SciFinder®

The choice for chemistry research.™

SciFinder Web使用介绍

刘衍兰

SciFinder培训专员

2014.3

提纲

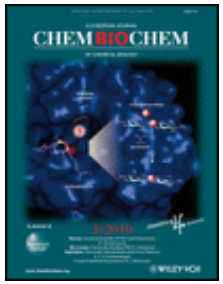
- 介绍
  - SciFinder Web中的内容
- **SciFinder Web中的检索和后处理**
  - SciFinder Web中的文献记录及主题检索
  - SciFinder Web中的物质结果及物质检索方法
  - SciFinder Web中的反应记录及反应检索
- **SciFinder Web的注册和常见问题**

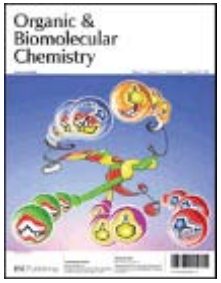
美国化学文摘社—Chemical Abstract Service

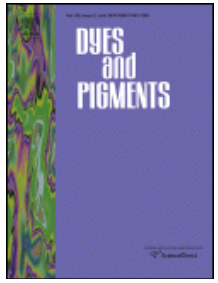
- 创建于1907年
- ACS的分支机构
- 密切关注，索引和提炼着全球化学相关的文献和专利
- 最早创立了《化学文摘》
- 总部坐落于俄亥俄州的哥伦布市

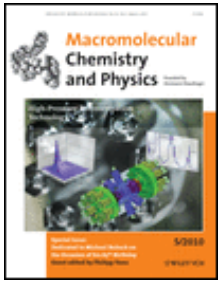
SciFinder的覆盖内容

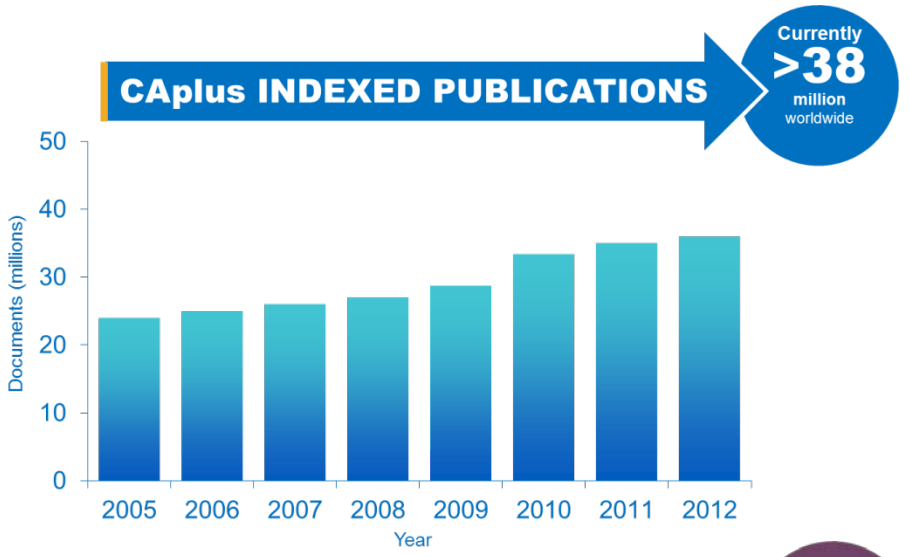
CAplus^{SM} 涵盖上万种期刊及63个专利发行机构专利

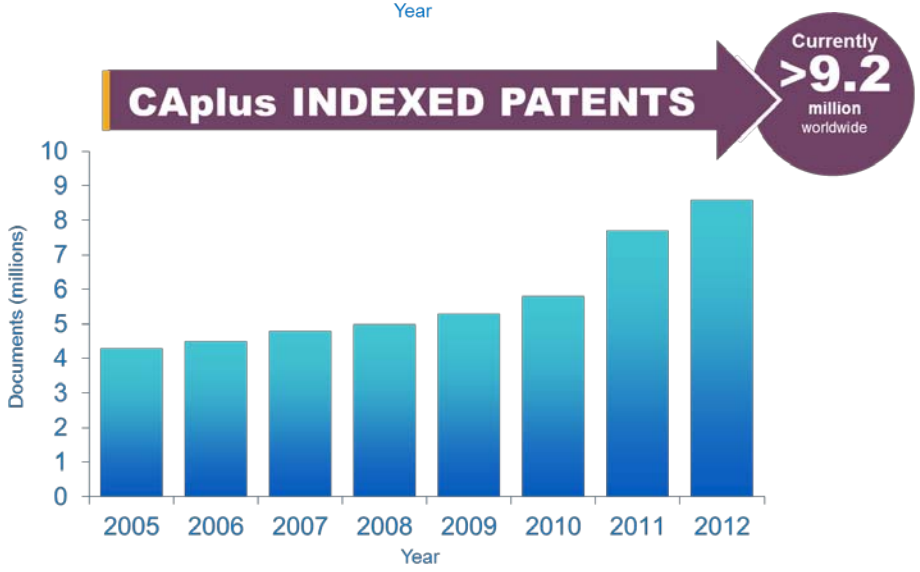




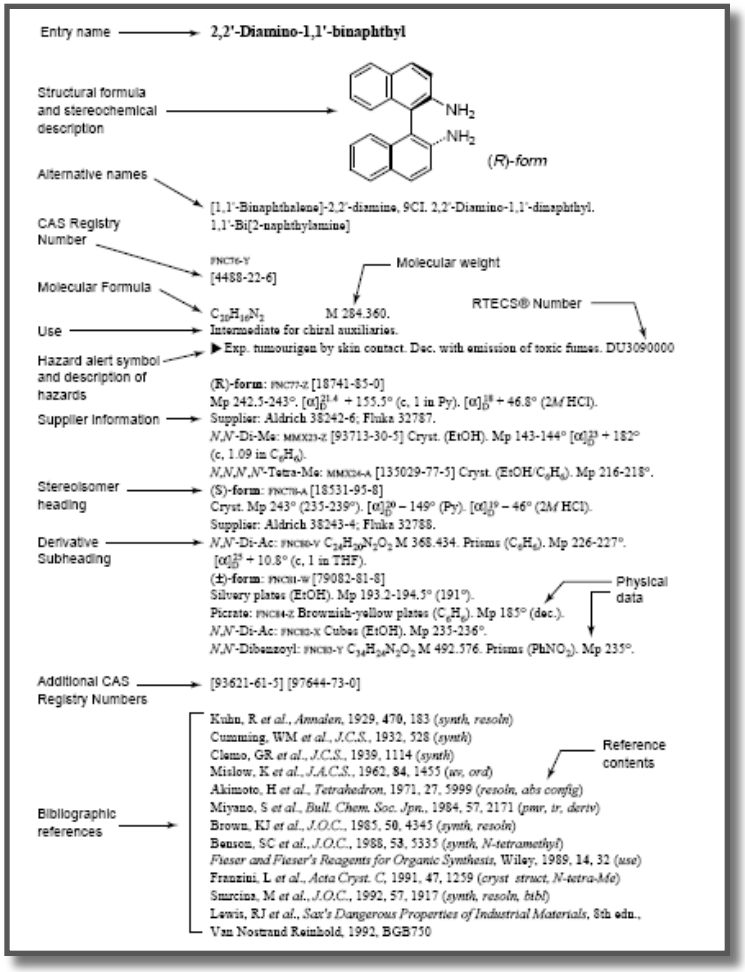


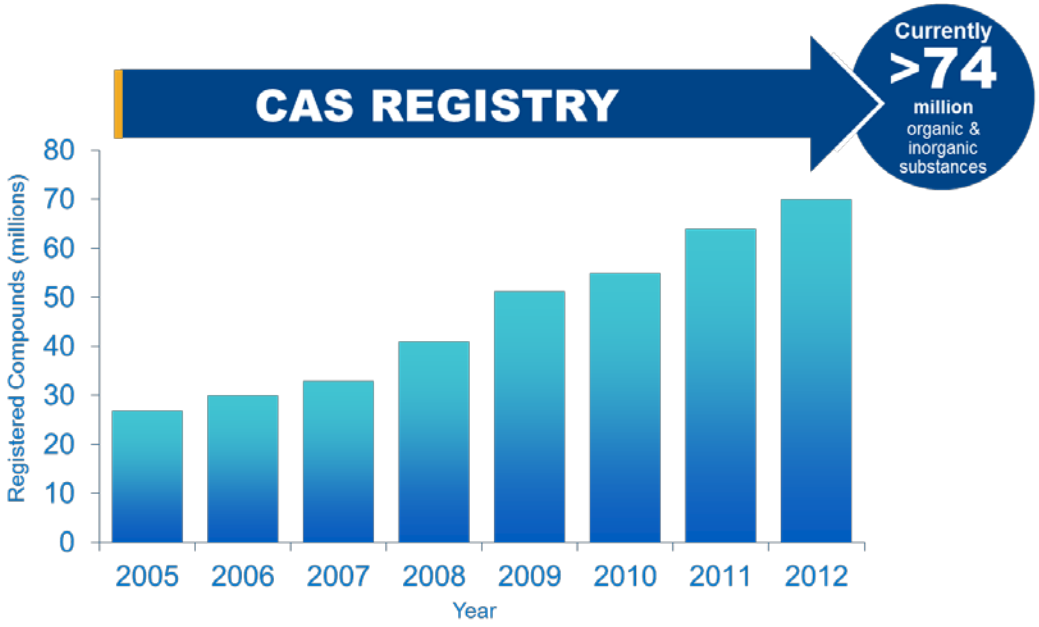




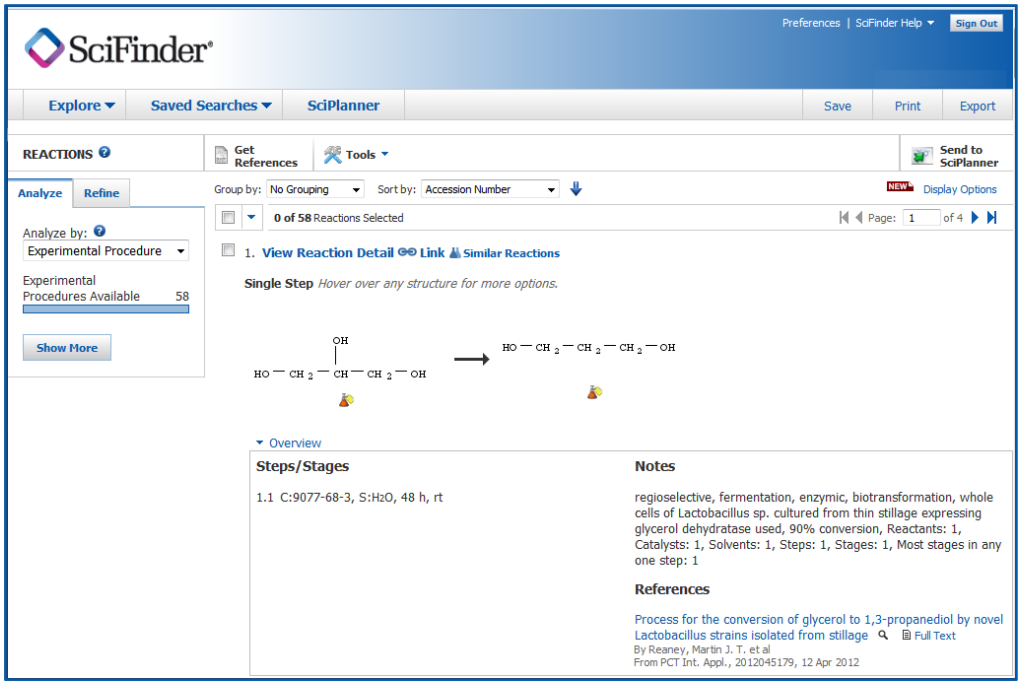


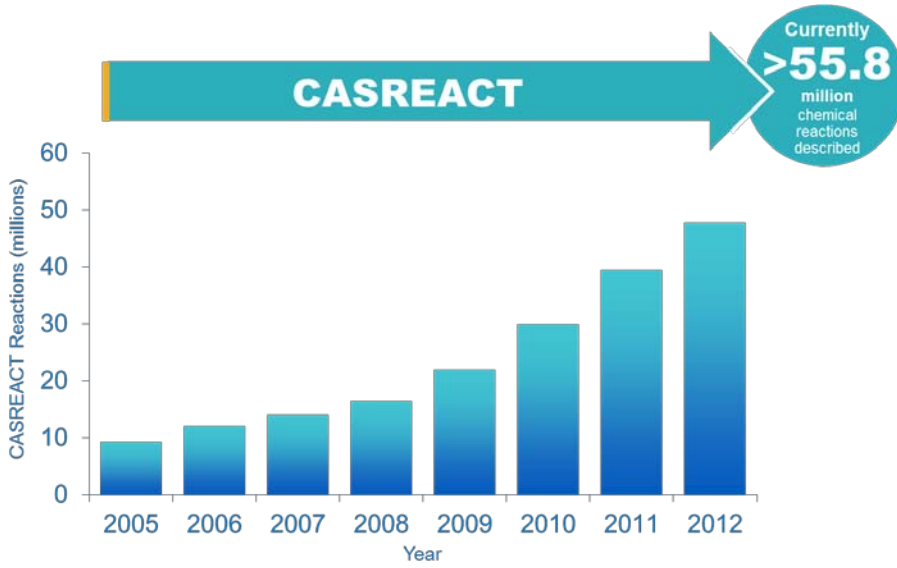
CAS REGISTRY℠ 是化学物质信息的“黄金标准”





CASREACT® 是检索化学反应最权威的来源





CASREACT是世界上最大的，更新速度最快的反应数据库

提纲

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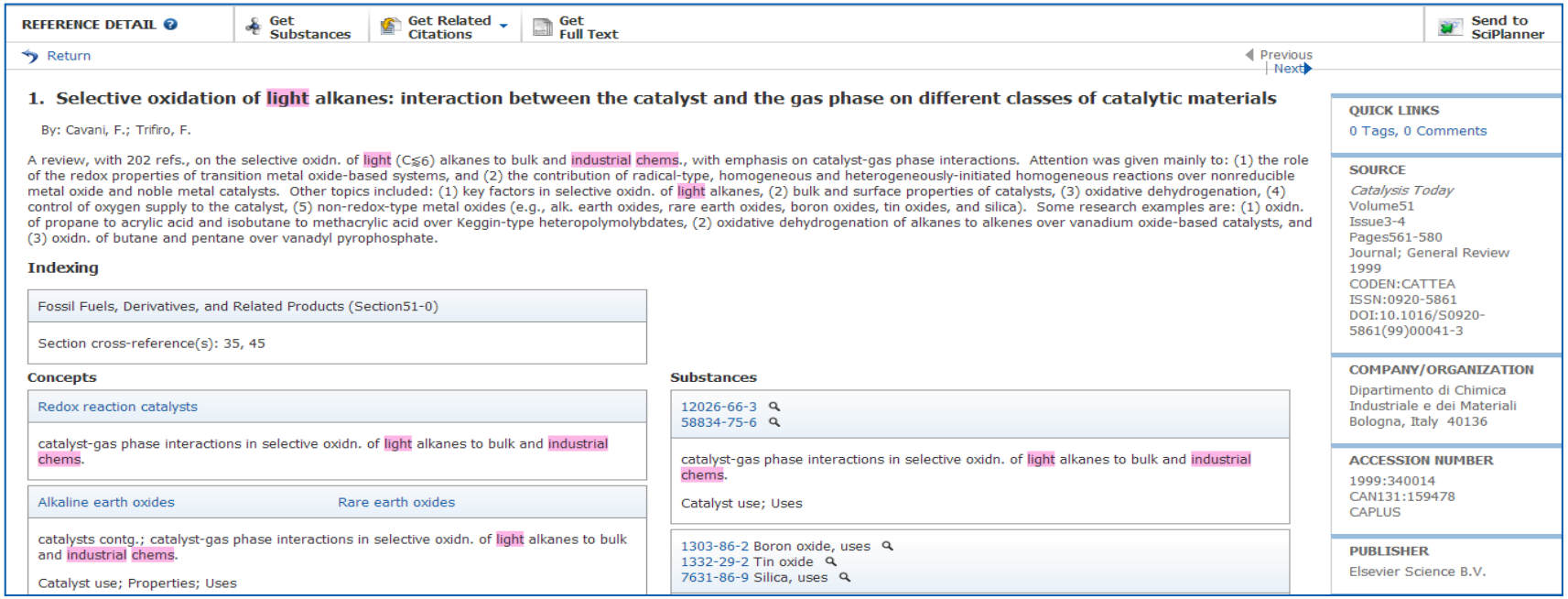
SciFinder中的文献记录



REFERENCE DETAIL | Get Substances | Get Related Citations | Get Full Text | Send to SciPlanner

Return | Previous | Next

1. Selective oxidation of light alkanes: interaction between the catalyst and the gas phase on different classes of catalytic materials

By: Cavani, F.; Trifiro, F.

