

How to... Save, Print and Export Answers



Keep your SciFinder answers for future use

Keep answer sets for future use with print, save, and export capabilities. To generate a hardcopy of part or all of your answer set, use Print to create a .pdf file that can be viewed, saved and printed. Save your answers to the SciFinder server for future use or Export answers to your computer to use with other software applications or to share with colleagues. To access additional training resources on this and other topics, consult the online Help or visit www.cas.org/training/scifinder.

Save, Print and Export: General Information

The screenshot shows the SciFinder interface with the following elements:

- Top navigation bar: Preferences | SciFinder Help | Sign Out
- Search bar: Research Topic "model for solid oxide fuel cel..." > references (2150)
- Buttons: Save, Print, Export (marked with a purple circle 1)
- Tools: Get Substances, Get Reactions, Get Related Citations, Get Full Text, Tools, Create Keep Me Posted Alert, Send to SciPlanner
- Sort by: Accession Number
- 1 of 2150 References Selected
- Page: 1 of 144
- References list:
 - 1. Simulation and exergetic evaluation of CO2 capture in a solid-oxide fuel-cell combined-cycle power plant. By Petrakopoulou, Fontina; Lee, Young Duk; Tsatsaronis, George. From Applied Energy (2013), Ahead of Print. | Language: English, Database: CAPLUS
 - 2. Oxygen exchange, thermochemical expansion and cathodic behavior of perovskite-like Sr0.7Ce0.3MnO3-delta. By Kuritsyna, I.; Sinityn, V.; Melnikov, A.; Fedotov, Yu.; Tsipis, E.; Viskup, A.; Bredikhin, S.; Kharton, V. From Solid State Ionics (2013), Ahead of Print. | Language: English, Database: CAPLUS
 - 3. Prediction and optimization of fuel cell performance using a multi-objective genetic algorithm. By Hobold, Gustavo Marques; Agarwal, Ramesh K. From International Journal of Energy and Environment (2013), 4(5), 721-742. | Language: English, Database: CAPLUS
- Authors list on the left:
 - Brouwer Jacob: 32
 - Yuan Jinliang: 32
 - Kee Robert J: 26
 - Sunden Bengt: 25
 - Ni Meng: 24
 - Brandon N P: 23
 - Chiu Wilson K S: 23
 - Ivers Tiffie E: 23
 - Zhu Huayang: 23
 - Cai Ningsheng: 22
- Buttons: Show More

Save, Print or Export reference, substance and reaction answer sets.

- 1 In the upper right, click **Save, Print or Export** to launch a dialog window.
 - The options in the dialog window will vary depending on the type of answer set and whether you are saving, printing or exporting.
- 2 By default, all answers are saved, printed or exported.
 - An option to save, print or export only selected answers is available.
 - To select answers, click the box to the left of an answer number.

The following pages show examples of printing, saving and exporting answer sets.

