

Use academic login during these hours:

Monday-Thursday: 5pm-5am

Friday 5pm-Monday 5am

- 1) Create a folder on the desktop with your username, for saving documents in steps 19-22
- 2) Use Internet Explorer
- 3) Visit <http://stneasy.cas.org/html/english/login1.html?service=STN> (Or find the link to STN Easy on the Chem. Seminar library class page.)
- 4) Enter Login: **XXXXXXXXXX** **You will get this information after meeting with the Chemistry Research Assistant KEEP THIS INFO. CONFIDENTIAL!!**
- 5) Enter Password: **XXXXXXXXXX** **KEEP THIS INFO. CONFIDENTIAL!!**
- 6) Click on "Start your session"
- 7) Accept the agreement (you're promising that this research is for school purposes, that you're not employed by a company and using this discounted account to search for articles)

General note: *DON'T use the back button on your browser when beginning a search; use the buttons within STN Easy. You CAN use the back button later, if you want to print lists of article titles, after you've made selections.*

- 8) The default should be

Chemical References (to search for *articles*) if not change to this category

[May also use **Chemical Substances** to get the *CAS registry number* (a unique identifier for a specific compound) and *molecular formula*.]

The screenshot shows the STN Easy Search Page. On the left is a blue sidebar with the STN Easy logo and a menu. The menu includes 'Easy Search' (with 'Advanced Search' highlighted), 'CAS Number Search', 'Patent Lookup', 'Defined Searches', 'Review Saved Items', and a list of user options: '+ Help', 'Session Cost', 'Price List', 'Preferences', 'Search History', '+ Cust. Support', 'Comments', and 'Log Off'. The main content area is white and contains three numbered steps: 1. A button labeled 'Select Your Category' next to the text 'Current category is: Chemistry References'. 2. A section titled 'Enter your search terms below and/or Recall saved search terms'. It features a 'Word(s)' dropdown menu, a text input field, and a 'Browse Index' button. Below this is an 'AND' dropdown, a 'Pick Search Field:' dropdown, another text input field, and a second 'Browse Index' button. 3. A green 'Search' button next to the text 'Searching in Chemistry References' and a price indicator '\$2.00'. An 'Add a Search Term' link with a downward arrow is also present.

- 9) Type your **most important search term**, then click on Browse, to check your spelling and see variations on the term.

1. **Select Your Category** Current category is: [Chemistry References](#)

2. Enter your search terms below and/or **Recall** saved search terms

Word(s)

AND Pick Search Field:

Add a Search Term

3. **Search** Searching in [Chemistry References](#)

\$2.00

- 10) To select more than one term, you have two options. Hold down Shift to select all terms in a block. Or, hold down Ctrl. to select individual terms from the whole list.

To search for multiple endings of a root word, use the wildcard symbol ?

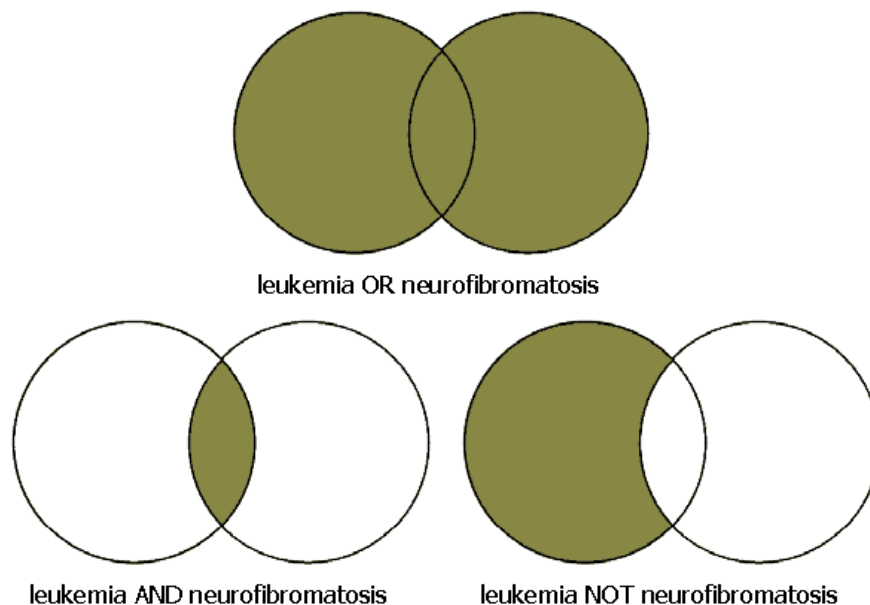
For example, **bioluminesce?** Will yield results including **bioluminesced**
bioluminescent
bioluminescence
bioluminescences, etc.