A review, with 202 refs., on the selective oxidn. of light (C≤6) alkanes to bulk and industrial chems., with emphasis on catalyst-gas phase interactions. Attention was given mainly to: (1) the role of the redox properties of transition metal oxide-based systems, and (2) the contribution of radical-type, homogeneous and heterogeneously-initiated homogeneous reactions over nonreducible metal oxide and noble metal catalysts. Other topics included: (1) key factors in selective oxidn. of light alkanes, (2) bulk and surface properties of catalysts, (3) oxidative dehydrogenation, (4) control of oxygen supply to the catalyst, (5) non-redox-type metal oxides (e.g., alk. earth oxides, rare earth oxides, boron oxides, tin oxides, and silica). Some research examples are: (1) oxidn. of propane to acrylic acid and isobutane to methacrylic acid over Keggin-type heteropolymolybdates, (2) oxidative dehydrogenation of alkanes to alkenes over vanadium oxide-based catalysts, and (3) oxidn. of butane and pentane over vanadyl pyrophosphate.

Indexing

Fossil Fuels, Derivatives, and Related Products (Section51-0)

Section cross-reference(s): 35, 45

Concepts

Redox reaction catalysts

catalyst-gas phase interactions in selective oxidn. of light alkanes to bulk and industrial chems.

Alkaline earth oxides | Rare earth oxides

catalysts contg.; catalyst-gas phase interactions in selective oxidn. of light alkanes to bulk and industrial chems.

Catalyst use; Properties; Uses

Substances

12026-66-3
58834-75-6

catalyst-gas phase interactions in selective oxidn. of light alkanes to bulk and industrial chems.

Catalyst use; Uses

1303-86-2 Boron oxide, uses
1332-29-2 Tin oxide
7631-86-9 Silica, uses

QUICK LINKS
0 Tags, 0 Comments

SOURCE
Catalysis Today
Volume51
Issue3-4
Pages561-580
Journal; General Review
1999
CODEN:CATTEA
ISSN:0920-5861
DOI:10.1016/S0920-5861(99)00041-3

COMPANY/ORGANIZATION
Dipartimento di Chimica Industriale e dei Materiali
Bologna, Italy 40136

ACCESSION NUMBER
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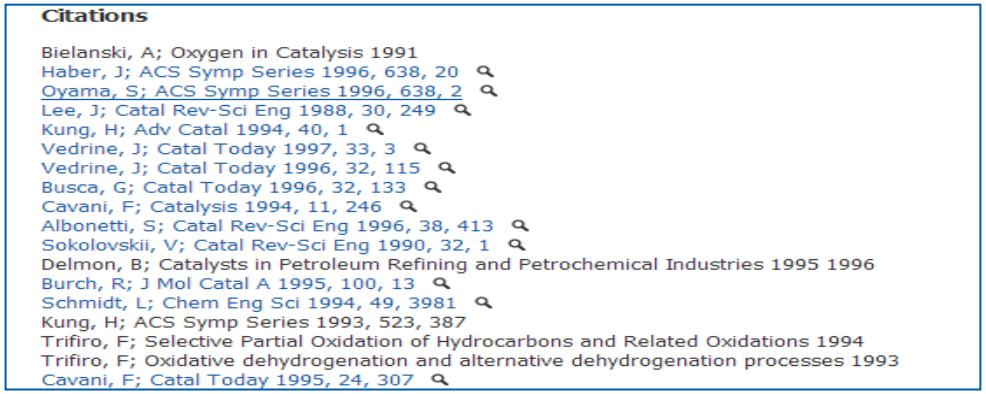
CAN131:159478
CAPLUS

PUBLISHER
Elsevier Science B.V.



Citations

Bielanski, A; Oxygen in Catalysis 1991
Haber, J; ACS Symp Series 1996, 638, 20
Oyama, S; ACS Symp Series 1996, 638, 2
Lee, J; Catal Rev-Sci Eng 1988, 30, 249
Kung, H; Adv Catal 1994, 40, 1
Vedrine, J; Catal Today 1997, 33, 3
Vedrine, J; Catal Today 1996, 32, 115
Busca, G; Catal Today 1996, 32, 133
Cavani, F; Catalysis 1994, 11, 246
Albonetti, S; Catal Rev-Sci Eng 1996, 38, 413
Sokolovskii, V; Catal Rev-Sci Eng 1990, 32, 1
Delmon, B; Catalysts in Petroleum Refining and Petrochemical Industries 1995 1996
Burch, R; J Mol Catal A 1995, 100, 13
Schmidt, L; Chem Eng Sci 1994, 49, 3981
Kung, H; ACS Symp Series 1993, 523, 387
Trifiro, F; Selective Partial Oxidation of Hydrocarbons and Related Oxidations 1994
Trifiro, F; Oxidative dehydrogenation and alternative dehydrogenation processes 1993
Cavani, F; Catal Today 1995, 24, 307

一篇完整的文献界面包括：

1. 题录信息
2. 摘要信息
3. 文献中重要的概念
4. 文献中重要的物质
5. 书目信息
6. 获得文献中的物质，反应，引文等
7. 文献中的引文信息

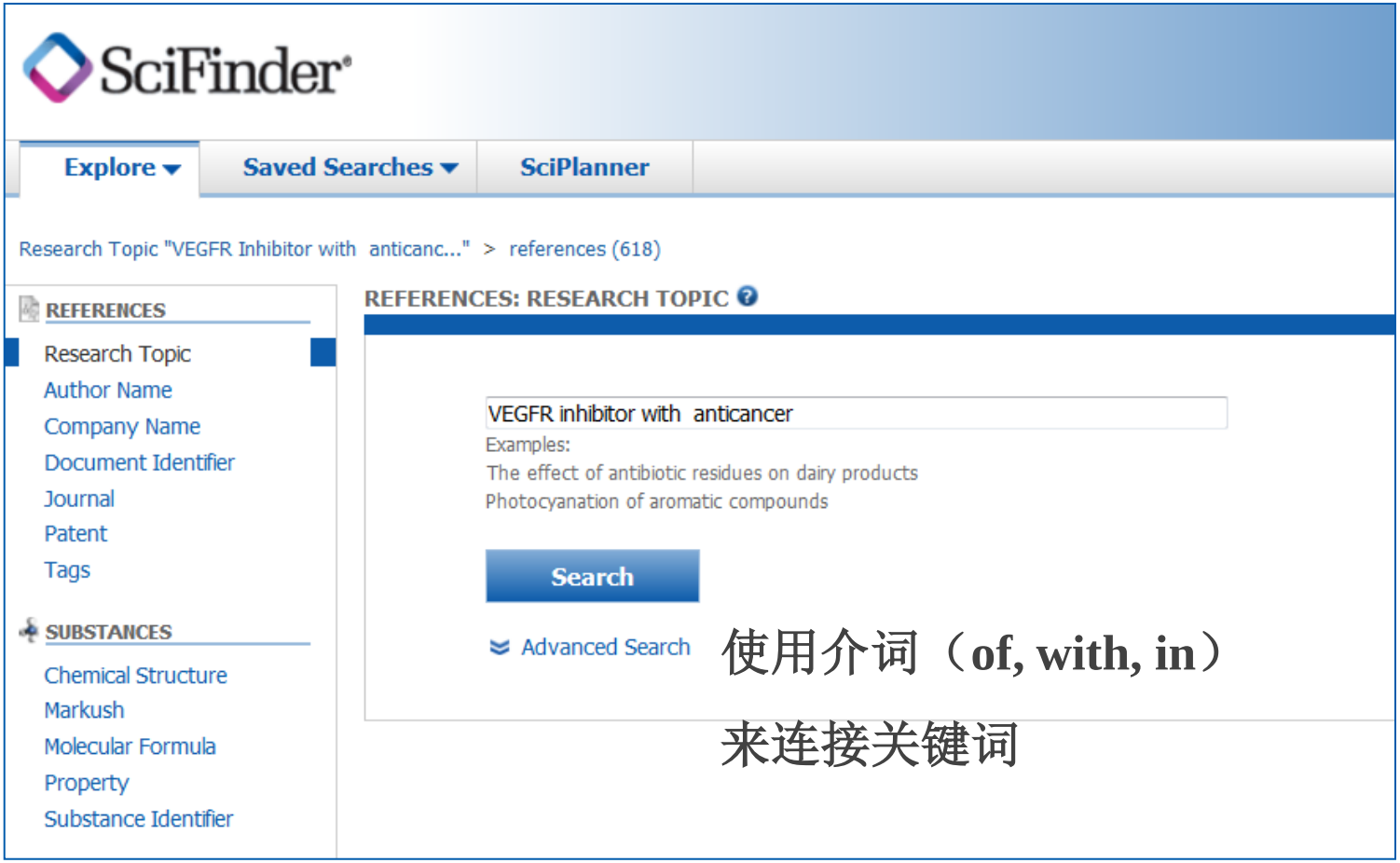
SciFinder中的文献检索方法

- **功能方面**
  - 主题检索
  - 作者名检索
  - 机构名检索
  - 文献标示符检索
  - 从物质，反应获得文献

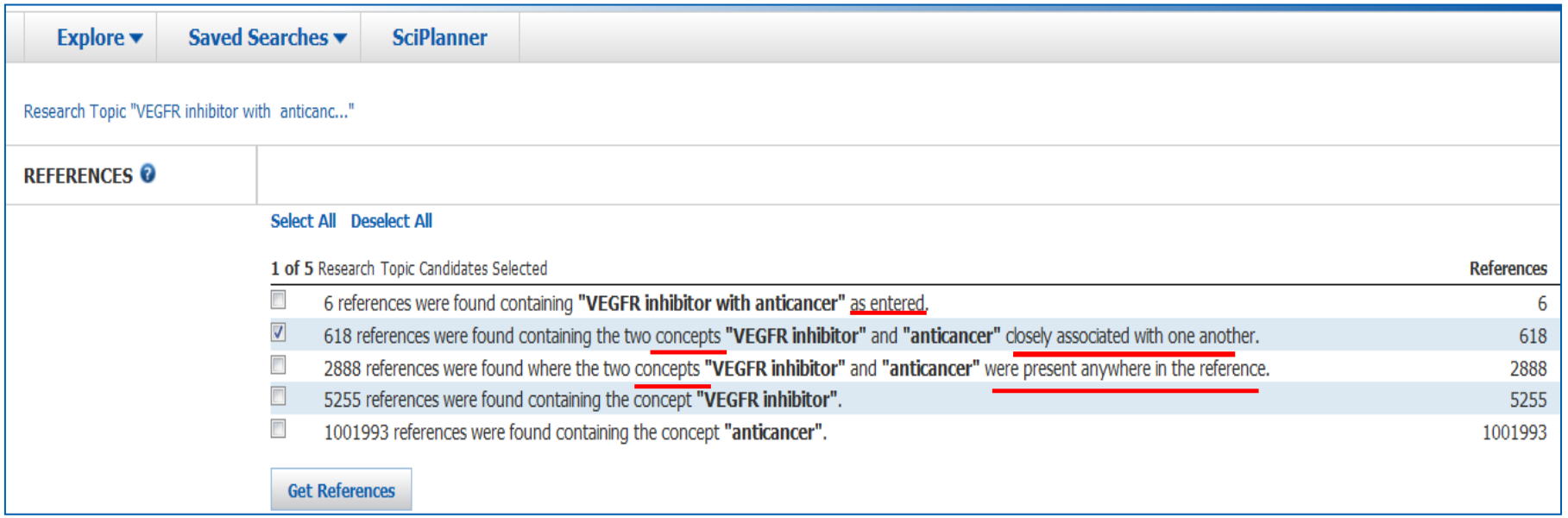
- **检索方法推荐**
  - 关注某特定领域的文献——-主题检索
  - 关注物质有关的文献———-先获得物质，再获得文献
  - 关注某科研人员的文献——-作者名检索

SciFinder Web中的主题检索

主题： **VEGFR inhibitor with anticancer**(VEGFR抑制剂在抗肿瘤方面的研究进展）



主题检索的候选项



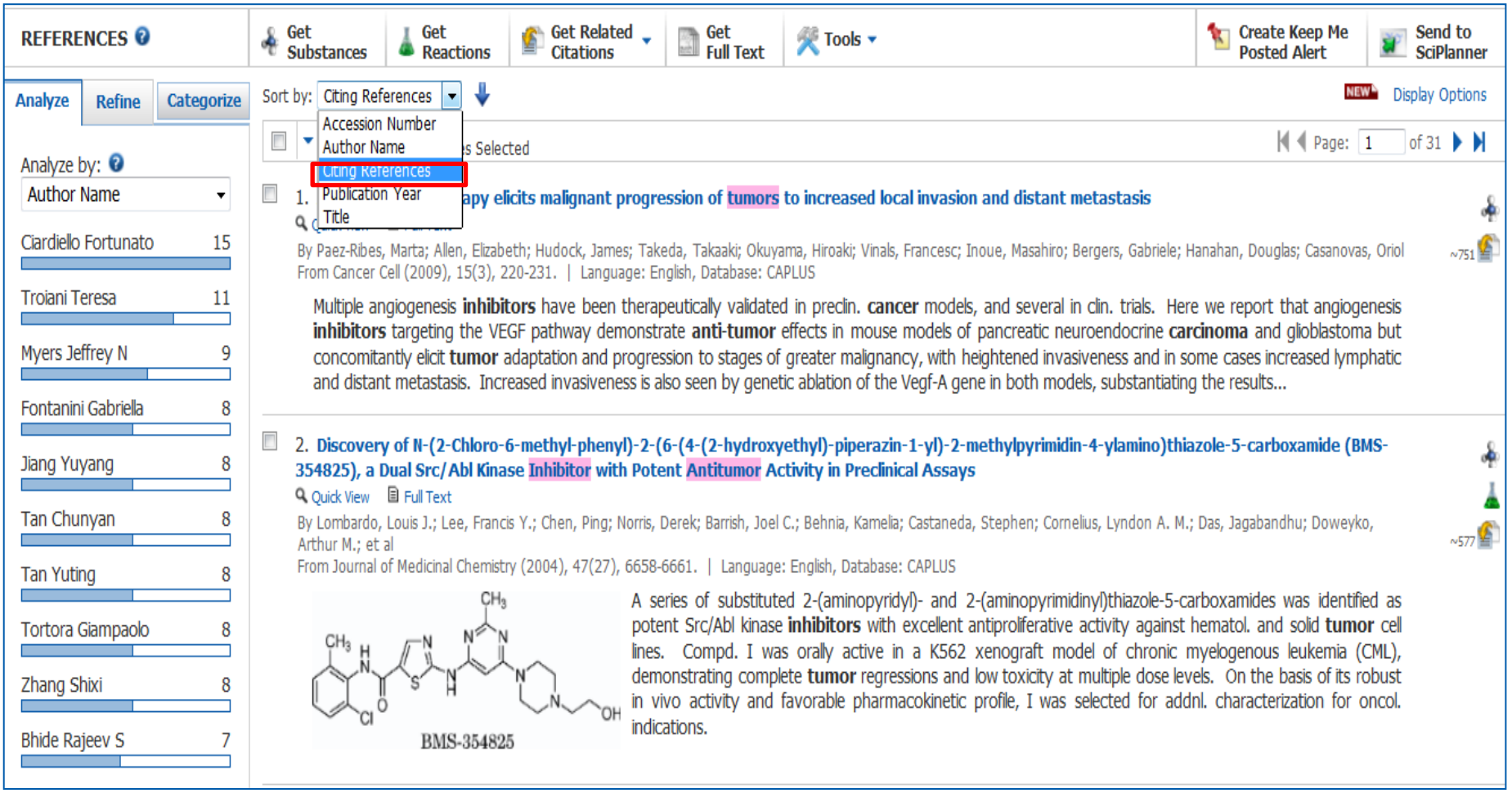
- “as entered” 表示完全匹配
- “concept”表示做了同意词的扩展
- “closely associated with one another”表示同时出现在一个句子中
- “present anywhere in the reference” 表示同时出现在一段话中