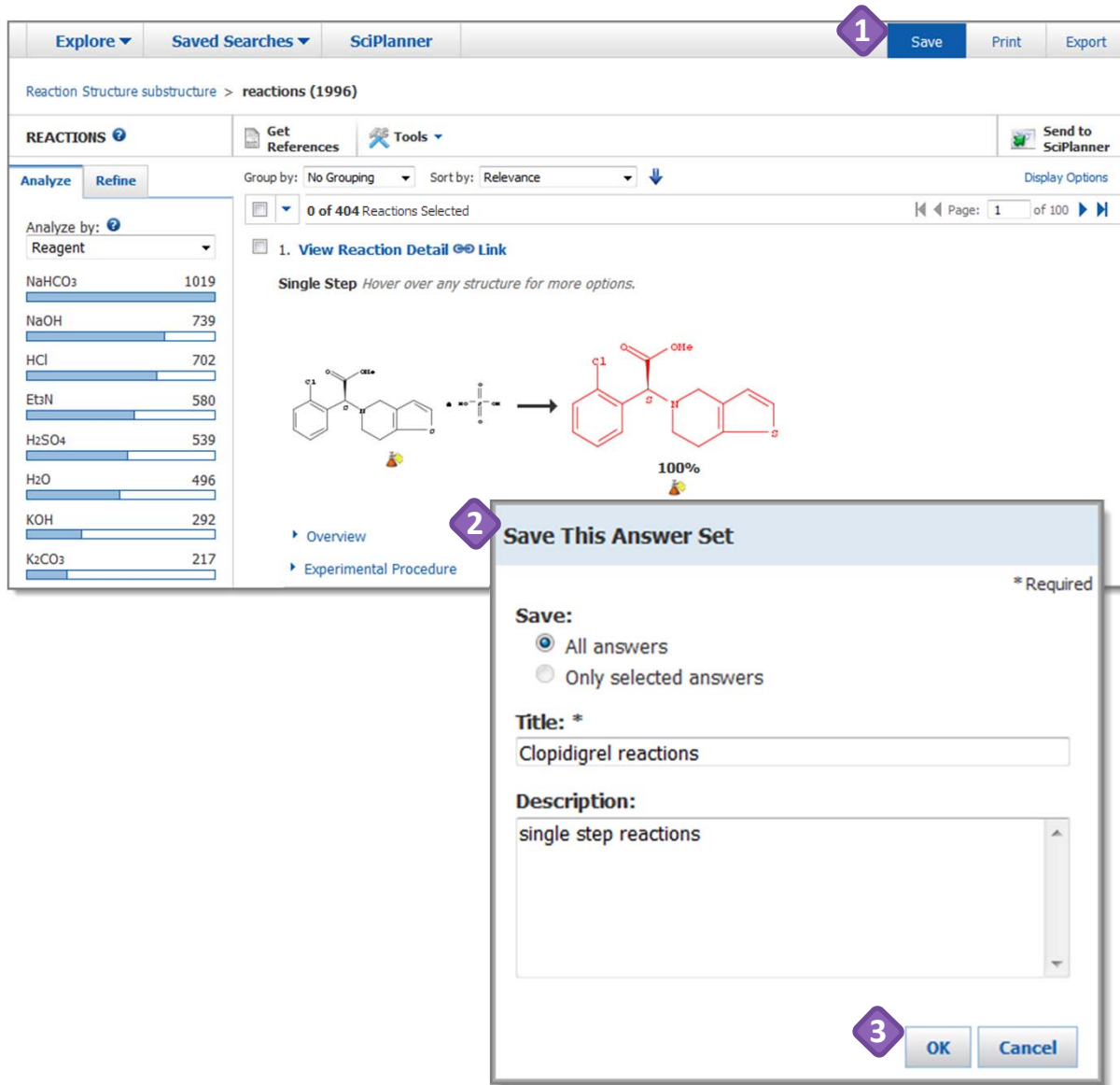


SciFinder®

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Save Reactions Example



The screenshot shows the SciFinder interface with a search for 'reactions (1996)'. A reagent list on the left includes NaHCO₃ (1019), NaOH (739), HCl (702), Et₃N (580), H₂SO₄ (539), H₂O (496), KOH (292), and K₂CO₃ (217). A chemical reaction is displayed with a 100% yield. A 'Save This Answer Set' dialog box is overlaid, containing the following fields:

- Save:** All answers, Only selected answers
- Title: *** Clopidigrel reactions
- Description:** single step reactions
- Buttons:** OK, Cancel

Numbered callouts 1, 2, and 3 indicate the steps: 1. Click 'Save' in the top right. 2. Select 'All answers' and enter a title and description. 3. Click 'OK' to save.

Use **Save** to place a file of your reference, substance or reaction answers on the SciFinder server. The answers are saved with your SciFinder login ID so that you can access them from any computer.

1 In the upper right, click **Save**.

2 In the **Save This Answer Set** window, select the answers to save, enter a **Title** and an optional **Description**.

3 Click **OK** to save the answers.

The **Save This Answer Set** dialog window closes and you are returned to your active session. To place answers on your own computer or network, use **Export**.

Tip

For a single answer set, you can save up to 20,000 answers of any type.

Work with Saved Answer Sets

Click the drop-down arrow on the **Saved Searches** tab to access all of your **Saved Answer Sets**, **Keep Me Posted** alert results, and your search **History**.



