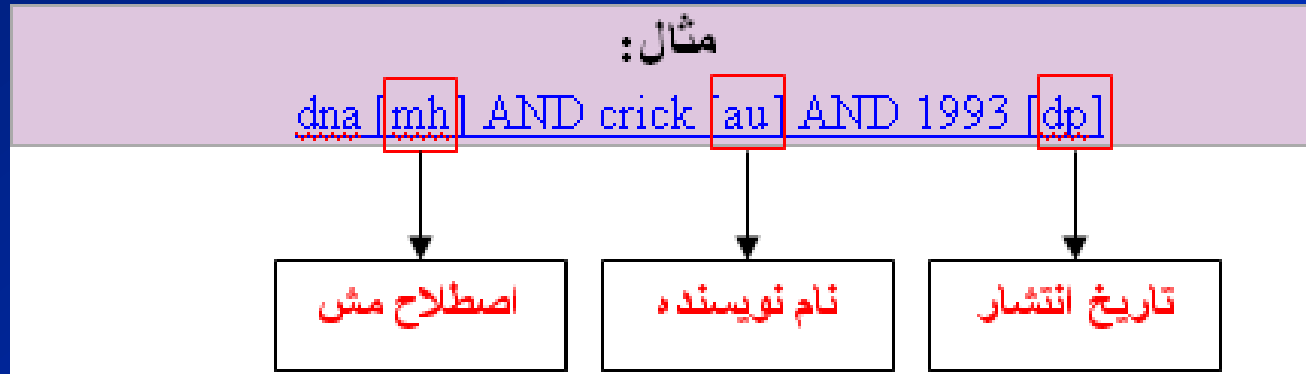
All: 45537 Free: 45516

Items 1 - 20 of 45537 Page 1 of 2277 Next

1: **Hyaluronate Fragments Reverse Skin Atrophy by a CD44-Dependent Mechanism** Links  
Gürkan Kaya, Christian Tran, Olivier Sorg, Raymonde Hotz, Denise Grand, Pierre Carraux, Liliane Didierjean, Ivan Stamenkovic, and Jean-Hilaire Saurat  
*PLoS Med.* 2006 December; 3(12): e493. Published online 2006 December 19.  
doi: 10.1371/journal.pmed.0030493.  
PMCID: PMC1702558  
| Abstract | Full Text | PDF-518K | Supplementary Material |

2: **Opposing activities of two novel members of the IL-1 ligand family regulate skin inflammation** Links  
Hal Blumberg, Huyen Dinh, Esther S. Trueblood, James Pretorius, David Kugler, Ning Weng, Suzanne T. Kanaly, Jennifer E. Towne, Cynthia R. Willis, Melanie K. Kuechle, John E. Sims, and Jacques J. Peschon  
*J Exp Med.* 2007 October 29; 204(11): 2603-2614. doi: 10.1084/jem.20070157.  
PMCID: PMC2149175

برای تسریع در عمل جستجو ، می توانید بعد از وارد کردن مفاهیم ( موضوع مورد جستجو، عنوان مقاله، نام نویسنده، نام مجله و ... )، از نشانه ی فیلد مناسب استفاده و جستجو را به همان مفهوم خاص محدود کنید.





# پر کاربرد ترین نشانه های فیلد

[Affiliation \[AD\]](#)

[Issue \[IP\]](#)

[Place of Publication \[PL\]](#)

[All Fields \[ALL\]](#)

[Journal Title \[TA\]](#)

[Publication Date \[DP\]](#)

[Author \[AU\]](#)

[Language \[LA\]](#)

[Publication Type \[PT\]](#)

[Corporate Author \[CN\]](#)

[Last Author \[LASTAU\]](#)

[Publisher Identifier \[AID\]](#)

[Entrez Date \[EDAT\]](#)

[MeSH Date \[MHDA\]](#)

[Secondary Source ID \[SI\]](#)

[Filter \[FILTER\]](#)

[MeSH Major Topic \[MAJR\]](#)

[Subset \[SB\]](#)

[First Author Name \[1AU\]](#)

[MeSH Subheadings \[SH\]](#)

[Substance Name \[NM\]](#)

[Full Author Name \[FAU\]](#)

[MeSH Terms \[MH\]](#)

[Text Words \[TW\]](#)

[Grant Number \[GR\]](#)

[NLM Unique ID \[JID\]](#)

[Title \[TI\]](#)

[Investigator \[IR\]](#)

[Other Term \[OT\]](#)

[Title/Abstract \[TIAB\]](#)

[Personal Name as Subject \[PS\]](#)

[Transliterated Title \[TT\]](#)

[Pharmacologic Action MeSH Terms \[PA\]](#)

[Volume \[VI\]](#)







# جستجو بر اساس نام نویسنده

وارد کردن نام خانوادگی نویسنده به همراه حروف اول اسم کوچک. مثال:

smith ja

نیاز به هیچ نشانه ای ابتدا یا انتهای اسم نیست.