SciFinder 中的文献检索结果及后处理

文献分析、
限定工具　系统分类工具

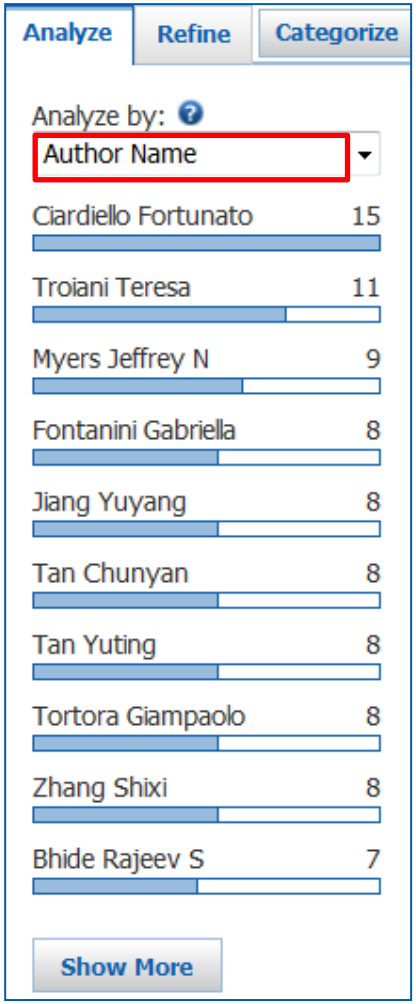
SciFinder提供强大的文献处理工具，帮助处理文献

SciFinder提供的引文排序— Citing Reference

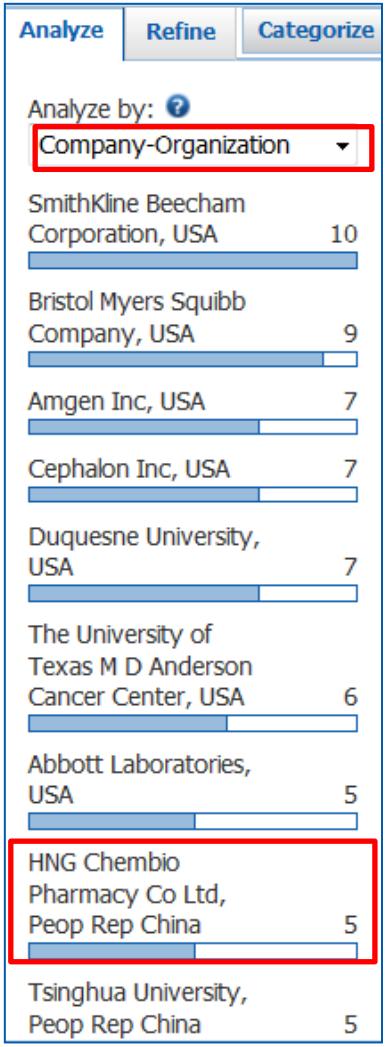


SciFinder中的Analyze

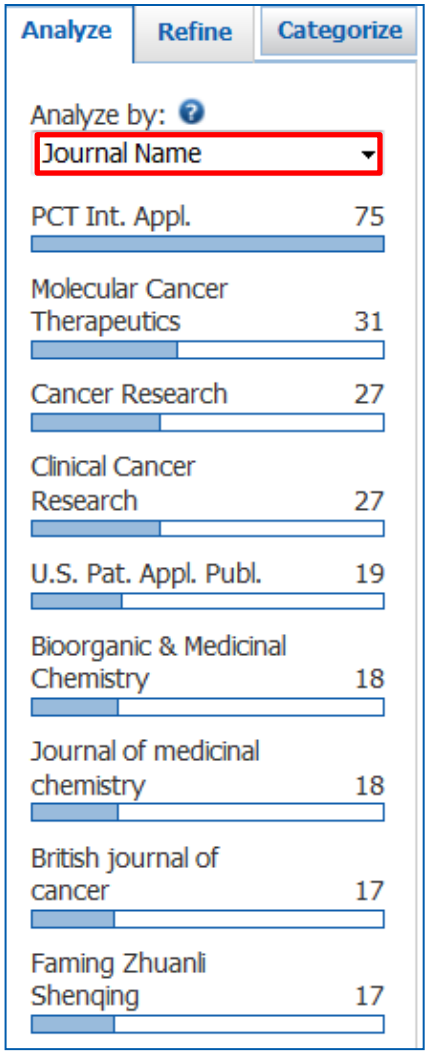
领域内主要研究人员，专家



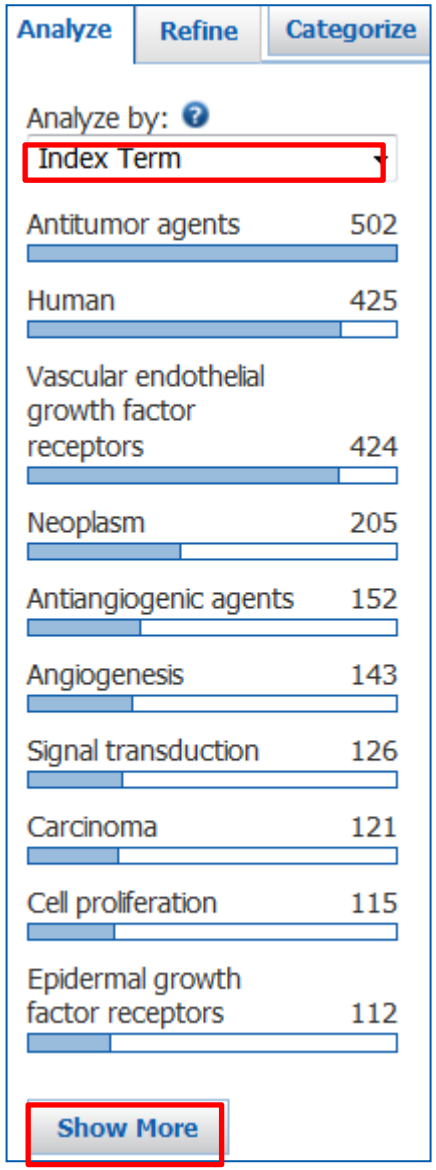
主要研究机构，合作伙伴，竞争对手



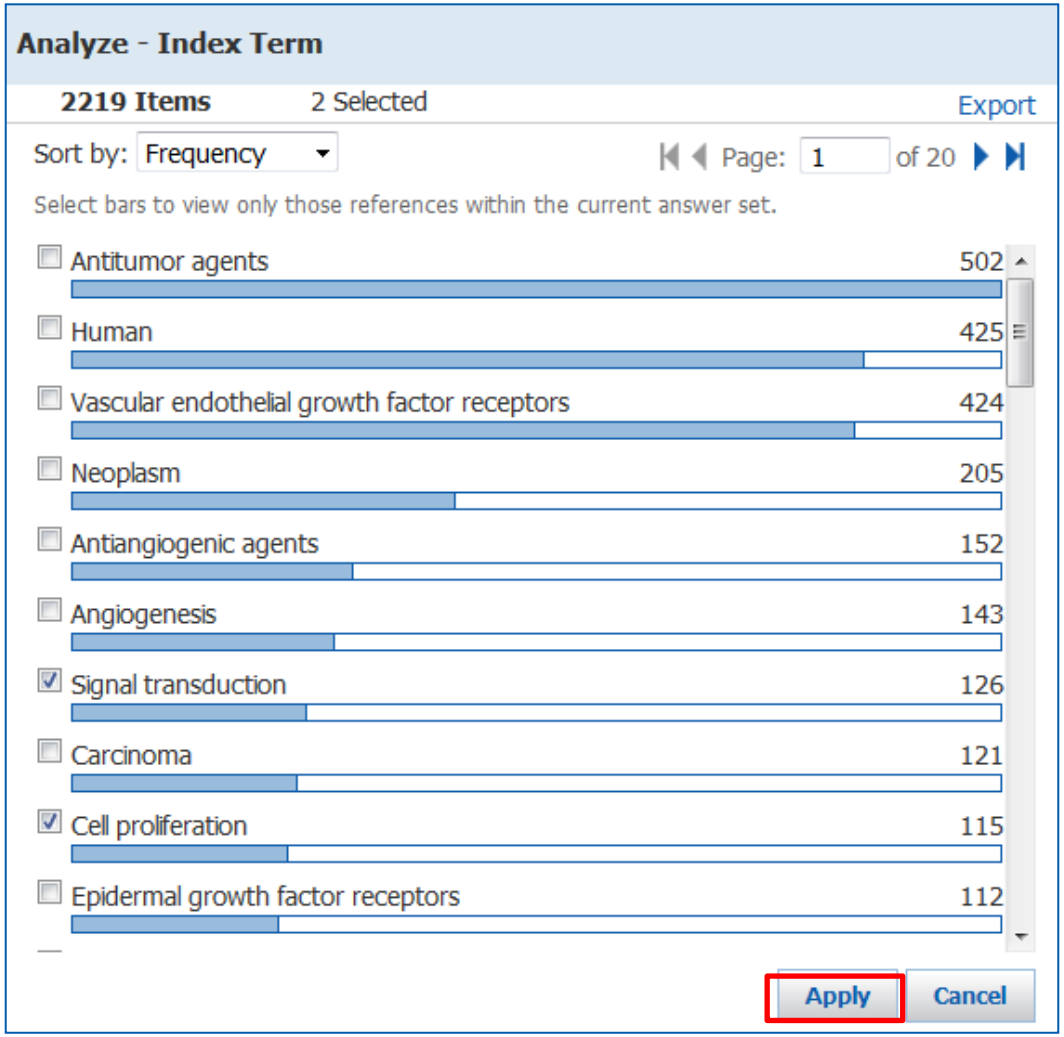
主要出版杂志，机构，潜在投稿期刊



SciFinder中的Analyze- Index Term

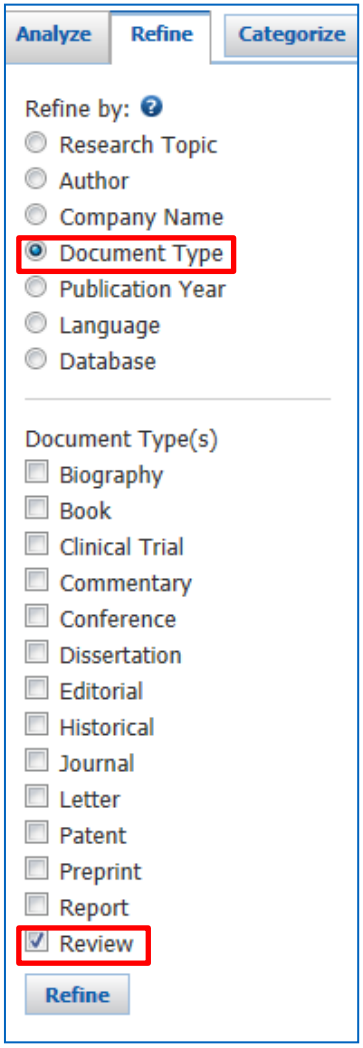


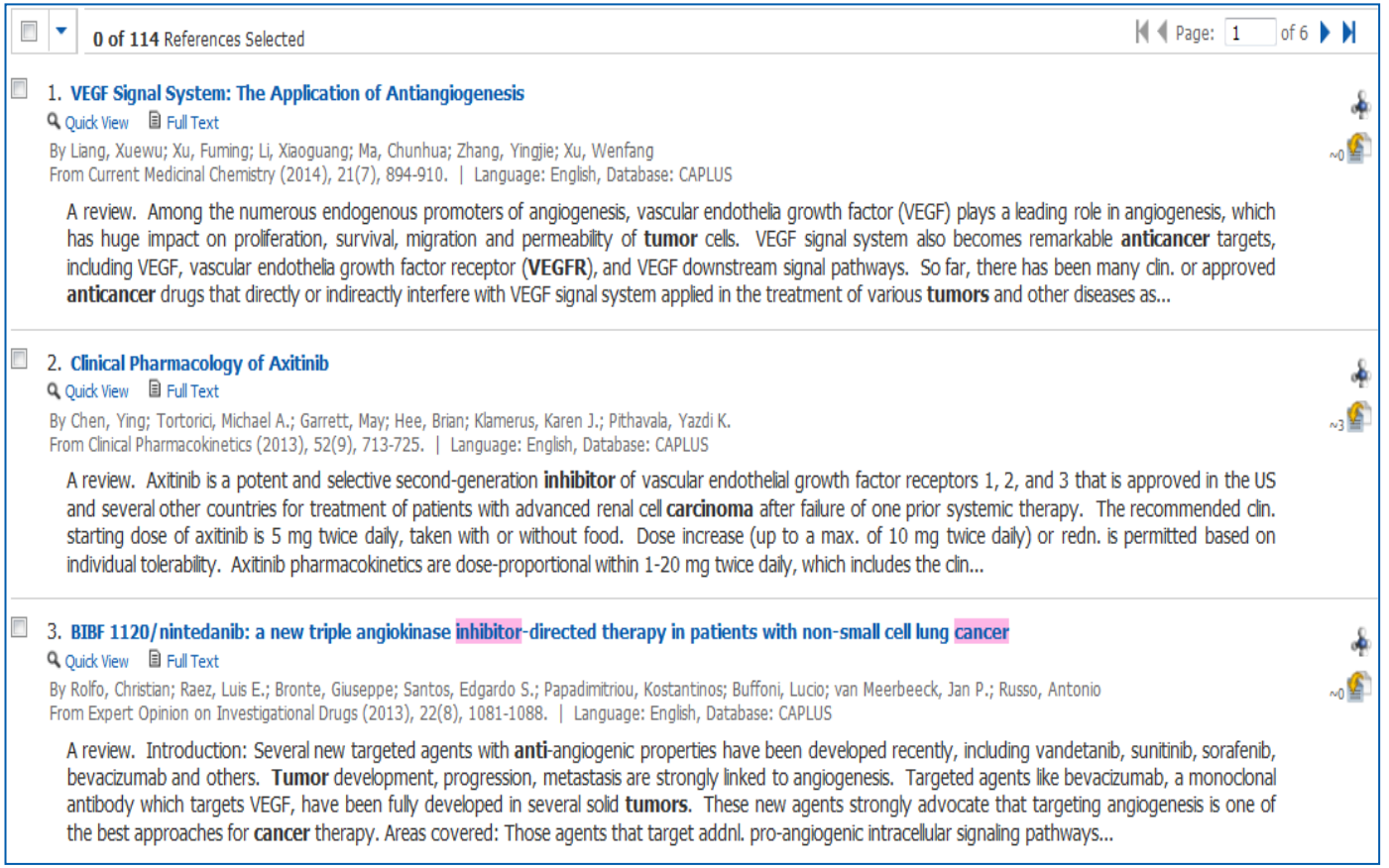
索引词（Index Term）：可以帮助我们对文献的内容进行大致的了解



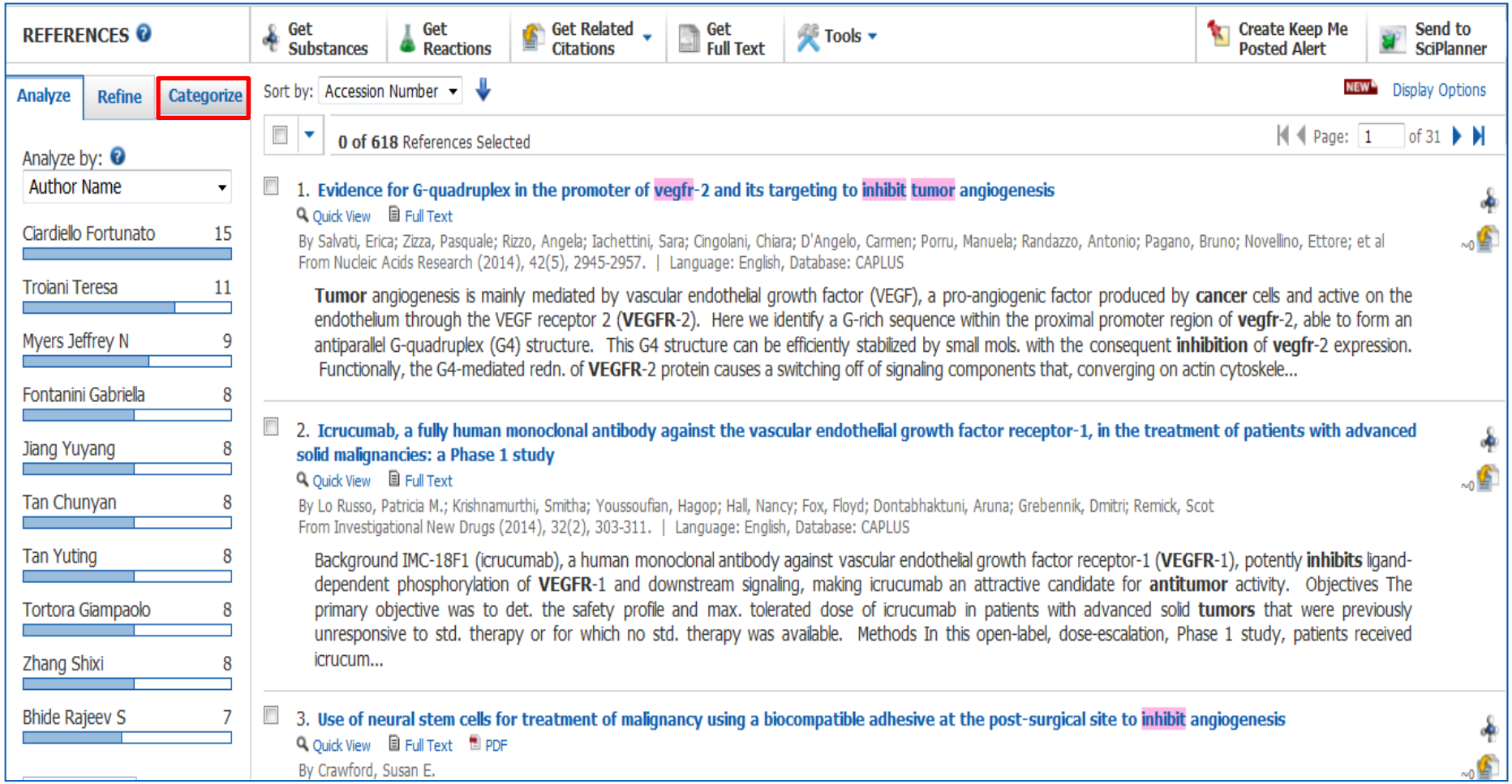
SciFinder中的Refine

文献类型限定：获得最新综述类文献





SciFinder 中的Categorize



Categorize系统分类功能，基于Index Term，对文献依学科方向进行分类