1 On the top navigation bar, click **Saved Answer Sets** to open the **Saved Answer Sets** dialog window.

2 Saved reference, substance and reaction answer sets are available on separate tabs. You can click:

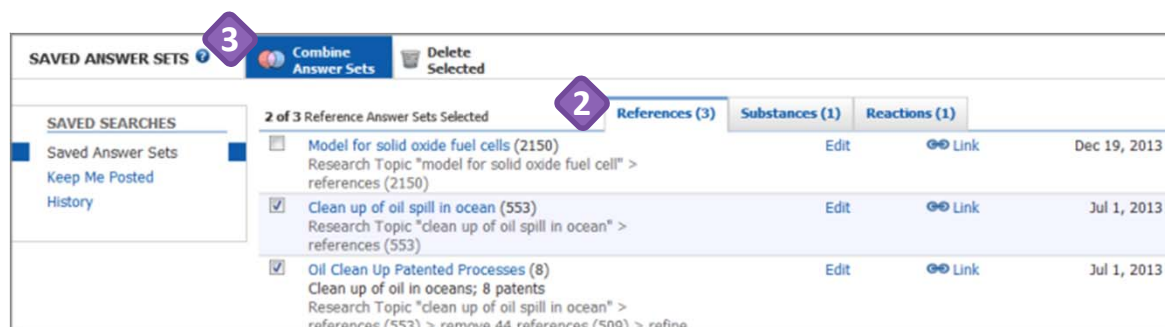
- A title to re-open the answer set.
- **Edit** to make changes to the title or description.
- **Link** to create a link that you can bookmark for quick access or send to colleagues who can open the answer set in SciFinder.
- A checkbox and then **Delete Selected** to remove a saved answer set.

3 If you select two or more answer sets, then the **Combine Answer Sets** button becomes active. Click it to open the corresponding window.

4 You can combine two answer sets in one of four ways. Select the combine option of interest.

- If you select more than two answer sets, then only the **Combine** and **Intersect** options are available.

5 Click the **Combine Answer Sets** button. The answers are merged and become your active session.



SAVED ANSWER SETS ?

Combine Answer Sets Delete Selected

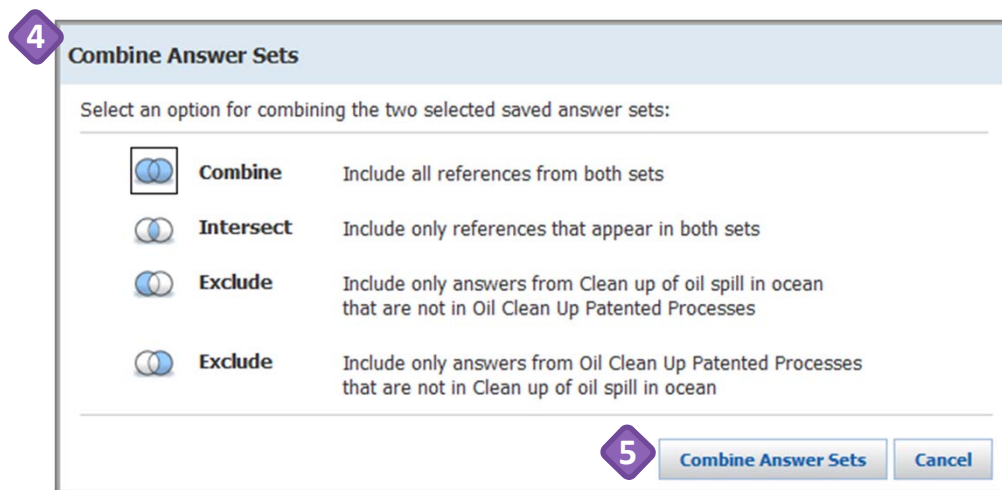
SAVED SEARCHES

- Saved Answer Sets
- Keep Me Posted
- History

2 of 3 Reference Answer Sets Selected

2 References (3) Substances (1) Reactions (1)

<input type="checkbox"/>	Model for solid oxide fuel cells (2150) Research Topic "model for solid oxide fuel cell" > references (2150)	Edit	Link	Dec 19, 2013
<input checked="" type="checkbox"/>	Clean up of oil spill in ocean (553) Research Topic "clean up of oil spill in ocean" > references (553)	Edit	Link	Jul 1, 2013
<input checked="" type="checkbox"/>	Oil Clean Up Patented Processes (8) Clean up of oil in oceans; 8 patents Research Topic "clean up of oil spill in ocean" > references (553) > remove 44 references (509) > refine	Edit	Link	Jul 1, 2013