ممکن است حروف مربوط به نام کوچک نویسنده به طور خود به خود تغییر داده شود؛ برای جلوگیری از این تغییرات می توانید نام را داخل دو کوتیشن " " قرار دهید.

بعد از نام نویسنده حتما از نشانه ی فیلد ( field tag ) مناسب یعنی [au] استفاده کنید.

مثال: woods [au]

اگر نام نویسنده چند قسمتی است باید از کاما ( , ) استفاده شود. در این حالت بعد از اتمام نام خانوادگی یک کاما گذاشته و بعد حروف اول نام کوچک نویسنده را وارد کنید.

مثال: Joshua Lederberg Garcia Algar, Oscar

در انتهای نام نیازی به گذاشتن نقطه نیست.





# جستجو بر اساس نام مجله

می توان هر یک از عنوان های زیر را در جعبه ی جستجو وارد کرد:

نام کامل مجله

مخفف نام مجله

کد استاندارد بین المللی ژورنال ( ISSN )





# جستجو بر اساس تاریخ

مثال:

[1997/10/06 \[edat\]](#)

[1998/03/15 \[dp\]](#)

[1997 \[edat\]](#)

[1997/03 \[dp\]](#)

تاریخ انتشار

Date of Publication[dp]

تاریخ ثبت مقاله در پایب مد

Entrez Date[edat]

تاریخ ثبت مقاله به عنوان لغات مش

Mesh Date[mhda]

می توانید محدوده ی زمانی مورد نظر را با گذاشتن دو نقطه (: ) و همچنین نشانه ی فیلد مناسب مشخص کنید.  
برای جستجو ی جامع تر بهتر است محدوده ی یکساله را نیز به صورت مثلاً [dp]2002:2002 وارد کنید.





# عملگر های بولین (Boolean Operators)

عملگر های بولین شامل AND ، OR و NOT هستند.

AND : نتایج را محدود می کند و شامل تمام لغات وارد شده می باشد.

OR : نتایج را وسیع تر می کند و حداقل یکی از لغات را در بر می گیرد.

NOT : کلمه ی بعد از NOT از لیست نتایج حذف می شود.

## مثال:

- dna [mh] AND crick [au] AND 1993 [dp]
- (heat OR humidity) AND multiple sclerosis
- arthritis NOT letter [pt]





# Attention:

اگر در جعبه ی جستجو یک عبارت طولانی وارد شود، Pubmed آنرا به عنوان یک عبارت Mesh جستجو خواهد کرد.

به عنوان مثال برای جستجو در مورد  
air bladder fistula ، پاب مد "air bladder"  
را به عنوان یک اصطلاح  
تصور می کند

برای جلوگیری از این خطا لغات را همراه با عملگرهای بولین جدا جدا وارد  
کنید

مانند air AND bladder AND fistula





# آشنایی با صفحه ی نتایج (Results Display)

نتایج از جدیدترین مقالات به قدیمی ترین در صفحه ی اصلی به نمایش در می آیند. به صورت پیش فرض در هر صفحه ۲۰ مقاله قابل مشاهده است. که می توان این رقم را تا ۵۰۰ مقاله در یک صفحه افزایش داد. با کلیک بر روی Next page به صفحه ی بعدی می روید.

