

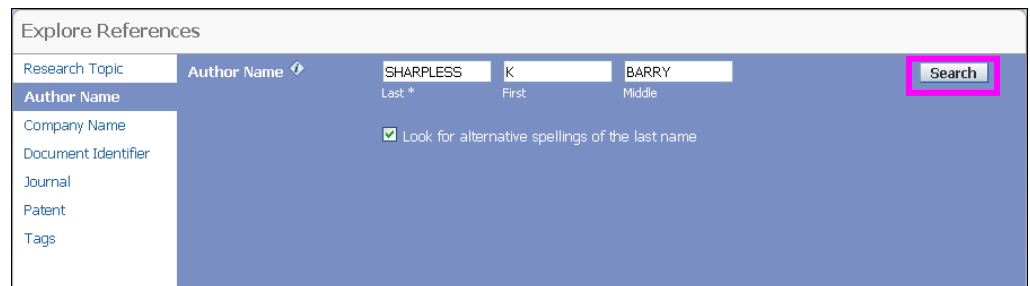
HOW TO

Explore by Author Name



SciFinder® enables you to find sci-tech information by entering the name of a scientist or researcher, regardless of whether you know the exact name under which the research was published.

1. Enter an author's name.
Click **Search**.



Explore References

Research Topic Author Name SHARPLESS K BARRY Search

Author Name Last * First Middle

Company Name

Document Identifier Look for alternative spellings of the last name

Journal

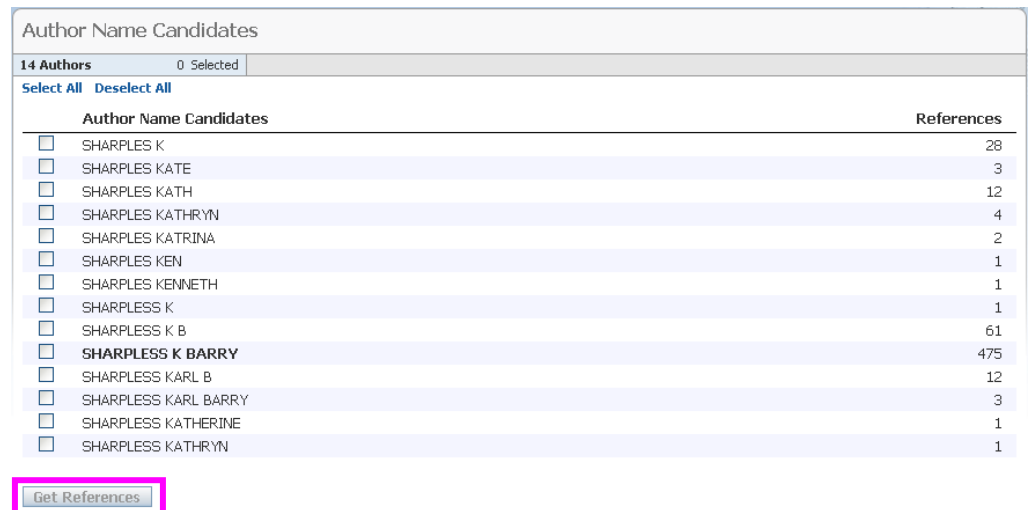
Patent

Tags

Tips:

- Enter as much of the name as you know.
- Enter spaces, hyphens, and apostrophes as you would if you were handwriting the name.
- Replace special characters with equivalent character(s).
- Select *Look for alternative spellings of the last name* to account for name variations and typographical differences.
- For complicated names, try multiple searches and determine which give the best results.
- If you are unsure which name is the first and which is the last, try them in both orders.

2. Select candidate names of interest. Click **Get References**.



Author Name Candidates

14 Authors 0 Selected

Select All Deselect All

Author Name Candidates	References
<input type="checkbox"/> SHARPLESS K	28
<input type="checkbox"/> SHARPLESS KATE	3
<input type="checkbox"/> SHARPLESS KATH	12
<input type="checkbox"/> SHARPLESS KATHRYN	4
<input type="checkbox"/> SHARPLESS KATRINA	2
<input type="checkbox"/> SHARPLESS KEN	1
<input type="checkbox"/> SHARPLESS KENNETH	1
<input type="checkbox"/> SHARPLESS K	1
<input type="checkbox"/> SHARPLESS K B	61
<input checked="" type="checkbox"/> SHARPLESS K BARRY	475
<input type="checkbox"/> SHARPLESS KARL B	12
<input type="checkbox"/> SHARPLESS KARL BARRY	3
<input type="checkbox"/> SHARPLESS KATHERINE	1
<input type="checkbox"/> SHARPLESS KATHRYN	1

Get References

3. Review your answers.

The screenshot displays the SciFinder web interface. At the top, there are navigation buttons: 'References', 'Get Substances', 'Get Reactions', 'Get Related', 'Tools', and 'Send to SciPlanner'. Below this is a header for the search results, showing '449 References' and '0 Selected'. There are options to 'Select All', 'Deselect All', and a 'Sort by' dropdown menu set to 'Accession Number'. On the right, there are 'Save', 'Print', and 'Export' buttons, along with a 'Display:' menu. The main content area lists two references:

- 1. Click chemistry: Discovery of new medicines**
By Sharpless, K. Barry
From Abstracts of Papers, 241st ACS National Meeting & Exposition, Anaheim, CA, United States, March 27-31, 2011 (2011), CARB-10. Language: English, Database: CAPLUS
Click chem. is a modular approach that utilizes only the most practical and reliable chem. transformations. Its applications are increasingly found in all aspects of drug discovery, ranging from lead finding through combinatorial chem. and target-templated in situ chem., to proteomics and DNA research utilizing bioconjugation reactions. The Huisgen 1,3-dipolar cycloaddn. is a particularly powerful linking reaction, due to its high degree of dependability, complete specificity, and the bio-compatibility of the reactants. The triazole products are more than just passive linkers; they readily ...
+Substances ▲Reactions ~0 Citings Full Text Link 0 Comments 0 Tags
- 2. Copper catalyzed cycloaddition of organic azides and 1-haloalkynes to prepare 1,2,3-triazoles**
By Hein, Jason E.; Tripp, Jonathan C.; Krasnova, Larissa; Sharpless, K. Barry; Fokin, Valery V.
From PCT Int. Appl. (2011), WO 2011019799 A2 20110217. Language: English, Database: CAPLUS
This invention provides a method for prepg. a 1,2,3-triazole compd. comprising contacting an org. azide with a 2-substituted-1-haloalkyne, in the presence of a copper catalyst and a copper-coordinating ligand (preferably a tertiary amine) in a liq. reaction medium, thereby forming a 1,4,5-substituted-1,2,3-triazole compd. including a halo substituent at the 5-position of the triazole, the org. portion of the org. azide at the 1-position of the triazole, and the substituent of the 1-iodoalkyne at the 4-position of the triazole. A method for prepg. 1-iodoalkynes is also provided. Example compd...
+Substances ▲Reactions ~0 Citings Full Text Link 0 Comments 0 Tags

Tip: To limit the answer set to references with a particular co-author, refine with the name of a co-author.

4. Work with references...

SciFinder allows you to work with reference answer sets in a variety of ways. For hints and tips, see the How To Guides for:

- Analyze Reference Answer Sets
- Refine Reference Answer Sets
- Access Full Text
- Identify Related Citations