4 Combine Answer Sets

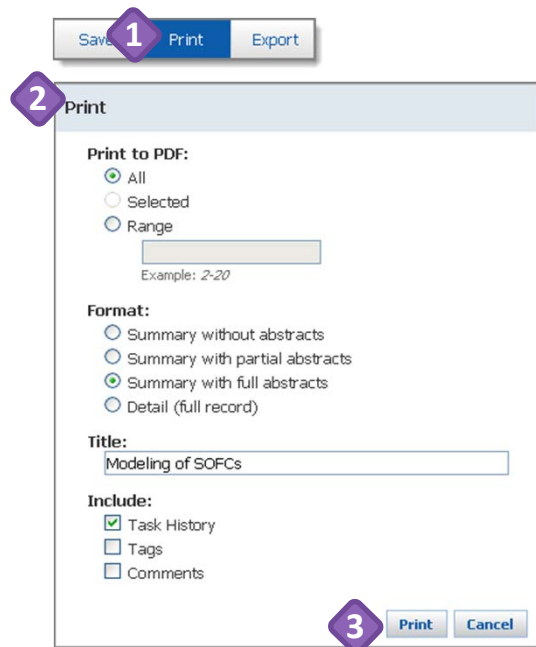
Select an option for combining the two selected saved answer sets:

- Combine** Include all references from both sets
- Intersect** Include only references that appear in both sets
- Exclude** Include only answers from Clean up of oil spill in ocean that are not in Oil Clean Up Patented Processes
- Exclude** Include only answers from Oil Clean Up Patented Processes that are not in Clean up of oil spill in ocean

5 Combine Answer Sets Cancel

Print References Example

- 1 You can print references, substances and reactions. To begin, click **Print** in the upper right.
- 2 In the **Print** dialog window:
 - Select the answers you want to print: **All**, **Selected**, or a **Range**.
 - In the **Format** section, click a radio button to select the parts of the record that you want to print.
 - Enter a **Title**.
 - If desired, specify additional information to **Include** with your answer set (options vary depending on the type of answer set).
- 3 Click **Print** to generate a .pdf file that downloads or opens in a separate window, depending on browser settings.



SciFinder®
Modeling of SOFCs
Page 1

1. Method and arrangement for indicating solid oxide cell operating conditions
 By Hottinen, Tero; Korhonen, Topi
 From PCT Int. Appl. (2013), WO 2013083872 A1 20130613, Language: English, Database: CAPLUS

The focus of the invention is a method for indicating solid oxide cell operating conditions in a solid oxide cell system, wherein cells being formatted in cell stacks, air being fed into the cell stacks and fuel being fed to the cell stacks. In the method is performed neural network stack modeling of the solid oxide cell system stacks by providing one or more of the following input parameters to the neural network individual stack current value, air utilization rate, air flow rate, air inlet temp. value, fuel utilization rate, fuel flow rate, fuel compn. information, cell system surroundings temp. value and heat flux to surroundings to define at least one of stack voltage value, air output temp. value, internal temp. value of stack, fuel output temp. value and leakage rate as a simulation value. The neural network stacks are modelled essentially simultaneously during operation of the solid oxide cell system, is measured at least one of stack voltage value and air output temp. value as a measurement value and is compared the simulation value and the measurement value to form a difference value, and is further compared, if the difference value is outside at least one of pre-det. stack specific operating tolerance and group of stacks specific operating tolerance.