The screenshot shows the PMC search results interface. At the top, there are tabs for 'Limits', 'Preview/Index', 'History', 'Clipboard', and 'Details'. Below these, there are dropdown menus for 'Display' (set to 'Summary'), 'Show' (set to '20'), 'Sort By', and 'Send to'. A summary bar shows 'All: 241498' and 'Free: 240866'. The main content area displays 'Items 1 - 20 of 241498' and a pagination control showing 'Page 1 of 12075 Next'. The first result is highlighted with a red box and labeled 'عنوان مقاله' (Article Title). The authors are listed as 'Hongye Liu, Alvin T Kho, Isaac S Kohane, and Yao Sun' and labeled 'نویسندگان' (Authors). The journal information is 'PLoS Med. 2006 July; 3(7): e232. Published online 2006 July 4. doi: 10.1371/journal.pmed.0030232.' and labeled 'نام مجله' (Journal Name). The PMID is 'PMCID: PMC1483910'. At the bottom of the result, there are links for 'Abstract', 'Full Text', 'PDF-447K', and 'Supplementary Material', with arrows pointing to 'خلاصه' (Abstract), 'متن کامل' (Full Text), and 'متن مقاله بصورت PDF' (Article text as PDF) respectively. The 'Supplementary Material' link is labeled 'مواد تکمیلی' (Supplementary Material).





# آشنایی با ستون عملیات (Action Bar)

The image shows a screenshot of a search interface's Action Bar with several elements annotated in Persian:

- قالب مقالات** (Article Template): Points to the "Display" dropdown menu.
- تعداد کل صفحات** (Total Number of Pages): Points to the "Page 1 of 1632" indicator.
- صفحه ی جاری** (Current Page): Points to the "Page 1" indicator.
- منوی خروجی** (Output Menu): Points to the "Send to" dropdown menu.
- شیوه ی مرتب سازی نتایج** (Result Sorting Method): Points to the "Sort by" dropdown menu.
- تعداد مقالات در صفحه** (Number of Articles per Page): Points to the "Show 20" dropdown menu.
- کل مقالات باز یابی شده** (Total Retrieved Articles): Points to the "All: 32632" text.
- مقالات صفحه ی جاری** (Articles on Current Page): Points to the "Items 1 - 20 of 32632" text.
- تعداد مقالات بر اساس فیلتر انتخاب شده** (Number of Articles Based on Selected Filter): Points to the "Review: 10061" text.
- با کلیک می توان فیلتر جستجو را در my NCBI عوض کرد.** (By clicking, you can change the search filter in my NCBI): Points to the "Review: 10061" text.

Additional annotations on the right side of the image:

- با کلیک بر روی **next** به صفحه ی بعدی می روید.
- با وارد کردن شماره ی صفحه به همان صفحه خواهید رفت.

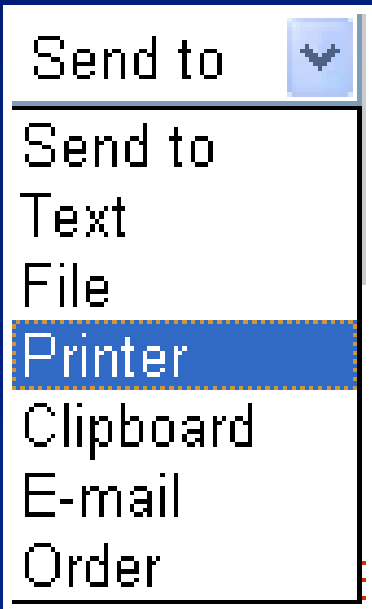


برای نمایش شکل قابل چاپ مقاله:

۱. ابتدا مقالات مورد نظر را انتخاب کنید. اگر مقالات را مشخص نکنید، Pubmed تمام مقالات صفحه را انتخاب خواهد کرد.

۲. از منوی Send to عنوان Text را انتخاب کنید.

۳. روی گزینه ی چاپ بر روی نوار ابزار کلیک کنید. برای پرینت گرفتن نتایج مختلف از چندین جستجو، باید آنها را در Clipboard ذخیره کنید و سپس با استفاده از Ctrl+p و یا Send toText آنها را پرینت بگیرید.







## ذخیره کردن مقالات به طور موقتی با استفاده از حافظه ی موقت (Clipboard)



Clipboard فضای مناسبی برای جمع آوری مقالات انتخابی از جستجوهای مختلف فراهم می کند. آنچه در Clipboard ذخیره می شود فقط برای ۸ ساعت و تا زمانی که به شبکه وصل هستید باقی خواهد ماند.

برای ذخیره ی مقالات در Clipboard :

۱. ابتدا مقالات مورد نظر را انتخاب کنید . اگر مقالات را مشخص نکنید ، Pubmed تمام مقالات صفحه را انتخاب خواهد کرد.