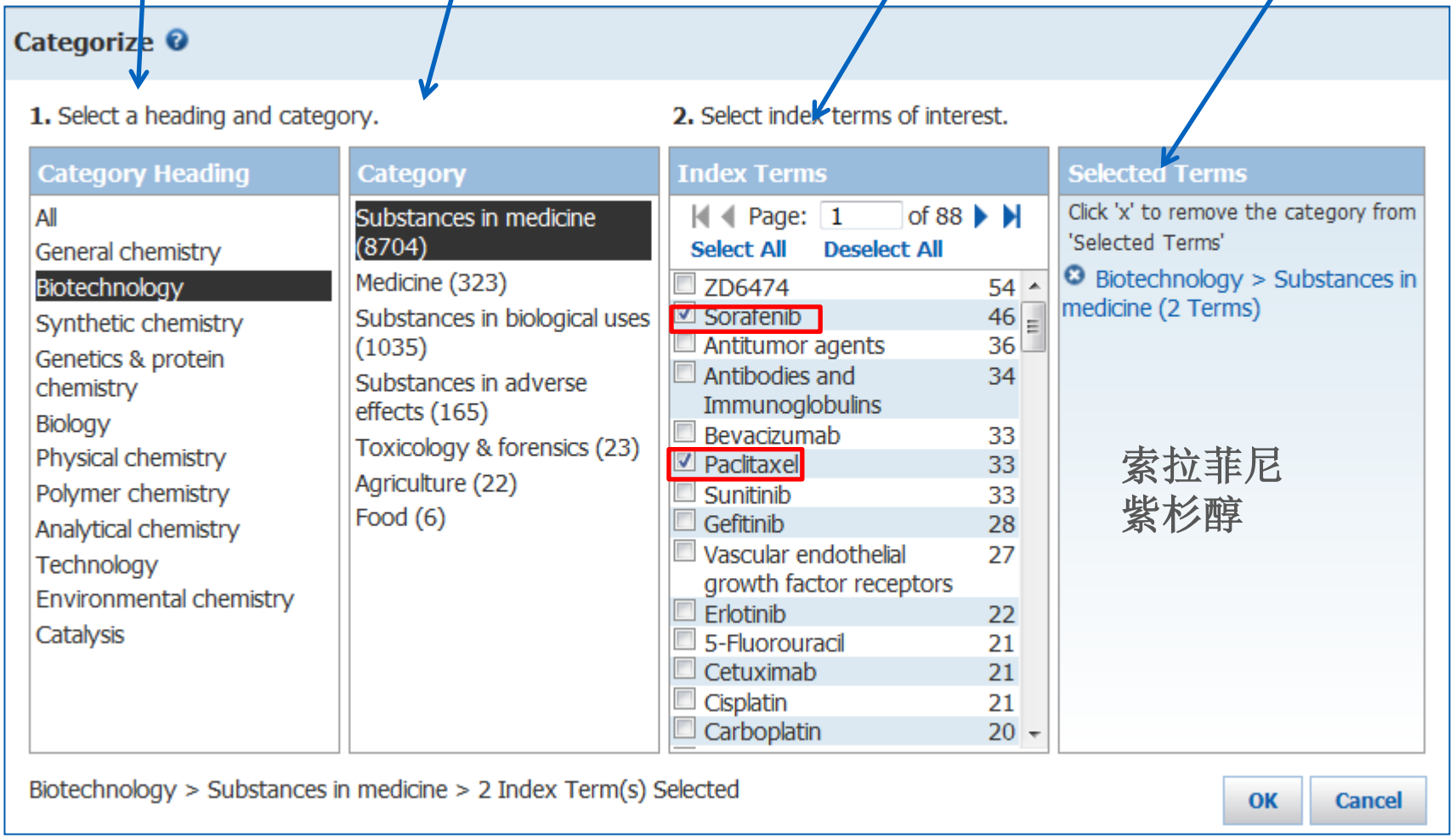
SciFinder中的Categorize

一级目录

二级目录

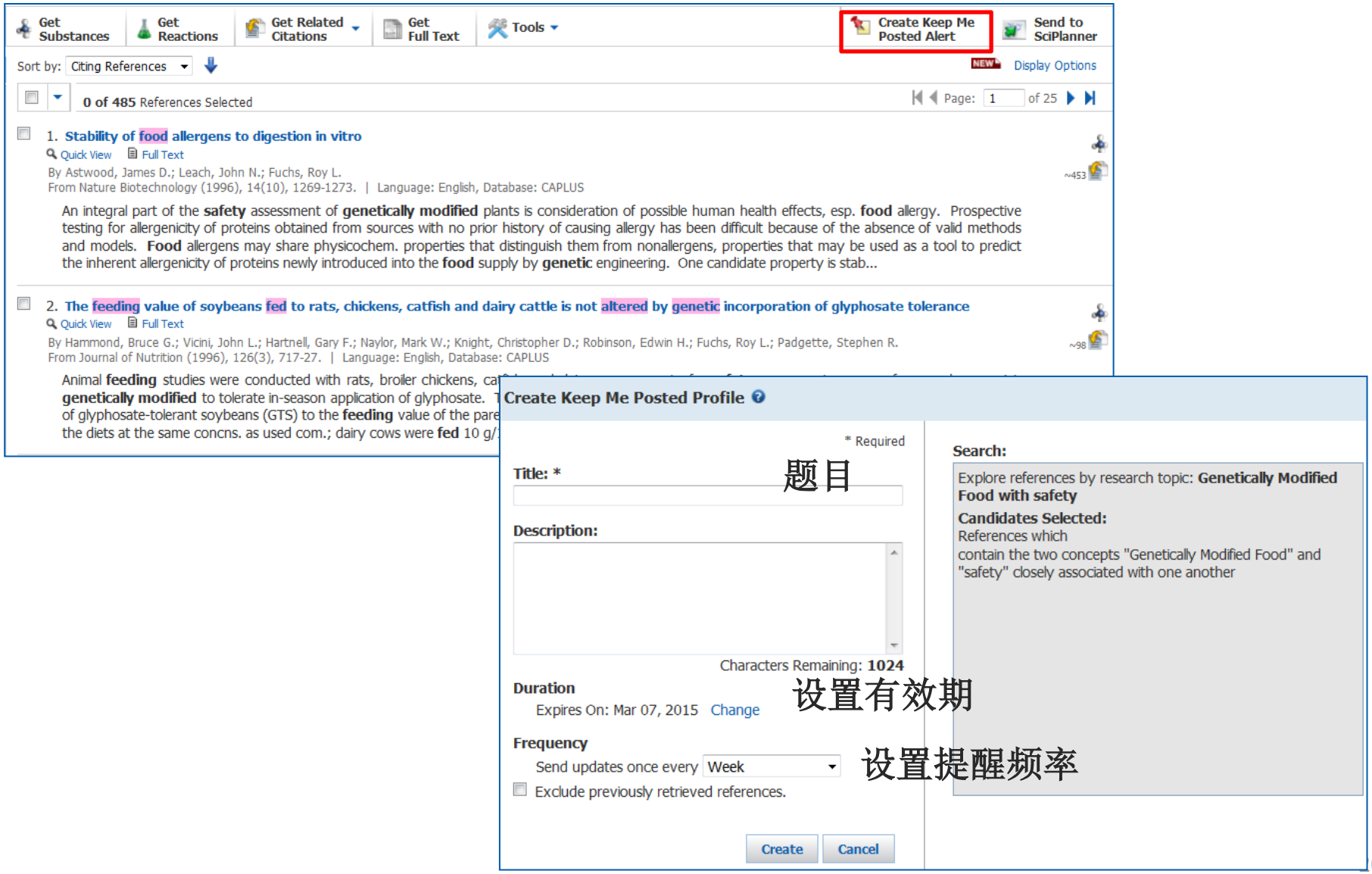
和二级目录相关的Index Term

选中的Index Term

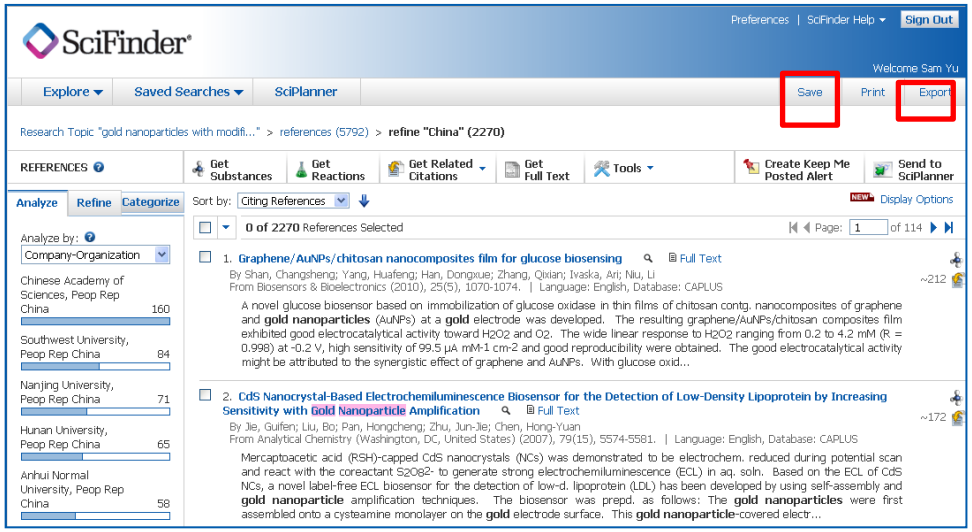


SciFinder中的KMP

随时跟踪科研最新进展



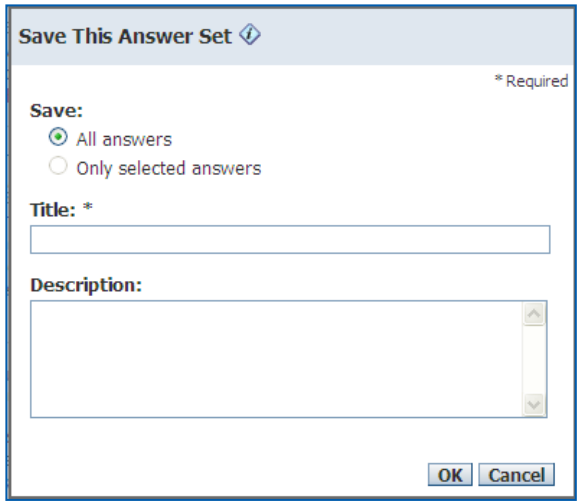
结果集的保存

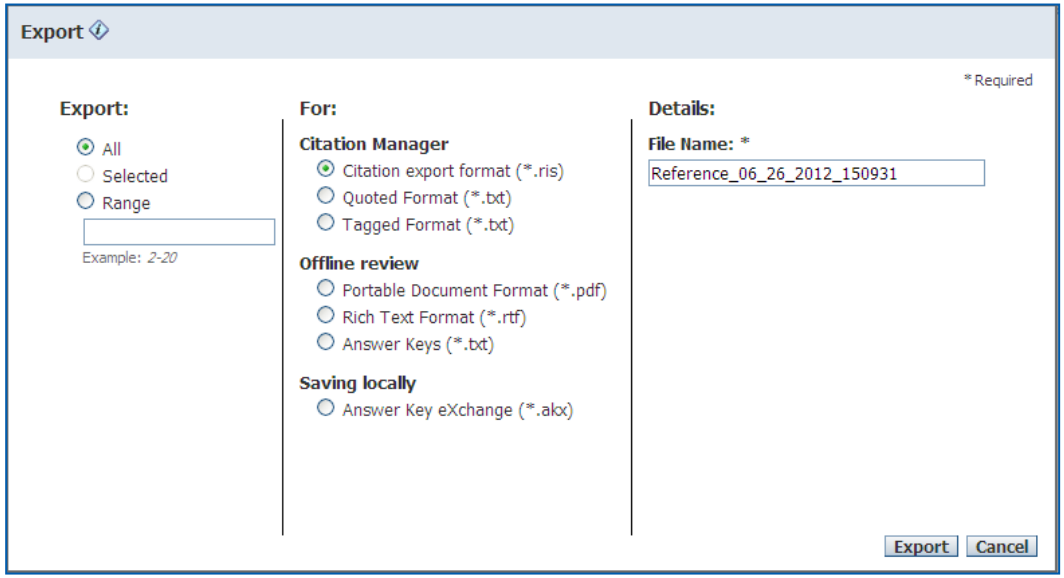


Export：

Citation manager: 保存成RIS格式，用于导入EndNote等文献管理工具

Offline Review:保存过成PDF，RTF格式，用于脱机浏览





Save：

保存在服务器上，可登陆后查看

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- **SciFinder Web中的检索和后处理**
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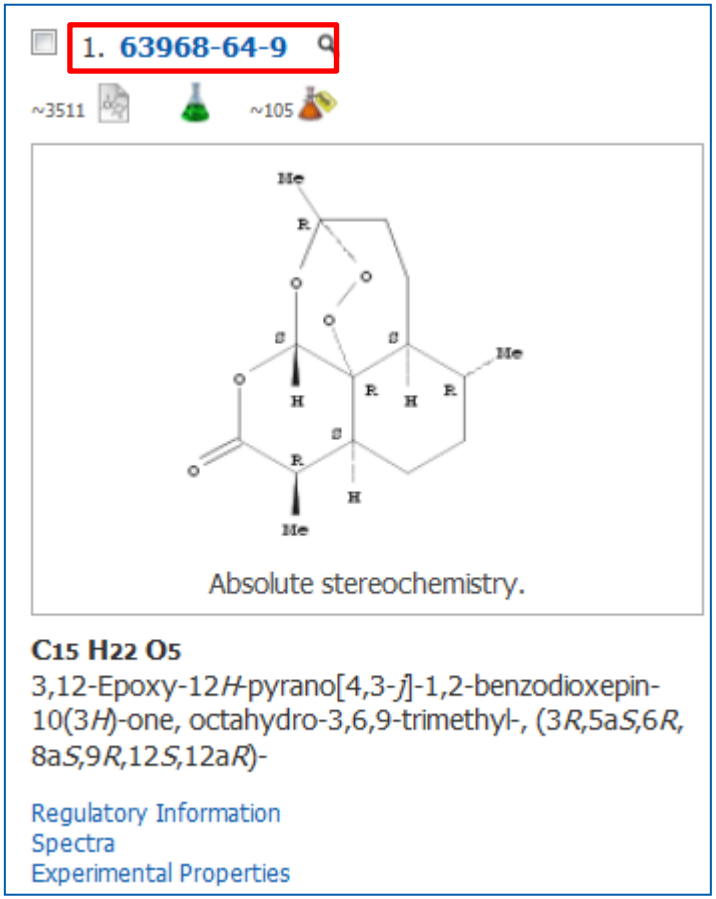
  - SciFinder Web中的物质结果及物质检索方法
  - SciFinder Web中的反应记录及反应检索
- **SciFinder Web的注册和常见问题**