Shift to select all

Ctrl. to select only
certain ones
(as here) →

= bioluminescence

BIOLUMINESCED
BIOLUMINESCENT
BIOLUMINESCENCE
BIOLUMINESCENCES
BIOLUMINESCENCES
BIOLUMINESCENCE
BIOLUMINESCENS
BIOLUMINESCENSE



Selecting multiple terms from the “Browse index” is the same as using **OR** in your search.
Do this to capture misspellings and British-English spellings

Use **AND** when you refine to combine two different ideas, to get a smaller set of results

Use **NOT** when you refine to exclude non-relevant terms.
Recognize that you *might* miss a few relevant results. Therefore, use NOT sparingly.

11) Once you click on the green SEARCH button, ONU is charged (\$0.20 per search).

12) You'll see how many articles contain the word(s) you searched for. For the initial search fee, we only get

article titles. To get a complete citation, abstract (and sometimes a chemical structure) you have to choose individual titles. We're charged about \$0.40 per title. So, **first, refine** your search.

Refining is free. ☺

Results for [Search Question](#):

ANESTHETICS OR ANESTHESIA

Save these search terms for future use

46465 answers in [CA](#)

46465 total hits

[\[Hide Database Info.\]](#)

Too many answers?

[Refine Your Search](#)

Clear	Titles from CA in Most Recent Order Too many answers to rank
<input type="checkbox"/> 1	Method of operating a control device for controlling an infusion device in particular for anesthetics such as propofol an
<input type="checkbox"/> 2	Cosmetic or pharmaceutical topical compositions and carriers [\$5.85]
<input type="checkbox"/> 3	Study on chronic postoperative pain [\$5.85]
<input type="checkbox"/> 4	Heuristic consequences of a load of oxygen in microtubules [\$5.85]
<input type="checkbox"/> 5	Intranasal insulin prevents anesthesia-induced hyperphosphorylation of tau in 3xTg-AD mice [\$5.85]
<input type="checkbox"/> 6	Effect of target-controlled infusion of sufentanil at different doses in general anesthesia monitored by Narcotrend in eld
<input type="checkbox"/> 7	Clinical observation on lidocaine combined with dezocine in prevention of emergence agitation [\$5.85]
<input type="checkbox"/> 8	Comparison of dexmedetomidine and propofol in pediatric patients undergoing stereotaxic procedure by mri [\$5.85]
<input type="checkbox"/> 9	Application of propofol-remifentanyl combined total intravenous anesthesia in general surgeries [\$5.85]
<input type="checkbox"/> 10	Impact of ketamine on learning and memory function, neuronal apoptosis and its potential association with miR-214 an

[Page 1] [\[2\]](#) [\[3\]](#) [\[4\]](#) [\[5\]](#) [\[6\]](#) [\[7\]](#) [\[8\]](#) [\[9\]](#) [\[10\]](#) [\[Next\]](#) [\[Next 10 >>\]](#)

13) Enter your next search term and browse the index, look for additional terms you want to include.

Add more search terms to refine your answers.