۲. از منوی Send to ، گزینه ی Clipboard را انتخاب کنید.

۳. برای مشاهده ی نتیجه بر روی حافظه ی موقت در بالای صفحه کلیک کنید.

برای پاک کردن مقالات از داخل Clipboard : ۱. مقالات مورد نظر را مشخص کنید. ۲. از منوی Send to ، گزینه ی Clip Remove را انتخاب کنید.





حداکثر تعداد مقالات قابل ذخیره در Clipboard ۵۰۰ می باشد. اگر قبل از انتخاب گزینه ی Clipboard مقالات را مشخص نکرده باشید ، Clipboard تا سقف ۵۰۰ مقاله را ذخیره خواهد کرد.

Clipboard مقالات تکراری را ذخیره نخواهد کرد.

Pubmed به وسیله ی cookies مقالات را ذخیره می کند؛ به همین دلیل سرور باید cookies را پذیرفته باشد.

مقالات در Clipboard با شماره هایی مانند #0 ذخیره می شوند. بنابراین به راحتی می توانند توسط عملگرهای Boolean مورد استفاده قرار بگیرند.  
برای مثال :

#0 English AND [[1a

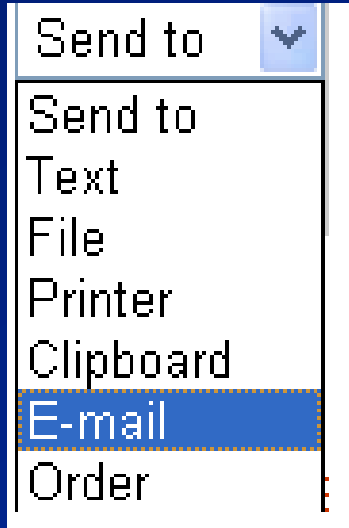
نتایج جدید جایگزین نتایج قبلی نخواهد شد.





# ارسال مقاله با پست الکترونیکی

۱. ابتدا مقالات مورد نظر را انتخاب کنید. اگر مقالات را مشخص نکنید، Pubmed تمام مقالات صفحه را انتخاب خواهد کرد. ۲. از منوی Send to، گزینه ی E-mail را انتخاب کنید. ۳. انتخاب Format، Sort، HTML، Text. ۴. وارد کردن آدرس اینترنتی به همراه یک پیغام. ۵. کلیک بر روی Mail. با استفاده از NCBI می توان به طور اتوماتیک جدیدترین جستجوها را در ایمیل دریافت کرد.



در هر ایمیل می توان حداکثر ۵۰۰ مقاله را فرستاد.

اگر HTML (صفحات اینترنتی با فرمت HTML باز می شوند.) را انتخاب کنید، در ایمیل صفحه ی اصلی Pubmed ظاهر می شود؛ بنابراین به راحتی می توان به قسمت های Link Out، Related Articles و سایر قسمت ها نیز دسترسی پیدا کرد.





# نشان دادن جزئیات جستجو (*Details*)

▼ for gene therapy

Pubmed ممکن است اصطلاحات کلیدی را تغییر دهد و یا اصطلاح دیگری را به اصطلاحات اصلی اضافه کند. برای مشاهده ترجمه ی دقیق لغات در Pubmed از گزینه ی Details استفاده کنید.

برای ویرایش کردن آنچه که در ترجمه ی در خود (Query Translation) آمده ، به راحتی می توان لغاتی را حذف و یا اضافه کرد.

Result تعداد کل مقالات مرتبط را نشان می دهد.

Translation نشان می دهد هر لغت دقیقاً چگونه ترجمه شده است.

User Query لغاتی را که کاربر وارد کرده به همراه خطاهای لغات کلیدی نشان می دهد.





# کوتاه کردن لغات مورد جستجو

برای جستجوی تمام مختلف یک لغت که با لغتی خاص آغاز می شوند ، می توان از علامت ستاره \* بعد از لغت اصلی استفاده کرد.

مثال: Pubmed \*therap

به دنبال حداکثر ۶۰۰ مقاله ی مرتبط با لغت اصلی می گردد. اما اگر نتایج فراتر از ۶۰۰ مقاله باشد، بر روی صفحه ی نتایج یکاخطار((warning ظاهر می شود که در این صورت باید لغت یا عبارت را اختصاصی تر کرد. لغاتی که به این شکل وارد می شوند به هیچ وجه به عنوان لغت Mesh در نظر گرفته نمی شوند.





