

INSPEC

Why use it?	INSPEC covers the areas of physics, electrical engineering, electronics, communications, control engineering, computing and information technology. Coverage begins from 1970 to the present.																																																						
Getting Started	Select INSPEC from the list at: http://www.library.ucsb.edu/databases/																																																						
Advanced Search	<div style="text-align: center; border: 1px solid black; width: 50%; margin: 0 auto; height: 40px;"></div> <p>This is the default search, which allows very sophisticated searches in one text box. You can change this by clicking on either the paper airplane icon (basic mode) or any other icons on the menu bar.</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="border: 1px solid black; width: 40%; height: 100px; margin-bottom: 10px;"></div> <div style="width: 55%;"> <p>Use this box to enter your search keywords or phrase. Multiple keywords are entered using a boolean operator (such as "and" or "or").</p> <p><i>Without an operator, terms are searched as a phrase.</i> It is possible to do very sophisticated searching in this box including using field codes and parenthetical statements.</p> <p>(exhaust and emission\$.ti and norbeck.au</p> </div> </div>																																																						
Author Search	<ul style="list-style-type: none"> • Author search can be done many ways. • Enter author name: last, first intital\$.au into the advanced search box • Click on the "Author" Button on the menu, and enter the Author's last name, a space, and first initial. • Use the index. On the "Search Fields/Indexes" page, check the author box, enter the first several letters of the author's last name and choose 																																																						
Subject Search	Subject searching is most effectively done from the advanced screen. Enter your subject keyword or keywords (linked with a boolean operator or as a phrase), and click on the perform search button.																																																						
Combining Sets	When you have 2 or more searches, click the Combine icon to use the Boolean Operators "AND" or "OR" to combine your sets.																																																						
Field Search	To search for terms in specific fields, type the term and field tag separated by a "." (unicorp.co). To search in multiple fields separate the field codes with a comma (tailings.ti,ab). Indexes are available for all fields on the "search fields" page.																																																						
Field Codes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Field</th> <th style="width: 10%;">Tag</th> <th style="width: 25%;">Example</th> <th style="width: 25%;">Field</th> <th style="width: 10%;">Tag</th> <th style="width: 25%;">Example</th> </tr> </thead> <tbody> <tr> <td>abstract</td> <td>ab</td> <td>tailings.ab</td> <td>keywords</td> <td>mp</td> <td>emissions.mp (default)</td> </tr> <tr> <td>author</td> <td>au</td> <td>matsumoto.au</td> <td>patent information</td> <td>pi</td> <td>bissett berman.pi</td> </tr> <tr> <td>author, corporate</td> <td>ca</td> <td>ibm.ca</td> <td>pub type</td> <td>pt</td> <td>Monograph chapter.pt</td> </tr> <tr> <td>chemicals</td> <td>ch</td> <td>h2o.ch</td> <td>subject headings, thesaurus</td> <td>sh</td> <td>industrial heating.sh</td> </tr> <tr> <td>conference info</td> <td>cf</td> <td>ieee.cf</td> <td>subject headings, words</td> <td>hw</td> <td>beryllium.hw</td> </tr> <tr> <td>institution</td> <td>in</td> <td>santa barbara.in</td> <td>title word</td> <td>ti</td> <td>emissions.ti</td> </tr> <tr> <td>journal name</td> <td>jn</td> <td>ieee-spectrum.jn</td> <td>pub year</td> <td>yr</td> <td>1998.yr</td> </tr> <tr> <td>journal title word</td> <td>jw</td> <td>fuel.jw</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Field	Tag	Example	Field	Tag	Example	abstract	ab	tailings.ab	keywords	mp	emissions.mp (default)	author	au	matsumoto.au	patent information	pi	bissett berman.pi	author, corporate	ca	ibm.ca	pub type	pt	Monograph chapter.pt	chemicals	ch	h2o.ch	subject headings, thesaurus	sh	industrial heating.sh	conference info	cf	ieee.cf	subject headings, words	hw	beryllium.hw	institution	in	santa barbara.in	title word	ti	emissions.ti	journal name	jn	ieee-spectrum.jn	pub year	yr	1998.yr	journal title word	jw	fuel.jw			
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Truncation & Wildcards	<ul style="list-style-type: none"> • Unlimited truncation (\$) replaces an unlimited number of characters at the end of your term (e.g., log\$ = log, logs, logging, logarithm, logarithms, etc.) • Limited truncation (\$n) replaces up to n characters at the end of your term (e.g., log\$1 = log, logs but not logging) • Mandated wildcard (#) replaces exactly one character within your term or at the end of it (e.g., gr#y = gray, grey) • Optional wildcard (?) replaces one or no characters within your term or at the end of it (e.g., model?ing = modeling, modelling) 																				