Recall saved search terms

ANESTHETICS OR ANESTHESIA

AND Pick Search Field:

AND Pick Search Field:

Add a Search Term

Search Searching in Chemistry References

No charge

BIOLUMINESCENCE OR BIOLUMINESCENSE

AND Word(s) = luciferin

LUCIFERASE
LUCIFERENSIS
LUCIFERESCEIN
LUCIFERESCEINE
LUCIFERI
LUCIFERID
LUCIFERIN
LUCIFERINALDEHYDE

AND Pick Search Field:

Add a Search Term

Search Searching in Chemistry References

No charge

Your new search will look something like this:

Clear	Titles from CA in Most Recent Order Too many answers to rank
<input checked="" type="checkbox"/> 1	Method of operating a control device for controlling an infusion device in particular for anesthetics such as propofol and/or analgesics such as rer
<input checked="" type="checkbox"/> 2	Cosmetic or pharmaceutical topical compositions and carriers [\$5.85]
<input type="checkbox"/> 3	Study on chronic postoperative pain [\$5.85]
<input type="checkbox"/> 4	Heuristic consequences of a load of oxygen in microtubules [\$5.85]
<input type="checkbox"/> 5	Intranasal insulin prevents anesthesia-induced hyperphosphorylation of tau in 3xTg-AD mice [\$5.85]
<input type="checkbox"/> 6	Effect of target-controlled infusion of sufentanil at different doses in general anesthesia monitored by Narcotrend in elderly patients undergoing EF
<input type="checkbox"/> 7	Clinical observation on lidocaine combined with dezocine in prevention of emergence agitation [\$5.85]
<input type="checkbox"/> 8	Comparison of dexmedetomidine and propofol in pediatric patients undergoing stereotaxic procedure by mri [\$5.85]
<input type="checkbox"/> 9	Application of propofol-remifentanyl combined total intravenous anesthesia in general surgeries [\$5.85]
<input type="checkbox"/> 10	Impact of ketamine on learning and memory function, neuronal apoptosis and its potential association with miR-214 and PTEN in adolescent rats

Page 1 | [\[2\]](#) [\[3\]](#) [\[4\]](#) [\[5\]](#) [\[6\]](#) [\[7\]](#) [\[8\]](#) [\[9\]](#) [\[10\]](#) [\[Next\]](#) [\[Next 10 >>\]](#)

Display Selection [Selected on all pages](#) Display Format [Standard](#) Display Style [STNEasy](#)

14) If necessary, continue to **refine by language and document type....**

BIOLUMINESCENCE OR BIOLUMINESCENCE AND LUCIFERASE OR LUCIFERIN

AND [Document Type](#)

- Dissertation
- General Review
- Journal
- Patent

AND [Language](#)

- Chinese
- English
- French
- German

Add a Search Term

Search Searching in Chemistry References

No charge

....[refine by] by date. Add each new limit separately, so that you can monitor the impact on the number of results. Adding too many limits at once may reduce your results to only a few articles.

BIOLUMINESCENCE OR BIOLUMINESCENCE AND LUCIFERASE OR LUCIFERIN AND doctype: j AND language: english

AND Publication Year From: 2000 To: Current

AND Pick Search Field: Browse Index

Add a Search Term ▼

Search Searching in Chemistry References

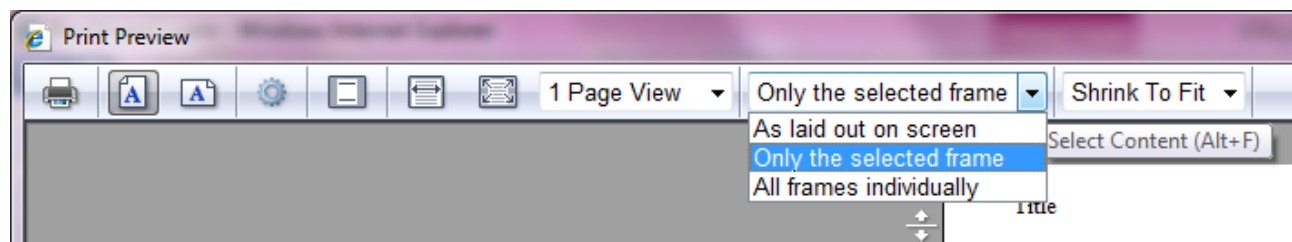
No charge

- 15) Now that you have a more manageable number of results, scroll through the list of article titles. Add a **check mark to all articles that interest you**. Use <next> or the page numbers to view additional article titles.