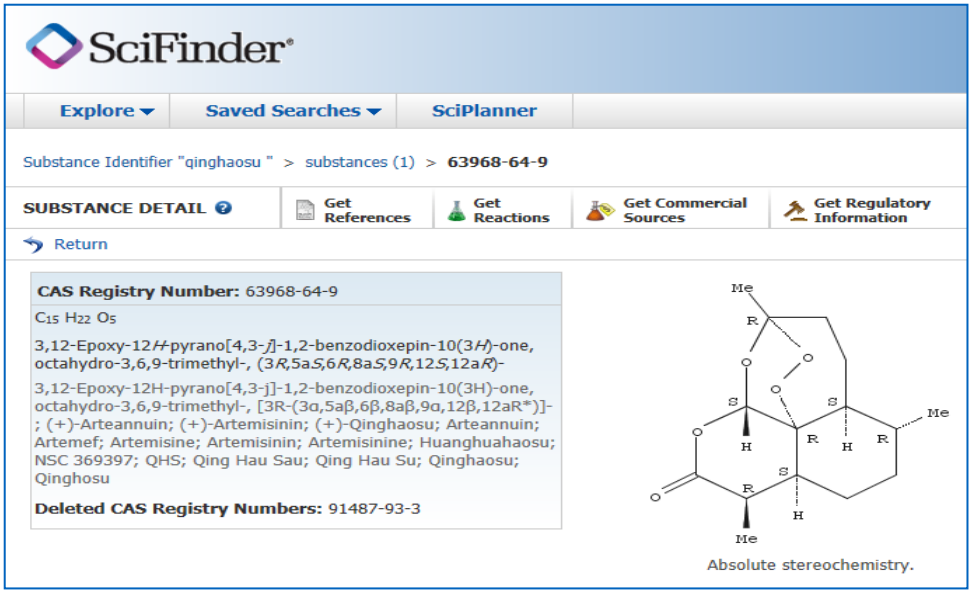
SciFinder中的物质结果界面



一个完整的物质结果界面包含：

- 物质详情连接
- 文献连接
- 反应连接
- 商品信息连接
- 管制品信息连接
- 谱图连接
- 实验性质连接

Substance Detail—查看物质详细信息



物质的的CAS号、分子式、结构式、化学名、别名

按照CAS Role分类的专利、非专利文献列表。对某类文献感兴趣，仅需点击交叉处的　即可方便快捷地获取。

Document Types: Book, Conference, Dissertation, Journal, Patent, Report

CAS Role	Patents	Nonpatents	Nonspecific Derivatives from Patents	Nonspecific Derivatives from Nonpatents
Analytical Study	✓	✓	✓	✓
Biological Study	✓	✓	✓	✓
Formation, Nonpreparative		✓	✓	✓
Miscellaneous	✓	✓		
Occurrence	✓	✓		✓
Preparation	✓	✓	✓	✓
Process	✓	✓	✓	✓
Properties	✓	✓	✓	✓
Prophetic in Patents	✓			
Reactant or Reagent	✓	✓	✓	✓
Uses	✓	✓	✓	✓

Substance Detail—查看物质详细信息

Bioactivity Indicators

	References
Anti-infective agents (all) >>> Antimalarials	939
Anti-infective agents (all) >> Parasiticides	56
Antitumor agents (all) > Antitumor agents	200
Natural products MD pharmaceutical	132

Target Indicators

	References
Cytokines (all) >> Interleukin 6	10
Cytokines (all) >> Interleukin 6	10
Cytokines (all) >> Interleukin 6	10
Cytokines (all) >> Tumor necrosis factor α	16
Cytokines (all) >> Tumor necrosis factor α	16
Enzymes (all) >>> Adenosine triphosphatase	18
Enzymes (all) >>>>>> Caspase-3	12
Enzymes (all) >>> Dihydrofolate reductase	10
Enzymes (all) >>> Proteasome	17
Enzymes (all) >>>>>>> Src kinase	13
Glycoproteins (all) >> P-glycoproteins	20
Hemoproteins (all) >>>> Cytochrome P450 CYP3A4	13
Interferons (all) > Interleukin 6	10
Interleukins (all) > Interleukin 6	10
Phosphoproteins (all) >> P-glycoproteins	20
Proteins	21
Receptors (all) > Toll-like receptors	13
RNA formation factors (all) >>> Transcription factor NF-κB	24
Transport proteins (all) >>>> Cytochrome P450 CYP3A4	13
Transport proteins (all) >> P-glycoproteins	20
Transport proteins (all) >>> Sarcoplasmic-endoplasmic reticulum calcium pumps	12

物质的生物活性和靶点信息，直接点击，获得相关文献

0 of 20 References Selected

1. **MDR1-associated resistance to artesunate + mefloquine does not impair blood-stage parasite fitness in a rodent malaria model** Full Text

By Rodrigues, Louise; Henriques, Gisela; Cravo, Pedro
From Infection, Genetics and Evolution (2013), 14, 340-346. | Language: English, Database: CAPLUS

If drug-resistant malaria mutants are less fit than sensitive forms, they will wane over time when active drug pressure is removed and the overall sensitivity to the drug may be restored. However, most studies addressing this issue have been largely retrospective. Here, we undertook a predictive study, using mutant rodent malaria parasites resistant to the Artemisinin combination treatment (ACT) version of artesunate + mefloquine (ATN + MF) to gain insights about their ability to compete with ATN + MF-sensitive forms in untreated hosts. Previously, Plasmodium chabaudi parasites resistant to...

2. **Artemether resistance in vitro is linked to mutations in PfATP6 that also interact with mutations in PfMDR1 in travellers returning with Plasmodium falciparum infections** Full Text

By Pillai, Dylan R.; Lau, Rachel; Khairnar, Krishna; Lepore, Rosalba; Via, Allegra; Staines, Henry M.; Krishna, Sanjeev
From Malaria Journal (2012), 11, 131. | Language: English, Database: CAPLUS

Background: Monitoring resistance phenotypes for Plasmodium falciparum, using in vitro growth assays, and relating findings to parasite genotype has proved particularly challenging for the study of resistance to artemisinins. Methods: Plasmodium falciparum isolates cultured from 28 returning travellers diagnosed with malaria were assessed for sensitivity to artemisinin, artemether, dihydroartemisinin and artesunate and findings related to mutations in pfatp6 and pfmdr1. Results: Resistance to artemether in vitro was significantly assocd. with a pfatp6 haplotype encoding two amino acid substi...

Substance Detail—查看物质详细信息

Predicted Properties: Biological Chemical Density Lipinski and Related Spectra Structure-related Thermal

Biological Properties	Value	Condition	Note	Top
Bioconcentration Factor	31.2	pH 1 Temp: 25 °C	(26)	
Bioconcentration Factor	31.2	pH 2 Temp: 25 °C	(26)	
Bioconcentration Factor	31.2	pH 3 Temp: 25 °C	(26)	
Bioconcentration Factor	31.2	pH 4 Temp: 25 °C	(26)	
Bioconcentration Factor	31.2	pH 5 Temp: 25 °C	(26)	
Bioconcentration Factor	31.2	pH 6 Temp: 25 °C	(26)	
Bioconcentration Factor	31.2	pH 7 Temp: 25 °C	(26)	
Bioconcentration Factor	31.2	pH 8 Temp: 25 °C	(26)	
Bioconcentration Factor	31.2	pH 9 Temp: 25 °C	(26)	
Bioconcentration Factor	31.2	pH 10 Temp: 25 °C	(26)	

Lipinski and Related Properties	Value	Condition	Note	Top
Freely Rotatable Bonds	0		(26)	
H Acceptors	5		(26)	
H Donors	0		(26)	
H Donor/Acceptor Sum	5		(26)	
logP	2.269±0.680	Temp: 25 °C	(26)	
Molecular Weight	282.33		(26)	

Spectra Properties	Value	Condition	Note	Top
Carbon-13 NMR Spectrum	See spectrum		(27)	
Proton NMR Spectrum	See spectrum		(27)	

Substance Detail—查看物质详细信息

Experimental Properties: Biological Chemical Density Flow and Diffusion Lipinski and Related Optical and Scattering Spectra Structure-related Thermal

Biological Properties	Value	Condition	Note	Top
ADME (Absorption, Distribution, Metabolism, Excretion)	See full text		(1)CAS	
Half-Life (Biological)	See full text	1 of 2	(9)CAS	
Median Lethal Dose(LD50)	5576 mg/kg	Organism: rat Route: oral	(14)APC	
Median Lethal Dose(LD50)	5105 mg/kg	Organism: mouse Route: oral	(14)APC	
Median Lethal Dose(LD50)	2800 mg/kg	Organism: mouse Route: intramuscular	(14)APC	
Median Lethal Dose(LD50)	2571 mg/kg	Organism: rat Route: intramuscular	(14)APC	
Median Lethal Dose(LD50)	1558 mg/kg	Organism: mouse Route: intraperitoneal	(14)APC	
Minimum Inhibitory Concentration	See full text	1 of 2	(18)CAS	

Lipinski and Related Properties	Value	Condition	Note	Top
logP	See full text	1 of 2	(12)CAS	

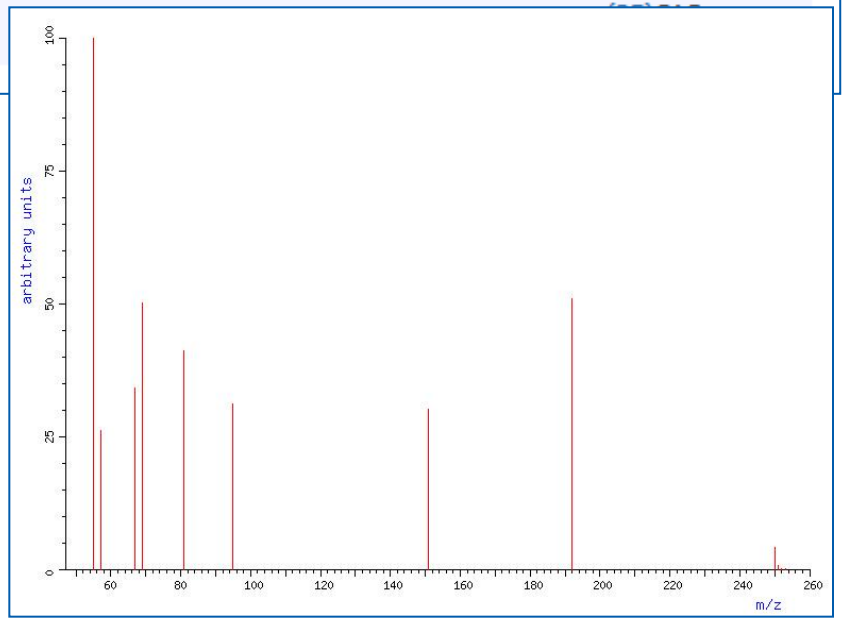
Optical and Scattering Properties	Value	Condition	Note	Top
Optical Rotatory Power	+87.9 °	Solv: 1,4-dioxane (123-91-1); Wavlen: 589.3 nm	(20)CAS	
Optical Rotatory Power	+75-+78 °	Conc: 1.0 g/100mL; Solv: ethanol (64-17-5); Wavlen: 589.3 nm; Temp: 20 °C	(12)CAS	
Optical Rotatory Power	+68.2 °	Conc: 0.97 g/100mL; Solv: chloroform (67-66-3); Temp: 25 °C	(16)IC	

Substance Detail—查看物质详细信息

Spectra Properties	Value	Condition	Note
Carbon-13 NMR Spectrum	See full text	1 of 8	(3)CAS
Circular Dichroism Spectrum	See full text	1 of 2	(4)IC
IR Absorption Spectrum	See full text	1 of 11	(11)CAS
Mass Spectrum	See spectrum		(13)WSS
Mass Spectrum	See spectrum		(13)WSS
Mass Spectrum	See full text	1 of 10	(1)CAS
Proton NMR Spectrum	See full text	1 of 10	(15)CAS
Raman Spectrum	See full text	1 of 2	(5)CAS
Two-Dimensional NMR Spectrum	See full text	1 of 2	(24)CAS
UV and Visible Absorption Spectrum	See full text		(22)CAS
UV and Visible Emission/Luminescence Spectrum	See full text		

Top

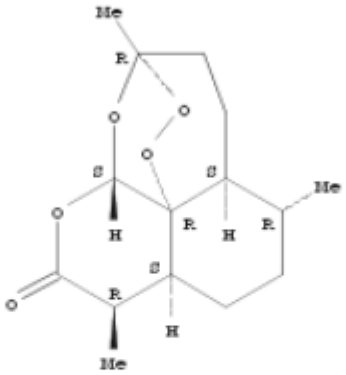
物质的实验谱图



物质有关的文献信息

1. 63968-64-9

~3511 ~105



Absolute stereochemistry.

C15 H22 O5

3,12-Epoxy-12*H*-pyrano[4,3-*j*]-1,2-benzodioxepin-10(3*H*)-one, octahydro-3,6,9-trimethyl-, (3*R*,5a*S*,6*R*,8a*S*,9*R*,12*S*,12a*R*)-

Regulatory Information
Spectra
Experimental Properties

一键获得文献，可以获得全部，也可以勾选特别感兴趣的内容，不勾选，默认获得全部

Get References

Limit results to:

- Adverse Effect, including toxicity
- Analytical Study
- Biological Study
- Combinatorial Study
- Crystal Structure
- Formation, nonpreparative
- Miscellaneous
- Occurrence
- Prophetics in Patents
- Preparation
- Process
- Properties
- Reactant or Reagent
- Spectral Properties
- Uses

For each sequence, retrieve:

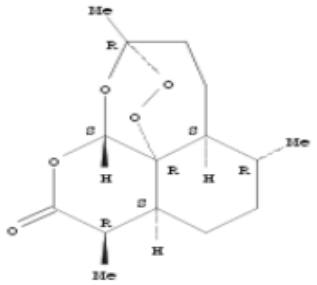
- Additional related references, e.g., activity studies, disease studies.

Get Cancel

物质有关的反应

1. 63968-64-9

~3511 ~105



Absolute stereochemistry.