# پیشینه (History)

▼ for gene therapy

جستجوهایی که در مدت ۸ ساعت گذشته توسط کاربر صورت گرفته ، به طور اتوماتیک در صفحه ی History ذخیره می شوند. البته اگر کاربر در این مدت اتصال خود را از اینترنت قطع کند، مطالب ذخیره شده حذف خواهند شد.

1. روی History کلیک کنید
2. با استفاده از عملگرهای AND ، OR و NOT نتایج جستجو را در جعبه ی جستجو وارد کنید.
3. می توانید لغات کلیدی جدیدی را هم اضافه کنید.
4. با فشار دادن Enter یک جستجو توأم صورت می پذیرد .

## مثال:

#2 AND #6

#3 AND (drug therapy OR diet therapy)

#5 gene therapy





با کلیک کردن روی هریک از نتایج در history یک منوی جدید باز می شود که شامل عملگرهای AND ، OR و NOT است ؛ همچنین :برای حذف کردن نتیجه از HistoryDelete برای نشان دادن نتیجه Go برای نشان دادن جزئیات جستجو Details ذخیره در فضای مجازی NCBI Save in my NCBI وجود دارد .برای پاک کردن تمام History از دکمه ی clear استفاده کنید .نتایج جدیدتر ، بالاتر از نتایج قدیمی تر قرار می گیرند .حداکثر تعداد نتیجه ی ذخیره شده درپاب مد ، ۱۰۰ عدد است. اگر نتایج بیشتر از 100 عدد بشود به طور خودبه خودی نتایج قدیمی تر از صفحه ی History پاک می شود.





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**Kampf G, Ennen J.**  
Bode Chemie GmbH & Co., Scientific Affairs, Melanchthonstr. 27, 22525 Hamburg, Germany.  
guenter.kampf@bode-chemie.de

BACKGROUND: Aim of the study was to compare the effect of a hand cream after washing hands on subjects washed hands and for 14 minutes each time, for a total of 14 minutes each hand wash, the others did not (cross over design after a wash out period of two weeks). Skin roughness and skin hydration were determined on the forearms on days 2, 7, 9 and 14. For skin roughness, twelve silicon imprint per subject and time point were taken from the stratum corneum and assessed with a 3D skin analyzer for depth of the skin relief. For skin hydration, five measurements per subject and time point were taken with a corneometer. RESULTS: Washing hands lead to a gradual increase of skin roughness from 100 (baseline) to a maximum of 108.5 after 9 days. Use of a hand cream after each hand wash entailed a decrease of skin roughness which the lowest means after 2 (94.5) and 14 days (94.8). Skin hydration was gradually decreased after washing hands from 70 (baseline) to 65.5 after 14 days. The hand wash followed by use of a hand cream

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



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**Protein Structure Communications**

**Atomic resolution structure of the double mutant (K53,56M) of bovine pancreatic phospholipase A<sub>2</sub>**  
K. Sekar, M. Yogavel, D. Gayathri, D. Velmurugan, R. Krishna, M.-J. Poi, Z. Dauter, M. Dauter, and M.-D. Tsai  
The atomic resolution crystal structure of the double mutant (K53,56M) of bovine pancreatic phospholipase A<sub>2</sub> is reported.  
*Acta Crystallogr Sect F Struct Biol Cryst Commun.* 2006 January 1; 62(Pt 1): 1-5.  
Published online 2005 December 16. doi: 10.1107/S1744309105040984.  
[| Abstract](#) | [Full Text](#) | [PDF-1.3M](#) | [Supplementary Material](#) |

**Crystallization Communications**

**Production and X-ray crystallographic analysis of fully deuterated human carbonic anhydrase II**  
Monika Budayova-Spano, S. Zoë Fisher, Marie-Thérèse Dauvergne, Mavis Agbandje-McKenna, David N. Silverman, Dean A. A. Myles, and Robert McKenna  
This article reports the production, crystallization and X-ray structure determination of perdeuterated human carbonic anhydrase (HCA II). The refined structure is shown to be highly isomorphous with hydrogenated HCA II, especially with regard to the active site architecture and solvent network.