<input type="button" value="Clear"/>	Titles from CA in Most Recent Order Best Match Order
<input checked="" type="checkbox"/> 1	Decolorization of disperse red 354 azo dye in water by several
<input type="checkbox"/> 2	Activity and population dynamics of heterotrophic and ammoniacal spiked with linear alkylbenzene sulfonate: A field study [\$4.05]
<input type="checkbox"/> 3	Mapping of ATP, Glucose, Glycogen, and Lactate Concentration
<input checked="" type="checkbox"/> 4	An assay for protein kinase and protein phosphatase employing labeled reporter peptide and high throughput screening applicat

- 16) Once you've marked all of the articles that seem relevant, click on **Display**. Choose **Standard Display**. The **Display Style** should be **STN Easy**. Reminder: We're charged \$0.40 for each title, so please make reasonable choices.

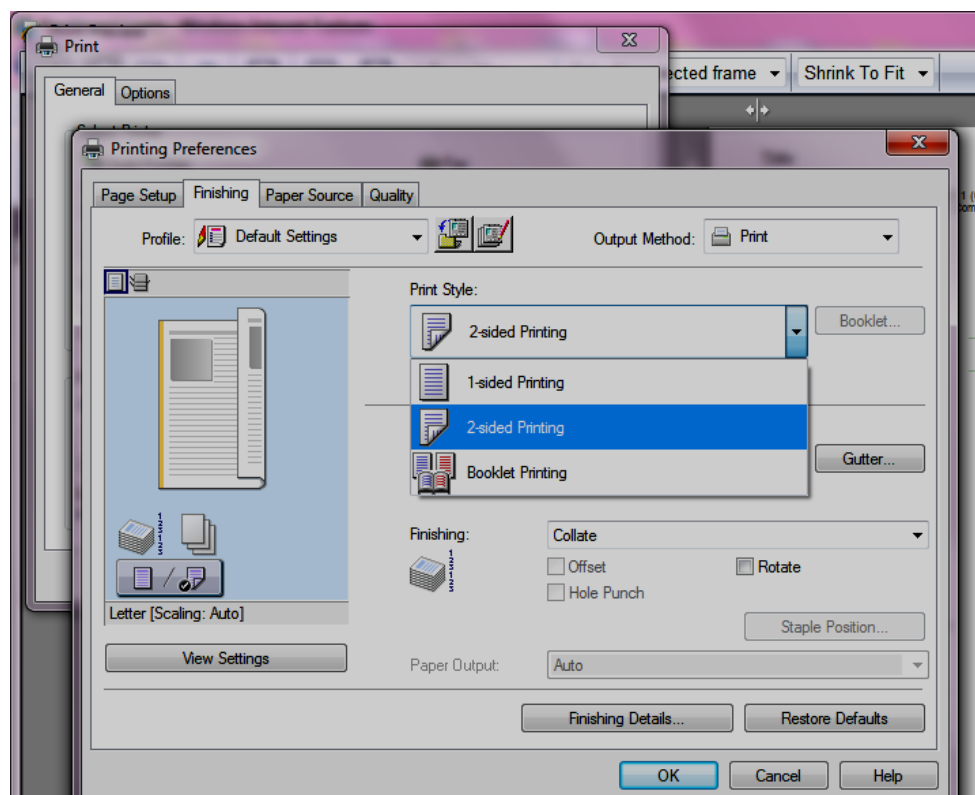
Want to print this list? In Internet Explorer, choose Print-Preview, then "only the selected frame"



- PDF Creator
- Yokohama (printer)
- Copy and paste into Microsoft Word

Want double or single-sided printing?