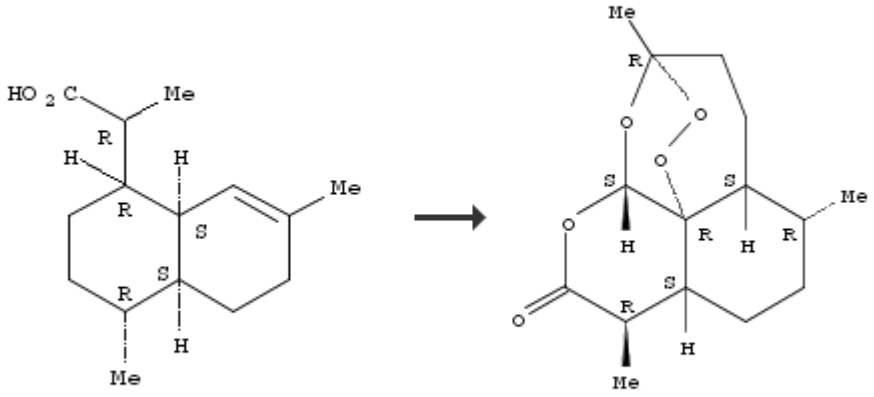
C15 H22 O5

3,12-Epoxy-12*H*-pyrano[4,3-*j*]-1,2-benzodioxepin-10(3*H*)-one, octahydro-3,6,9-trimethyl-, (3*R*,5a*S*,6*R*,8a*S*,9*R*,12*S*,12a*R*)-

Regulatory Information
Spectra
Experimental Properties

1. View Reaction Detail Link Similar Reactions

Single Step *Hover over any structure for more options.*



50%

Overview

Get Reactions

Limit results by reaction role:

- (•) Product
- ( ) Reactant
- ( ) Reagent
- ( ) Reactant or reagent
- ( ) Catalyst
- ( ) Solvent
- ( ) Any role

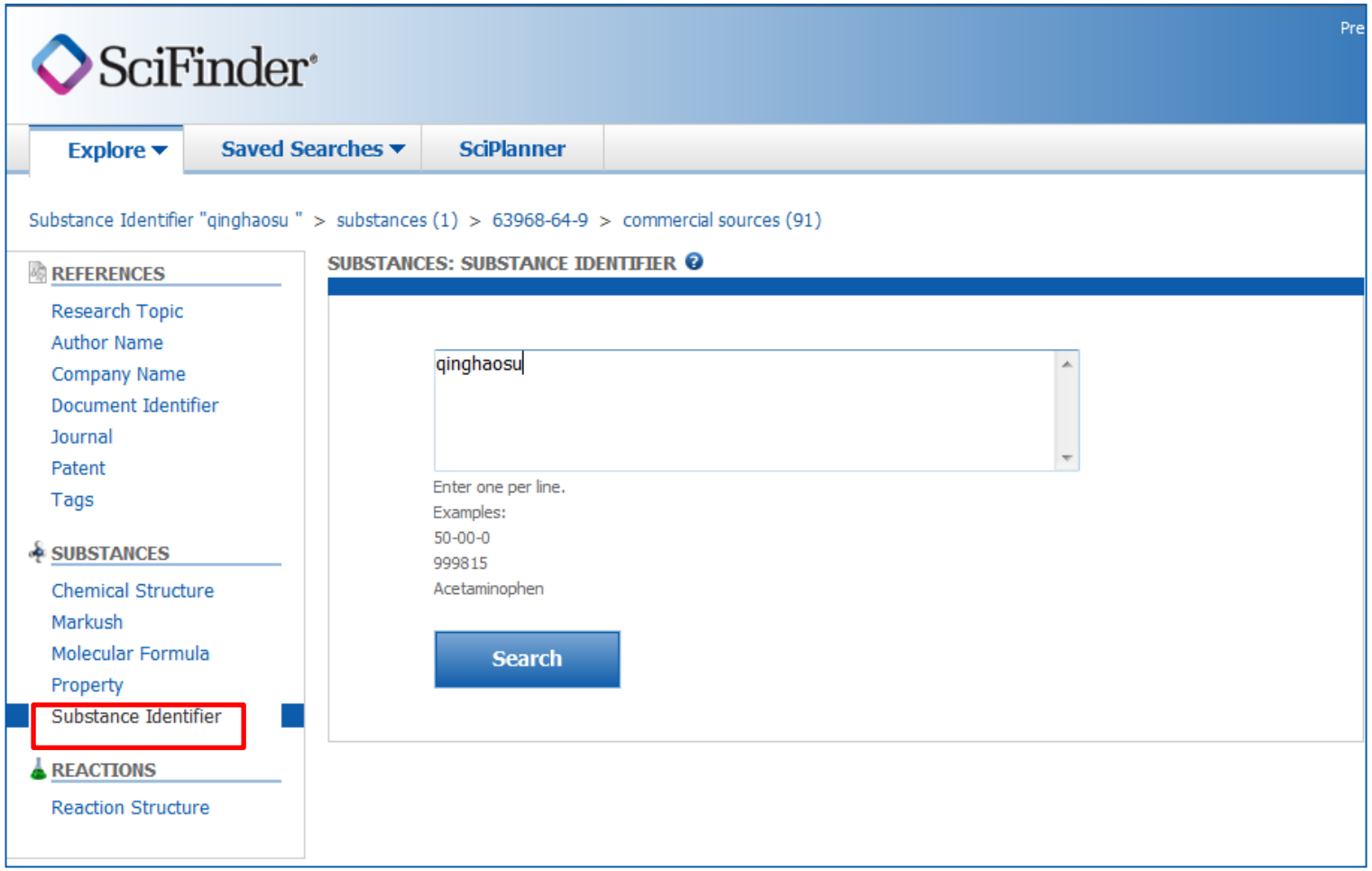
Get Cancel

SciFinder中的物质检索方法

- **功能方面**
  - 物质名称，CAS No
  - 分子式
  - 结构式
  - 理化性质

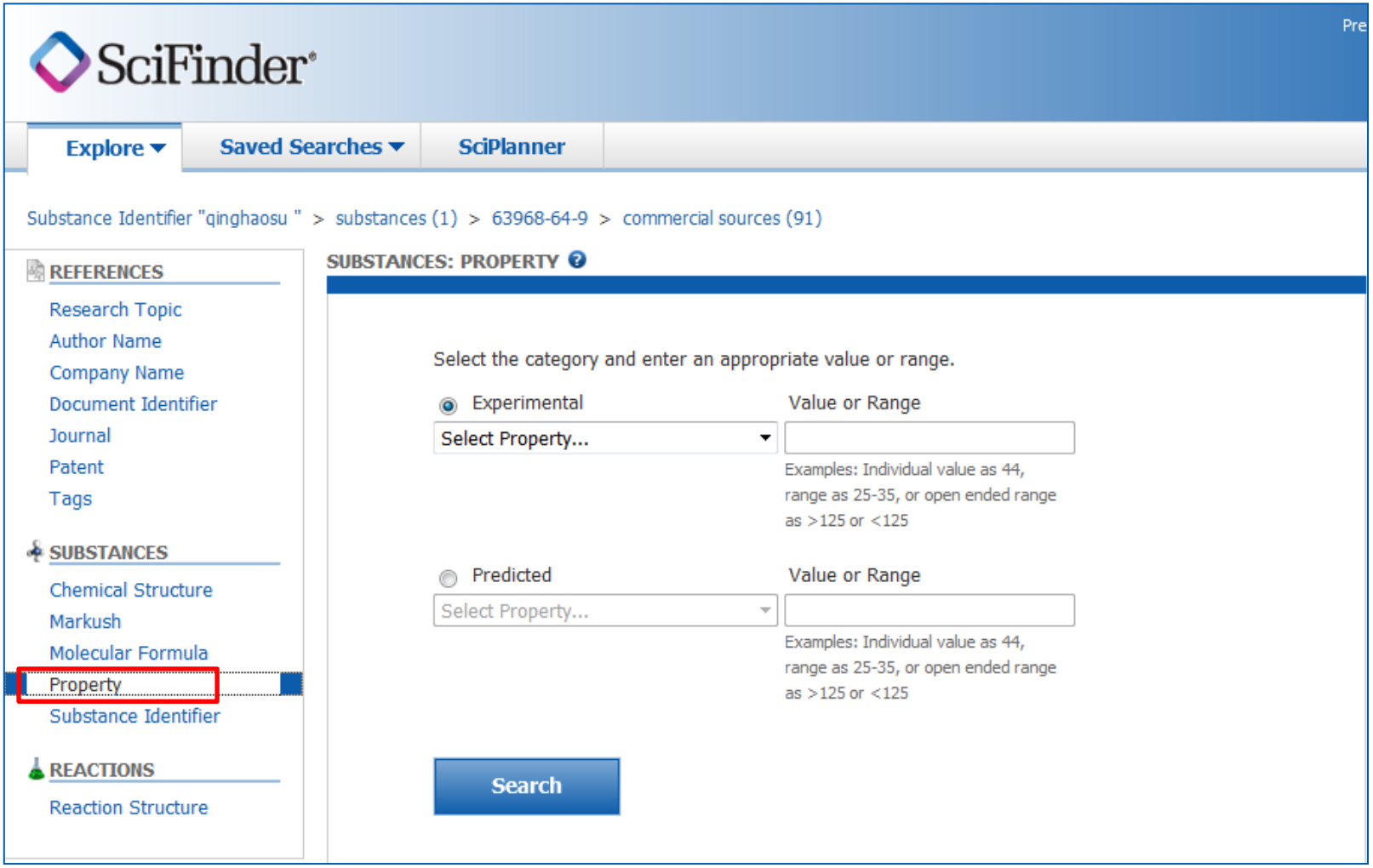
- **推荐的物质检索功能**
  - 有机物，天然产物及衍生物　---结构比较方便
  - 无机物　---分子式比较方便
  - 高分子化合物　---首先分子式，其次结构