# Linking: Corrected Articles

## Biological Sciences

### Agricultural Sciences

#### Loss of the membrane anchor of the target receptor is a mechanism of bioinsecticide resistance

Isabelle Darboux, Yannick Pauchet, Claude Castella, Maria Helena Silva-Filha, Christina Nielsen-LeRoux, Jean-François Charles, and David Pauron

*Proc Natl Acad Sci U S A.* 2002 April 30; 99(9): 5830–5835. doi: 10.1073/pnas.010731199

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#### Genetic analysis of traditional and evolved Basmati and non-Basmati rice varieties by using fluorescence-based ISSR-PCR and SSR markers

J. Nagaraju, M. Kathirvel, R. Ramesh Kumar, E. A. Siddiq, and Seyed E. Hasnain

*Proc Natl Acad Sci U S A.* 2002 April 30; 99(9): 5836–5841. Published online 2002 April 16. doi: 10.1073/pnas.042099099

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### Biochemistry

#### Interactions that determine the assembly of a retinoid X receptor coreceptor

Jagadish C. Ghosh, Xiaofang Yang, Aihua Zhang, Millard H. Lambert, Hui Li, H. M. J. M. Jansz, and R. M. Jansz

*Proc Natl Acad Sci U S A.* 2002 April 30; 99(9): 5842–5847. Published online 2002 April 16. doi: 10.1073/pnas.092043399

| [Abstract](#) | [Full Text](#) | [PDF-557K](#) |



Published online before print September 18, 2002, 10.1073/pnas.212463799  
*Proc Natl Acad Sci U S A.* 2002 October 1; 99 (20): 13357a  
DOI: 10.1073/pnas.212463799

#### Article

**This corrects:** [Proc Natl Acad Sci U S A. 2002 April 30; 99 \(9\): 5836–5841](#)

#### Correction

AGRICULTURAL SCIENCES. For the article “Genetic analysis of traditional and evolved Basmati and non-Basmati rice varieties by using fluorescence-based ISSR-PCR and SSR markers,” by J. Nagaraju, M. Kathirvel, R. Ramesh Kumar, E. A. Siddiq, and Seyed E. Hasnain, which appeared in number 9, April 30, 2002, of *Proc. Natl. Acad. Sci. USA* (99, 5836–5841, First Published April 16, 2002; 10.1073/pnas.042099099), Fig. 3 appeared incorrectly. The label Karnal in *a* and *b* should read Super. The corrected figure and its legend appear below.

#### Figures and Tables



**Figure 3.** Dendrograms derived from an unweighted pair group method analysis (UPGMA) cluster analysis by using Nei and Li Coefficients based on (a) ISSR markers and (b) SSR markers.





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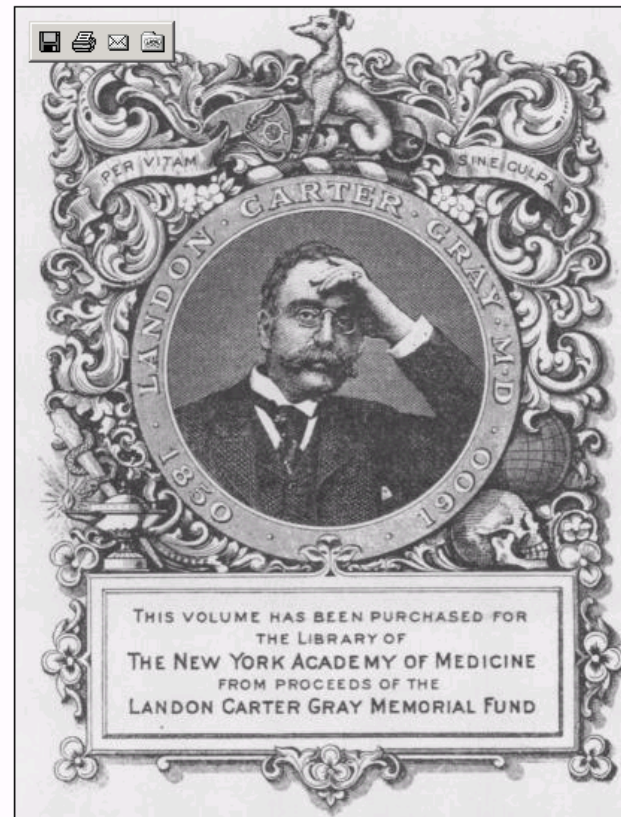
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