When printing to the Yokohama printer (the copier/printer behind the Circulation Desk), it's an option under Preferences → Finishing



17) Each record that you display will have complete citation information and an abstract. Some include molecular structures. If your article is a few years old, you maybe be able to click on the link to **Find documents citing this reference**. This is an excellent way to discover more recent articles written about your topic.

[Display without Links](#) | [Return to Results](#) Library Page

Display from CAPLUS

ANSWER 3 © 2004 ACS on STN

[Find documents citing this reference \[\\$2.00\]](#) 

Title
Comparison of noninvasive fluorescent and bioluminescent small animal optical imaging

Author
Choy, Garry; O'Connor, Sarah; Diehn, Felix E.; Costouros, Nick; Alexander, H. Richard; Choyke, Peter; Libutti, Steven K.

Organization
National Cancer Institute, NIH, Bethesda, MD, USA

Publication Source
BioTechniques (2003), 35(5), 1022-1024, 1026, 1028-1030

Identifier-CODEN
BTNQDO

ISSN
0736-6205

Publisher
Eaton Publishing Co.

Abstract
Optical imaging is a modality that is cost-effective, rapid, easy to use, and can be readily applied to studying disease processes and biol. in vivo. For this study, we used a green fluorescent protein (GFP)- and luciferase-expressing mouse tumor model to compare and contrast the quant. and qual. capabilities of a fluorescent reporter gene (GFP) and a bioluminescent reporter gene

18) While you're looking at each displayed record, click on **Full-Text Options**

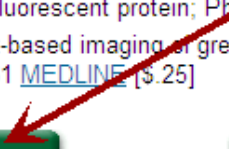
(1) Atadja, P; Overexpression of cyclin D1 blocks proliferation of normal diploid fibroblasts; Exp Cell Res 1995, V217, P205 [CAPLUS](#) [\$4.05]

(2) Bouvet, M; Cancer Res 2000, V62, P1534

(3) CLONTECH Laboratories; Living Color GFP Application Notes 1996

(4) Chalfie, M; Green fluorescent protein; Photochem Photobiol 1995, V62, P651 [CAPLUS](#) [\$4.05]

(5) Chaudhuri, T; Light-based imaging of green fluorescent protein-positive ovarian cancer xenografts during therapy.; Gynecol Oncol 2001, V82, P581 [MEDLINE](#) [\$0.25]



Full-Text Options **STN Keep & Share** **Search the Web**

19) Use the “**Email reference**” link to **send each citation to yourself**. (**NOTE**: the abstract will **NOT** be included). That way, if we don't have the print article or online access to it through the ACS journal search, you can copy and paste the citation into the ILL form (<http://library.olivet.edu/forms/interlibrary-loan-request/index.php>)

Comparison of noninvasive fluorescent and bioluminescent small animal optical imaging. BioTechniques (2003), 35(5), 1022-1024,1026,1028-1030 CODEN: BTNQDO; ISSN: 0736-6205; English

- [Send a colleague this reference](#) Here are the options for the document you requested...

Journal

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Publisher

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Easy Search
Advanced Search
CAS Number Search
Patent Lookup

Review Saved Items

- + Help
 - Session Cost
 - Price List
 - Preferences
 - Search History**
- + Cust. Support
 - Comments
 - Log Off

20) Look around the page above to see if there are links to the actual fulltext (.pdf, html)

21) When you are done searching, refining and displaying article citations, click on Search History.

22) Print everything that's displayed here or choose to "save as RTF." Then, you can save the info as a MS Word document, on the desktop.

23) Remember to Log Off.

24) Email saved files from desktop (articles, search history, etc.) to yourself before the training session is over.

25) Once you've logged off, you'll get a summary of the charges for your session (*if* we had to pay the full rate—but don't panic, we only pay 10% of this amount and it's worth it, to help you with your research).



Thu Jan 8 12:02:29 2004 EST

Your total cost for this session is: \$8.05

Please print this for your records.

To ensure the privacy of your account information, close your browser now.

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- Go to the [JST Home Page](#)
- Go to [Chemistry.org](#)