物质名称检索

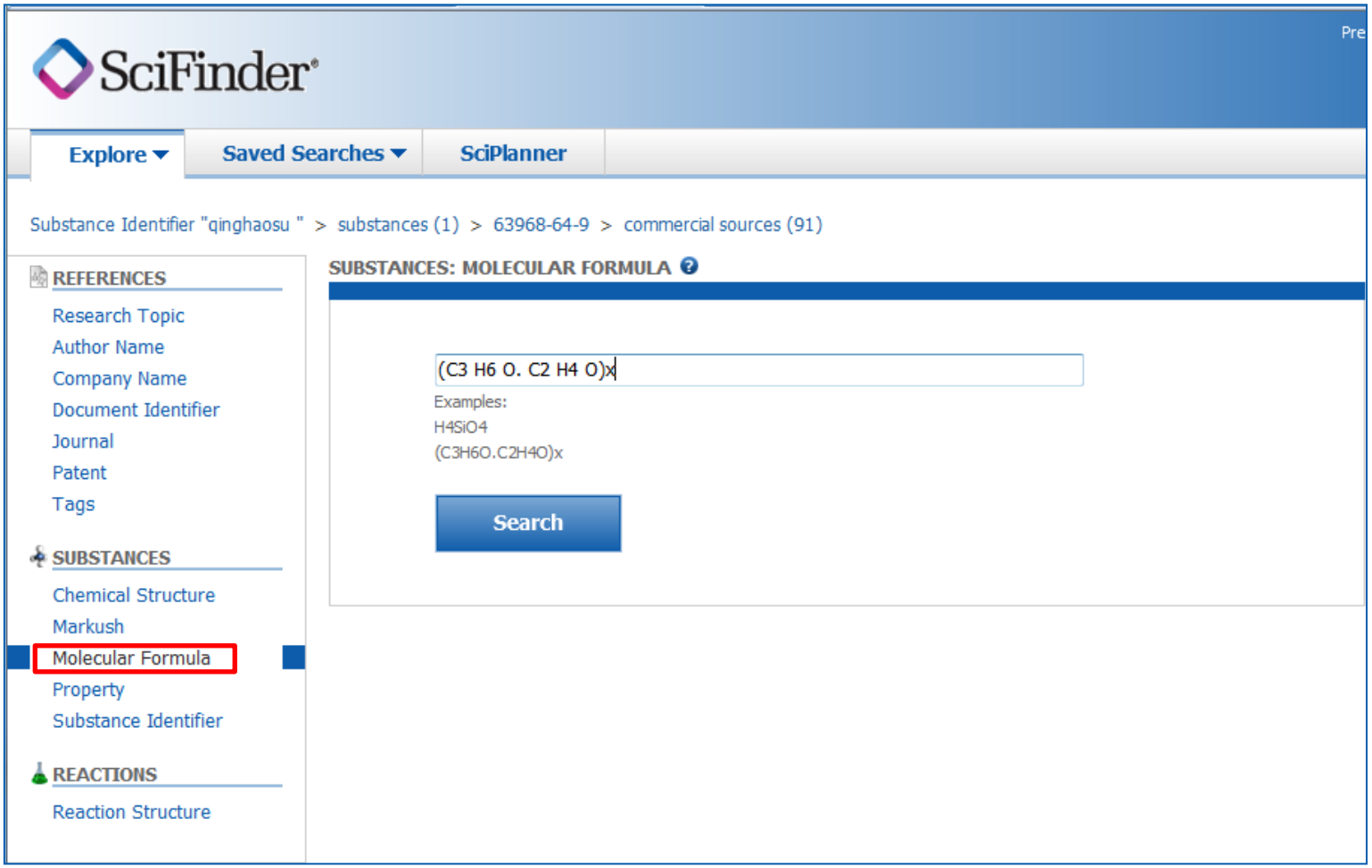


直接输入物质的名称，CAS No，俗名，都能检索，一次最多检索25个物质，用换行换开

理化性质检索

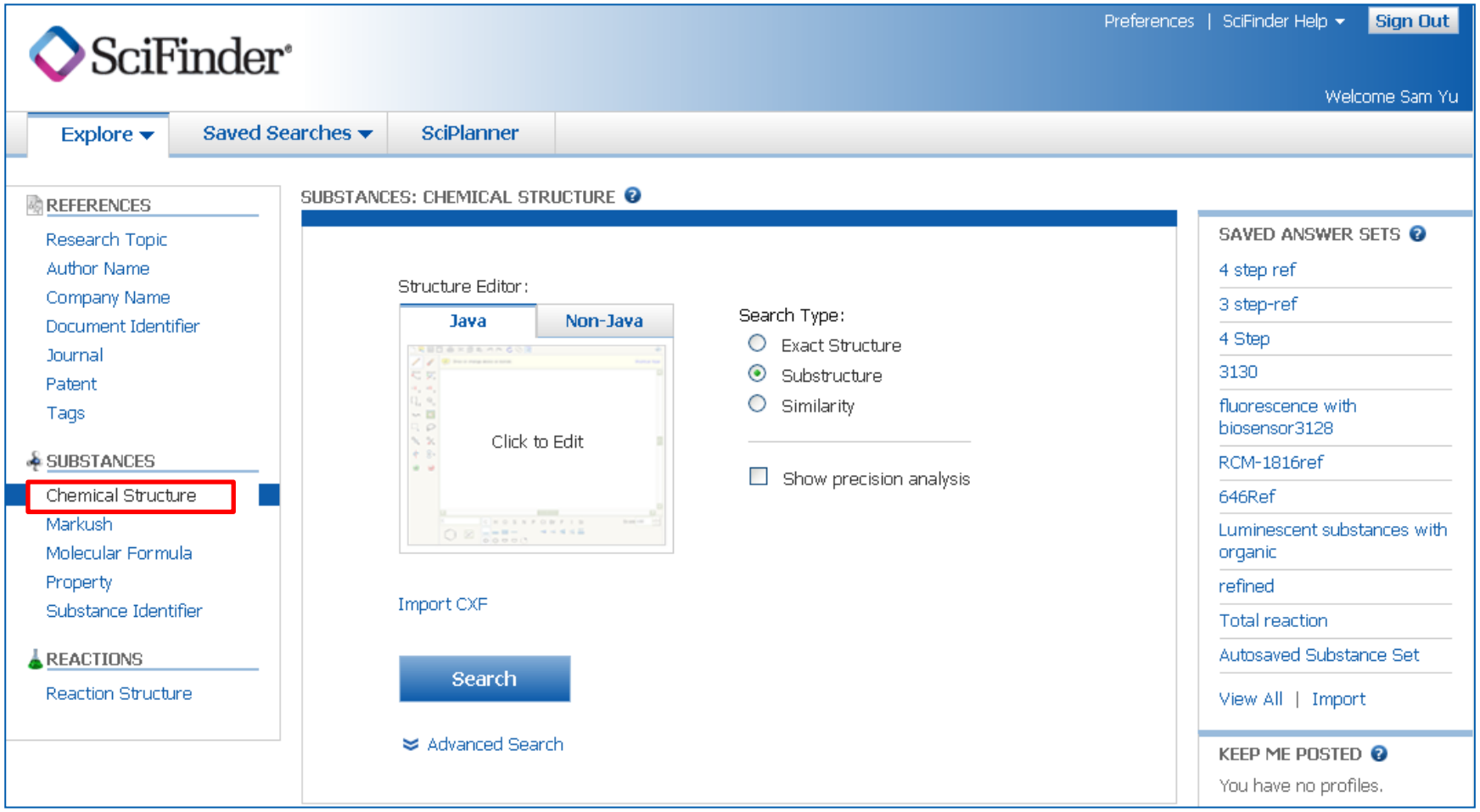


分子式检索

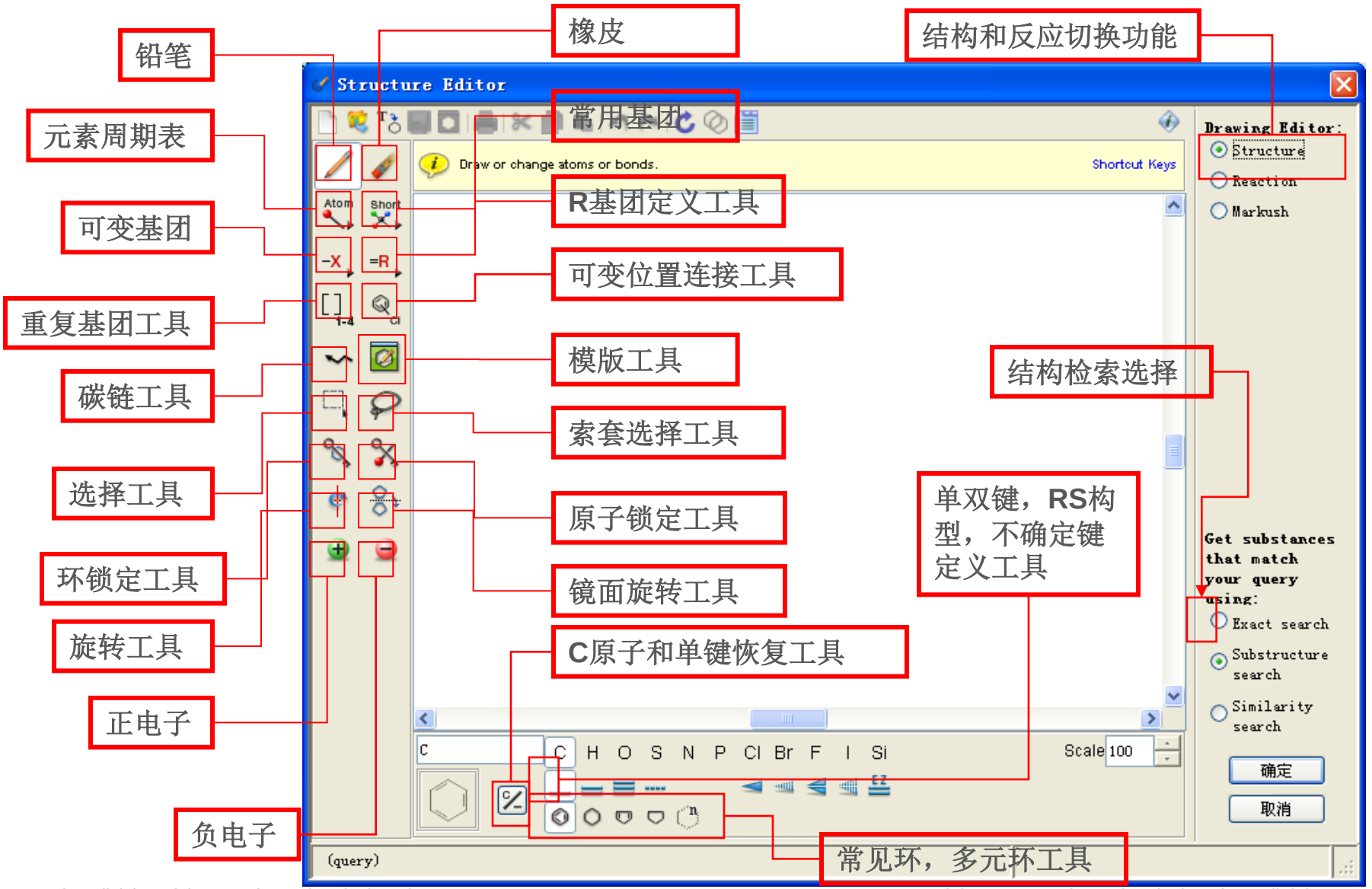


SciFinder中的分子式的检索，需要按照HILL排序方式输入，简单来说，CH写前面，其他的按照字母顺序写

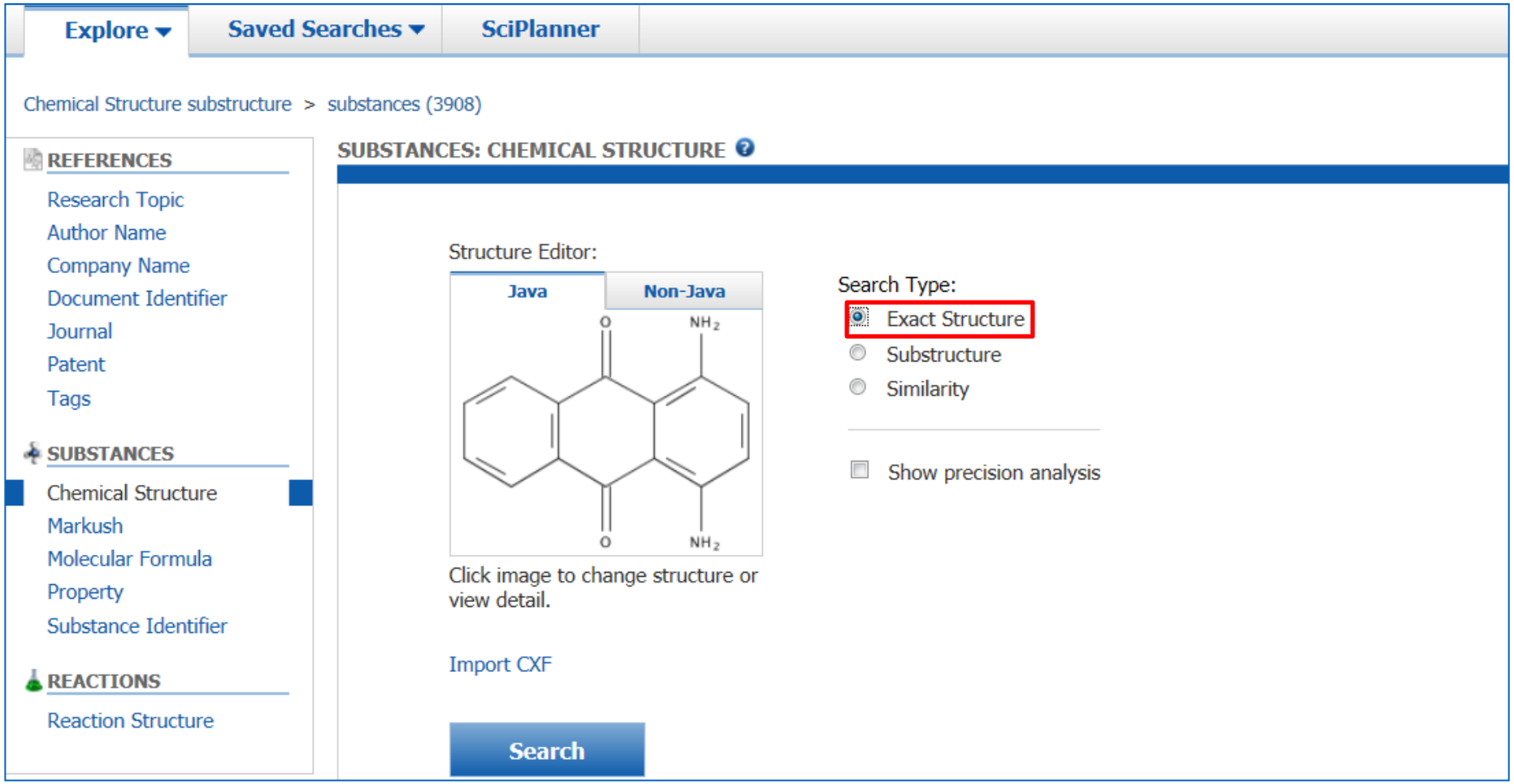
结构式检索



SciFinder结构绘制工具



精确结构检索



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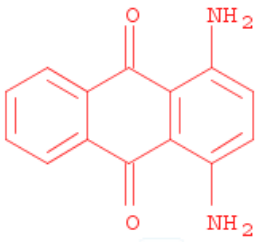
检索结果

1. **Substance Detail**
128-95-0

~1301

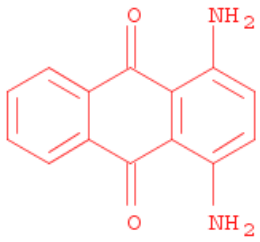


$C_{14}H_{10}N_2O_2$
9,10-Anthracenedione, 1,4-diamino-

Spectra
Experimental Properties

2. **Substance Detail**
59637-62-6

~7

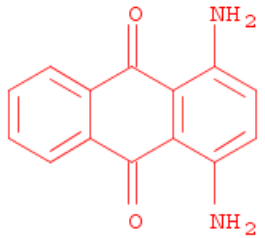


$C_{14}H_{10}N_2O_2$
9,10-Anthracenedione, 1,4-diamino-, radical ion(1-)

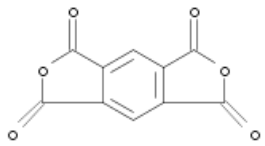
3. **Substance Detail**
84516-43-8

~5

128-95-0
$C_{14}H_{10}N_2O_2$

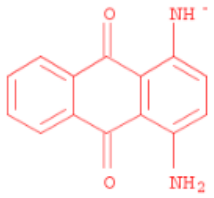


89-32-7
$C_{10}H_2O_6$



$(C_{14}H_{10}N_2O_2 \cdot C_{10}H_2O_6)_x$
1*H*,3*H*-Benzo[1,2-*c*:4,5-*c'*]difuran-1,3,5,7-tetrone, polymer with 1,4-diamino-9,10-anthracenedione (9CI)

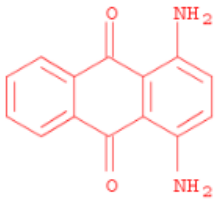
49. **Substance Detail**
121749-47-1



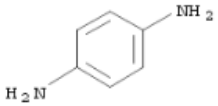
$C_{14}H_9N_2O_2$
9,10-Anthracenedione, 1,4-diamino-, ion(1-)

50. **Substance Detail**
122988-10-7

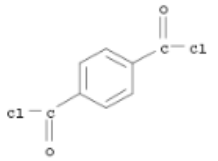
128-95-0
$C_{14}H_{10}N_2O_2$



106-50-3
$C_6H_8N_2$



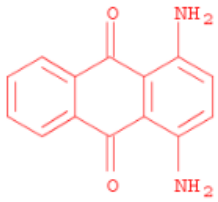
100-20-9
$C_8H_4Cl_2O_2$



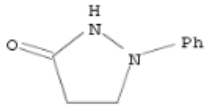
$(C_{14}H_{10}N_2O_2 . C_8H_4Cl_2O_2 . C_6H_8N_2)_x$
1,4-Benzenedicarbonyl dichloride, polymer with 1,4-benzenediamine and 1,4-diamino-9,10-anthracenedione (9CI)

51. **Substance Detail**
126905-64-4

128-95-0
$C_{14}H_{10}N_2O_2$



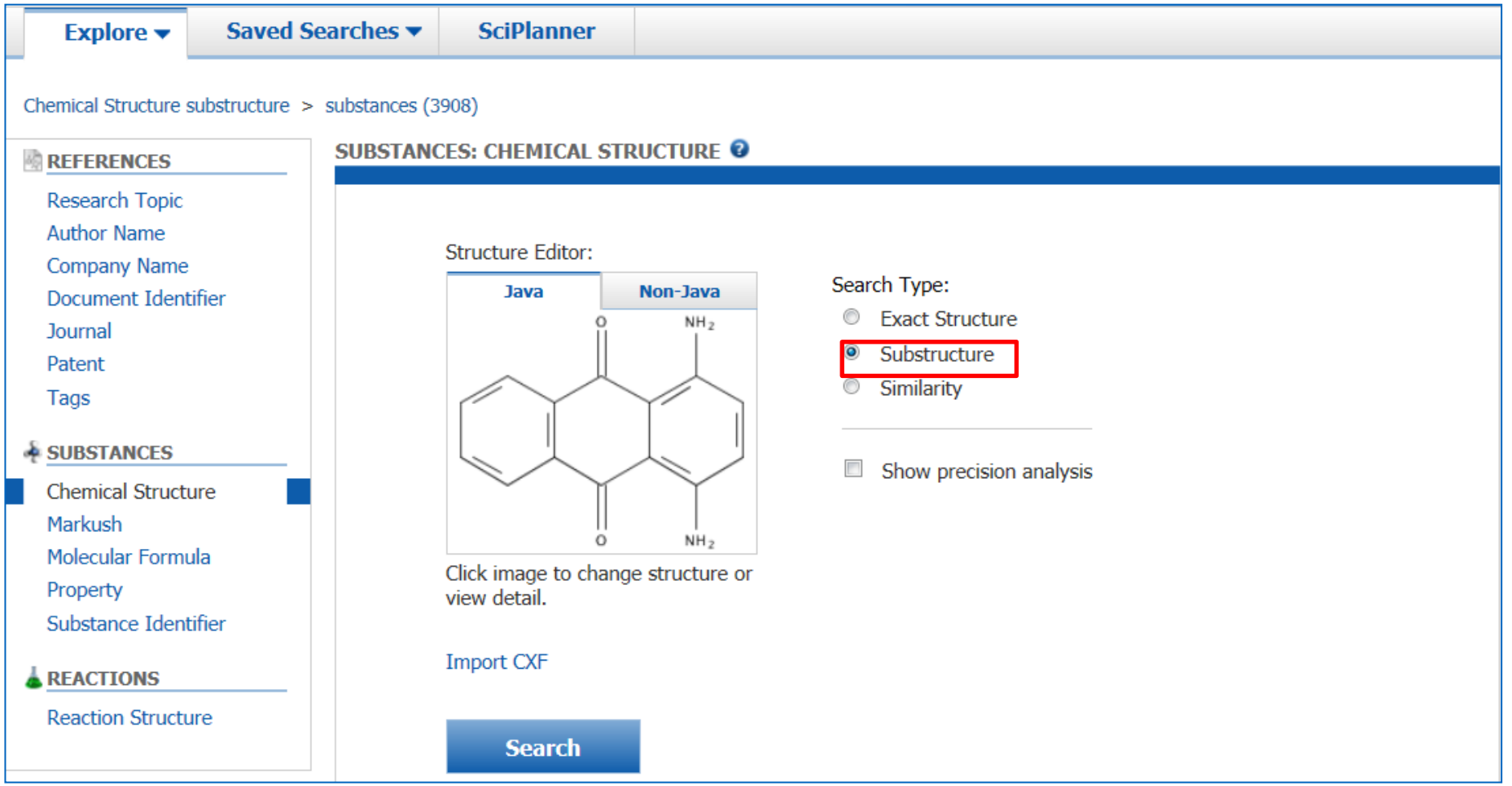
92-43-3
$C_9H_{10}N_2O$



$C_{14}H_{10}N_2O_2 . C_9H_{10}N_2O$
9,10-Anthracenedione, 1,4-diamino-, mixt. with 1-phenyl-3-pyrazolidinone (9CI)