Boolean Operators	<table border="0"> <tr> <td style="vertical-align: top; padding-right: 10px;"> Operator and or . adj ADJn not </td> <td style="vertical-align: top;"> Examples <i>digital signal processing and impedance</i> <i>boron or cadmium petroleum</i> <i>metals.jw</i> will retrieve records with the word <i>metals</i> in the title of the journal <i>fuel adj cells</i> will retrieve records with the terms fuel cells adjacent to each other <i>bridge ADJ6 piling\$</i> will retrieve records with the terms bridge and piling\$ within 6 words of each other <i>transportation not motor transportation</i> </td> </tr> </table>	Operator and or . adj ADJn not	Examples <i>digital signal processing and impedance</i> <i>boron or cadmium petroleum</i> <i>metals.jw</i> will retrieve records with the word <i>metals</i> in the title of the journal <i>fuel adj cells</i> will retrieve records with the terms fuel cells adjacent to each other <i>bridge ADJ6 piling\$</i> will retrieve records with the terms bridge and piling\$ within 6 words of each other <i>transportation not motor transportation</i>																		
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Display, sort, mark, print & e-mail	<p>The citation manager helps you to display, sort, print, and e-mail citations. It also allows you to save citations for importing into bibliographic managers such as EndNote.</p> <ol style="list-style-type: none"> 1. Click the bright blue Display button or use the scroll bar to see the citations. 2. Select the box adjacent to the citation(s) and scroll down to the Citation Manager at the bottom of the screen. Format the citation(s) to your preference and perform the function(s) of your choice. 3. To view your saved articles click on Display in the right navigation bar of the Citation Manager. <div data-bbox="388 1073 1425 1360" style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p style="text-align: center; font-size: small;">Citation Manager: Display, Print, Save, or Email Citations ▾</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Citations</th> <th style="width: 35%;">Fields</th> <th style="width: 30%;">Citation Format</th> <th style="width: 10%;">Action</th> </tr> </thead> <tbody> <tr> <td> <input checked="" type="radio"/> Selected Citations <input type="radio"/> All on this page <input type="radio"/> All in this set (1-11135) and/or Range: <input style="width: 50px;" type="text"/> </td> <td> <input type="radio"/> Citation (Title, Author, Source) <input type="radio"/> Citation + Abstract <input type="radio"/> Citation + Abstract + Subject Headings <input checked="" type="radio"/> Complete Reference <input type="button" value="Select Fields"/> </td> <td> <input checked="" type="radio"/> Ovid <input type="radio"/> BRS/Tagged <input type="radio"/> Reprint/Medlars <input type="radio"/> Brief (Title) Display <input type="radio"/> Direct Export <input type="checkbox"/> Include Search History </td> <td style="text-align: center; vertical-align: top;"> <input type="button" value="Display"/> <input type="button" value="Print Preview"/> <input type="button" value="Email"/> <input type="button" value="Save"/> </td> </tr> <tr> <th colspan="4" style="text-align: center; font-size: small;">Sort Keys</th> </tr> <tr> <td>Primary:</td> <td style="text-align: center;">- <input style="width: 50px;" type="text"/> <input type="button" value="Ascending"/></td> <td colspan="2"></td> </tr> <tr> <td>Secondary:</td> <td style="text-align: center;">- <input style="width: 50px;" type="text"/> <input type="button" value="Ascending"/></td> <td colspan="2"></td> </tr> </tbody> </table> </div>	Citations	Fields	Citation Format	Action	<input checked="" type="radio"/> Selected Citations <input type="radio"/> All on this page <input type="radio"/> All in this set (1-11135) and/or Range: <input style="width: 50px;" type="text"/>	<input type="radio"/> Citation (Title, Author, Source) <input type="radio"/> Citation + Abstract <input type="radio"/> Citation + Abstract + Subject Headings <input checked="" type="radio"/> Complete Reference <input type="button" value="Select Fields"/>	<input checked="" type="radio"/> Ovid <input type="radio"/> BRS/Tagged <input type="radio"/> Reprint/Medlars <input type="radio"/> Brief (Title) Display <input type="radio"/> Direct Export <input type="checkbox"/> Include Search History	<input type="button" value="Display"/> <input type="button" value="Print Preview"/> <input type="button" value="Email"/> <input type="button" value="Save"/>	Sort Keys				Primary:	- <input style="width: 50px;" type="text"/> <input type="button" value="Ascending"/>			Secondary:	- <input style="width: 50px;" type="text"/> <input type="button" value="Ascending"/>		
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Finding call numbers and full-text articles	<p>Follow the "UC-ELINKS" option available at the top or bottom of each record for full-text articles or call numbers. Not all articles indexed in these databases are available at UCSB and can usually be obtained through Interlibrary Loan.</p> <p>You can also search for the journal or conference title in Pegasus: <http://pegasus.library.ucsb.edu/F/> and don't forget to check our list of electronic journals <http://www.library.ucsb.edu/ejournals/></p>																				

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