~0 Citings
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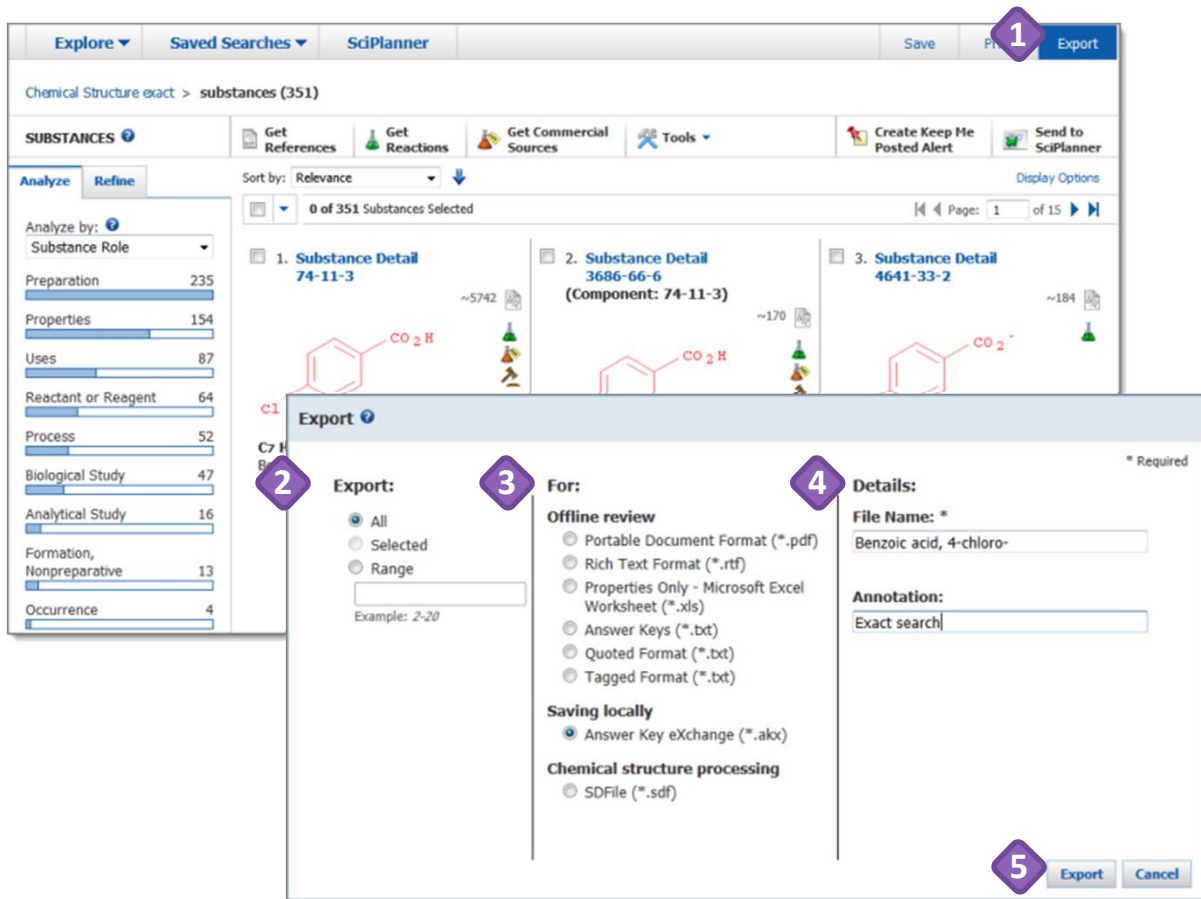
2. Block Copolymer Lithography of Rhodium Nanoparticles for High Temperature Electrocatalysis
 By Boyd, David A.; Hao, Yong; Li, Changyi; Goodwin, David G.; Haile, Sossina M.
 From ACS Nano (2013), 7(6), 4919-4923. Language: English, Database: CAPLUS, DOI:10.1021/nn400156y

The authors present a method for forming ordered Rh nanostructures on a solid support. The approach makes use of a block copolymer to create and assemble rhodium chloride nanoparticles from soln. onto a surface; subsequent plasma and thermal processing are employed to remove the polymer and fully convert the nanostructures to metallic rhodium. Films cast from a soln. of the triblock copolymer styrene-2-vinyl pyridine-ethylene oxide block copolymer dissolved in toluene with Rh(III) chloride hydrate were capable of producing a monolayer of rhodium nanoparticles of uniform size and interparticle spacing. The nanostructures were characterized by SEM, XPS, and at. force microscopy. The electrocatalytic performance of the nanoparticles was investigated with AC impedance spectroscopy. The authors obsd. that the addn. of the particles to a model solid oxide fuel cell anode provided up to a 14-fold improvement in the anode activity as evidenced by a decrease in the AC impedance resistance. Examn. of the anode after electrochem. measurement revealed that the basic morphol. and distribution of the particles were preserved.

~0 Citings

The PDF document

Export Substances Example



Export answers for use with other software applications or to collaborate with a colleague. When you export, the file is stored on your computer.

- 1 Click **Export** in the upper right.
- 2 Specify the answers to **Export**.
- 3 Specify the file format.
 - See the table for descriptions of commonly used formats.
 - The file formats and options vary, based on the type of answer set you have.
 - Consult the online **SciFinder Help** for more information about exporting data.
- 4 Under **Details**, specify a **File Name**, and, optionally, **Annotation**.
 - The options in this section vary depending on the file format you select.
- 5 Click **Export**. The file is placed into your download folder or you are prompted to save it, depending on your browser settings. You are returned to your active session.

To store the file on the SciFinder server, use **Save**.

FILE FORMAT	PURPOSE
.ris	To export references for use with citation management software (check your application to confirm which file format to use)
.akx	To export data for collaboration with other SciFinder users
.sdf	To export structures and substance identifiers to a file format readable by some molecule database programs; structures are represented in molfile format

Tip

The file types and details that can be saved vary, depending on whether you are exporting references, substances or reactions. Refer to the online Help for more details.