物质本身、多组分聚合物、混合物、含同位素物质、盐类和自由基等。

亚结构检索



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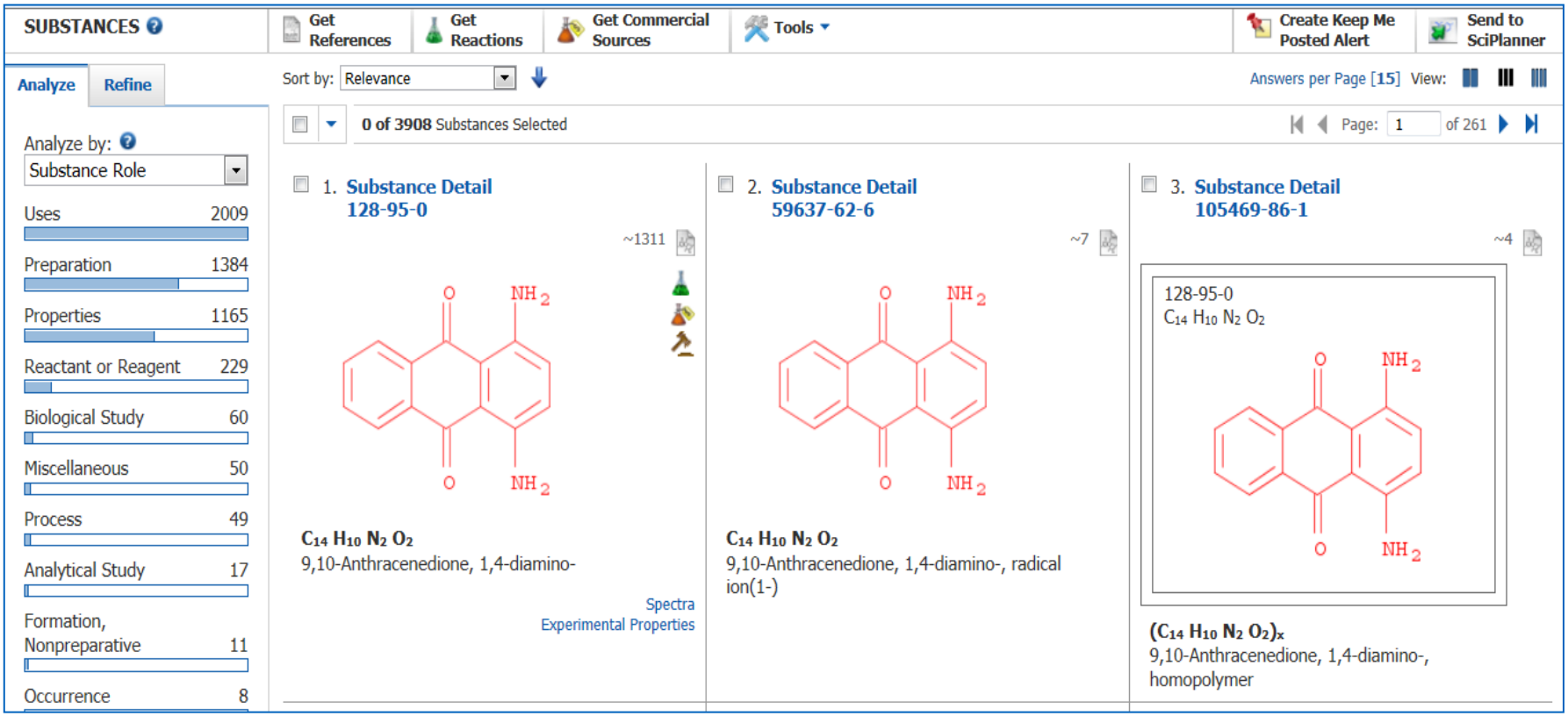
亚结构检索结果



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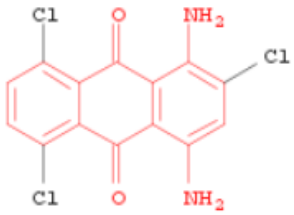
亚结构检索的结果

217. **Substance Detail**
3223-93-6

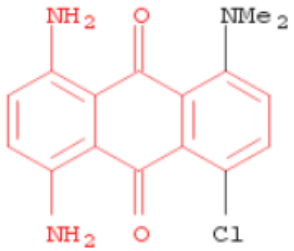
~1



$C_{14}H_7Cl_3N_2O_2$
9,10-Anthracenedione, 1,4-diamino-2,5,8-trichloro-

218. **Substance Detail**
14509-07-0

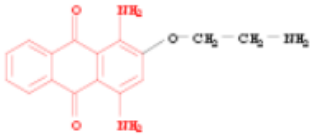
~1



$C_{16}H_{14}ClN_3O_2$
9,10-Anthracenedione, 1,4-diamino-5-chloro-8-(dimethylamino)-

219. **Substance Detail**
54901-16-5

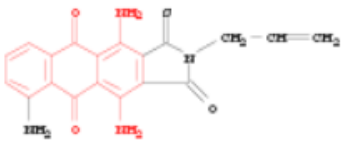
~1



$C_{16}H_{15}N_3O_3$
9,10-Anthracenedione, 1,4-diamino-2-(2-aminoethoxy)-

1486. **Substance Detail**
103359-31-5

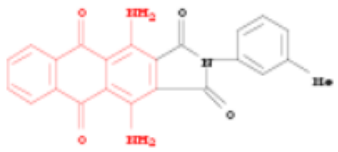
~1



$C_{19}H_{14}N_4O_3S$
1*H*-Naphth[2,3-*f*]isoindole-1,5,10-trione, 4,9,11-triamino-2,3-dihydro-2-(2-propen-1-yl)-3-thioxo-

1487. **Substance Detail**
109374-90-5

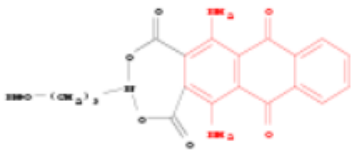
~1



$C_{23}H_{15}N_3O_4$
1*H*-Naphth[2,3-*f*]isoindole-1,3,5,10(2*H*)-tetrone, 4,11-diamino-2-(3-methylphenyl)-

1488. **Substance Detail**
112259-11-7

~1

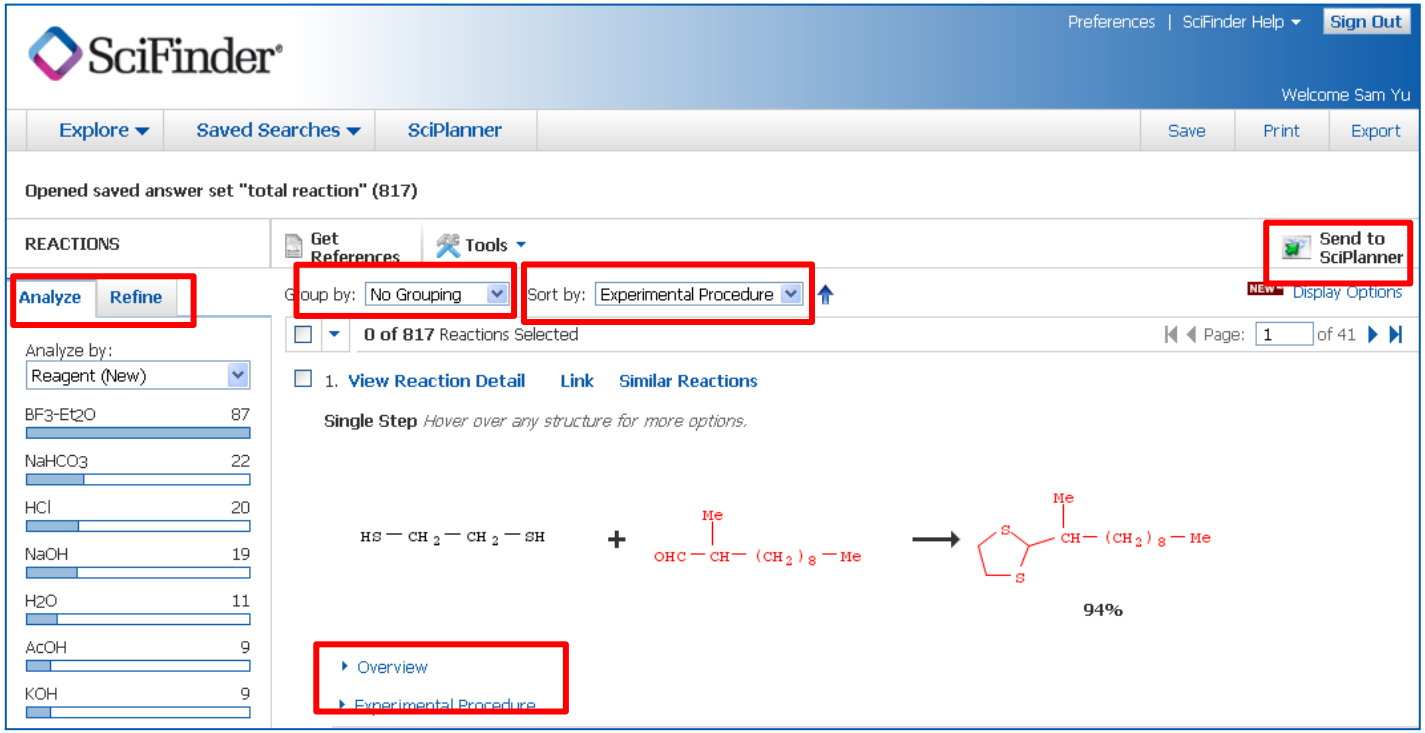


$C_{20}H_{17}N_3O_7$
Anthra[2,3-*e*][1,3,2]dioxazepine-1,5,7,12-tetrone, 6,13-diamino-3-(3-methoxypropyl)-

提纲

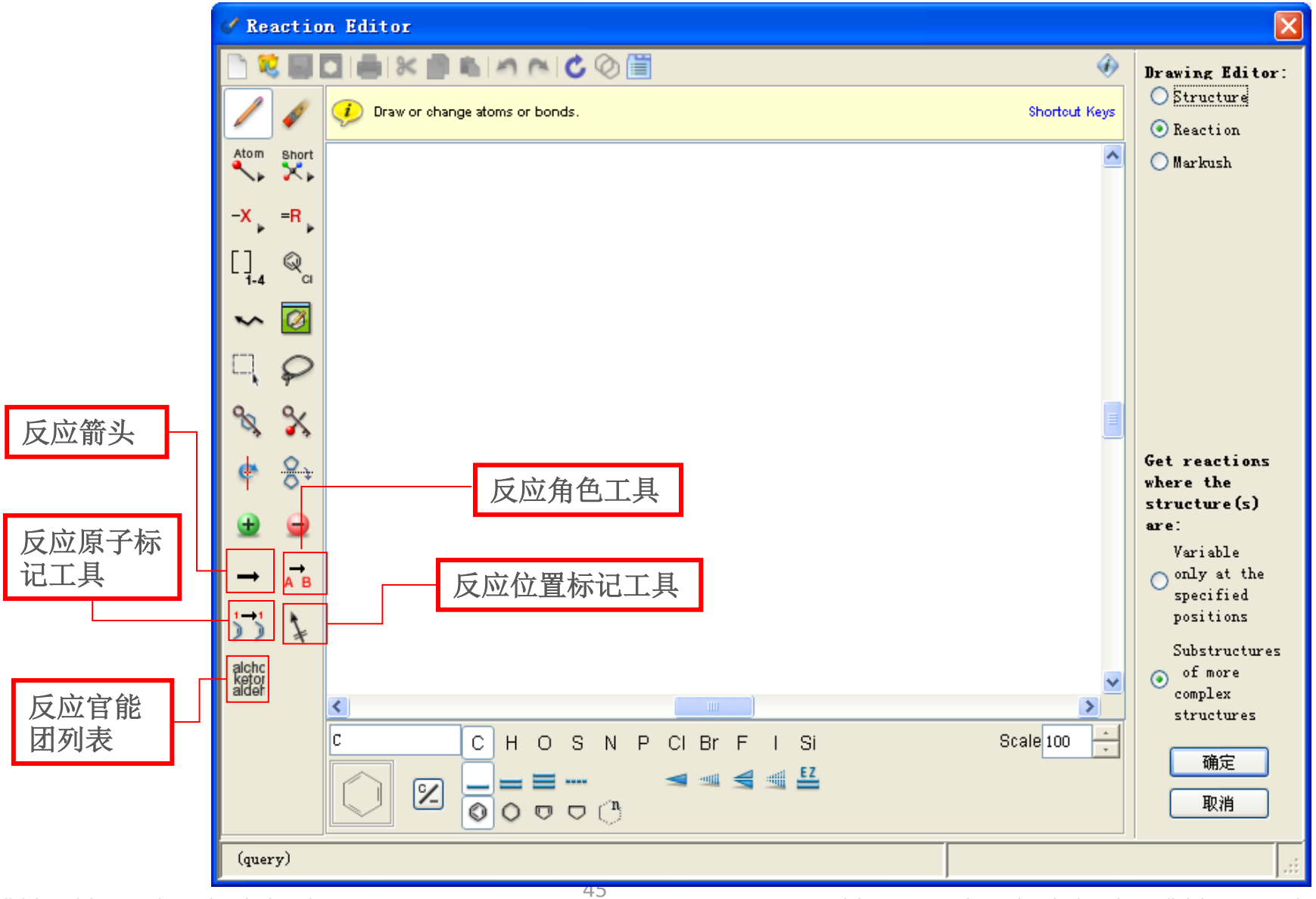
- 介绍
  - SciFinder Web中的内容
- **SciFinder Web中的检索和后处理**
  - SciFinder Web中的文献记录及主题检索
  - SciFinder Web中的物质结果及物质检索方法
  - SciFinder Web中的反应记录及反应检索
- **SciFinder Web的注册和常见问题**

SciFinder Web中的反应记录

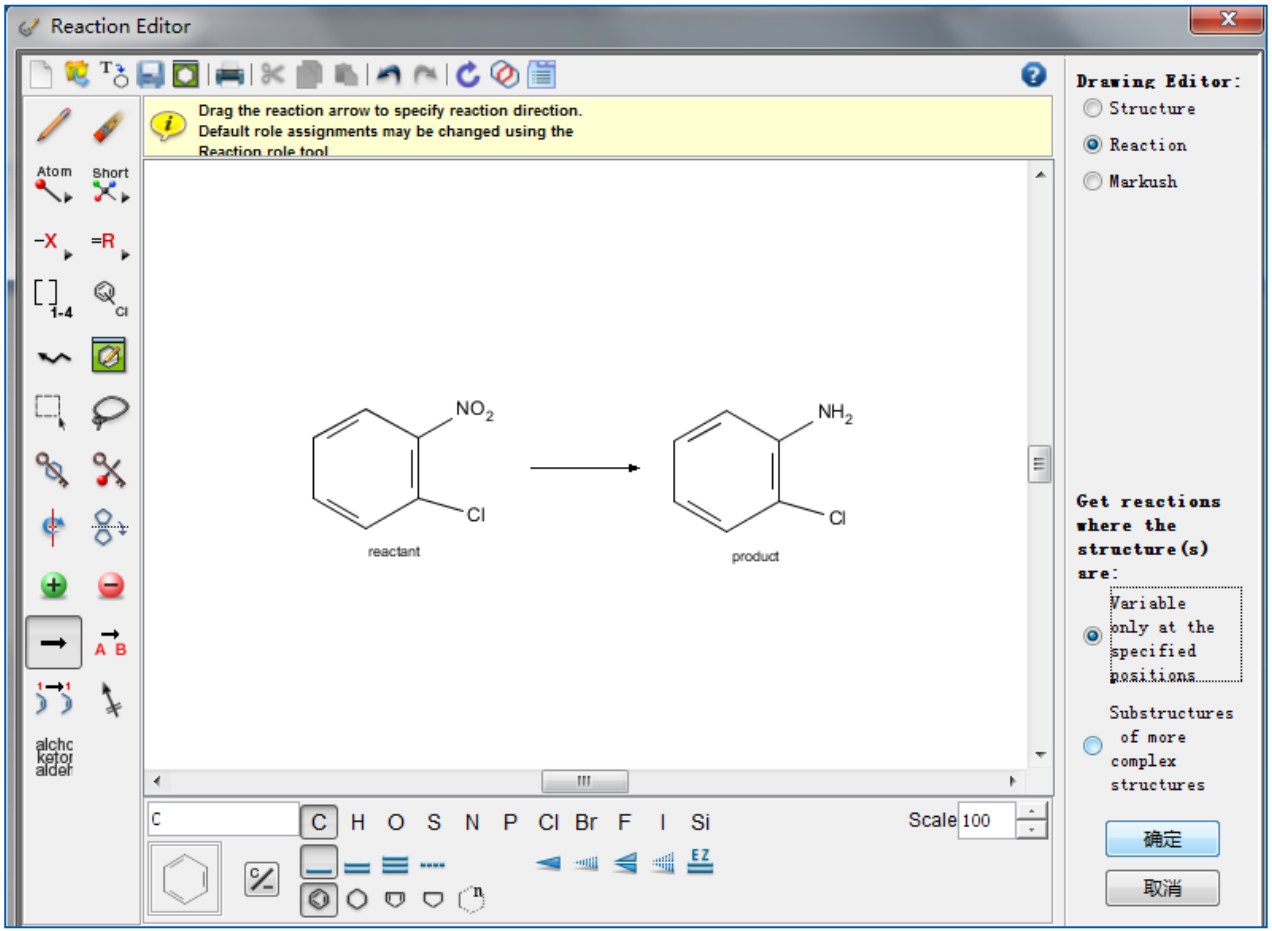


1. 反应分组功能
2. 反应排序功能
3. 反应后处理功能
4. 反应全景及实验过程
5. SciPlanner

SciFinder中的反应定义工具



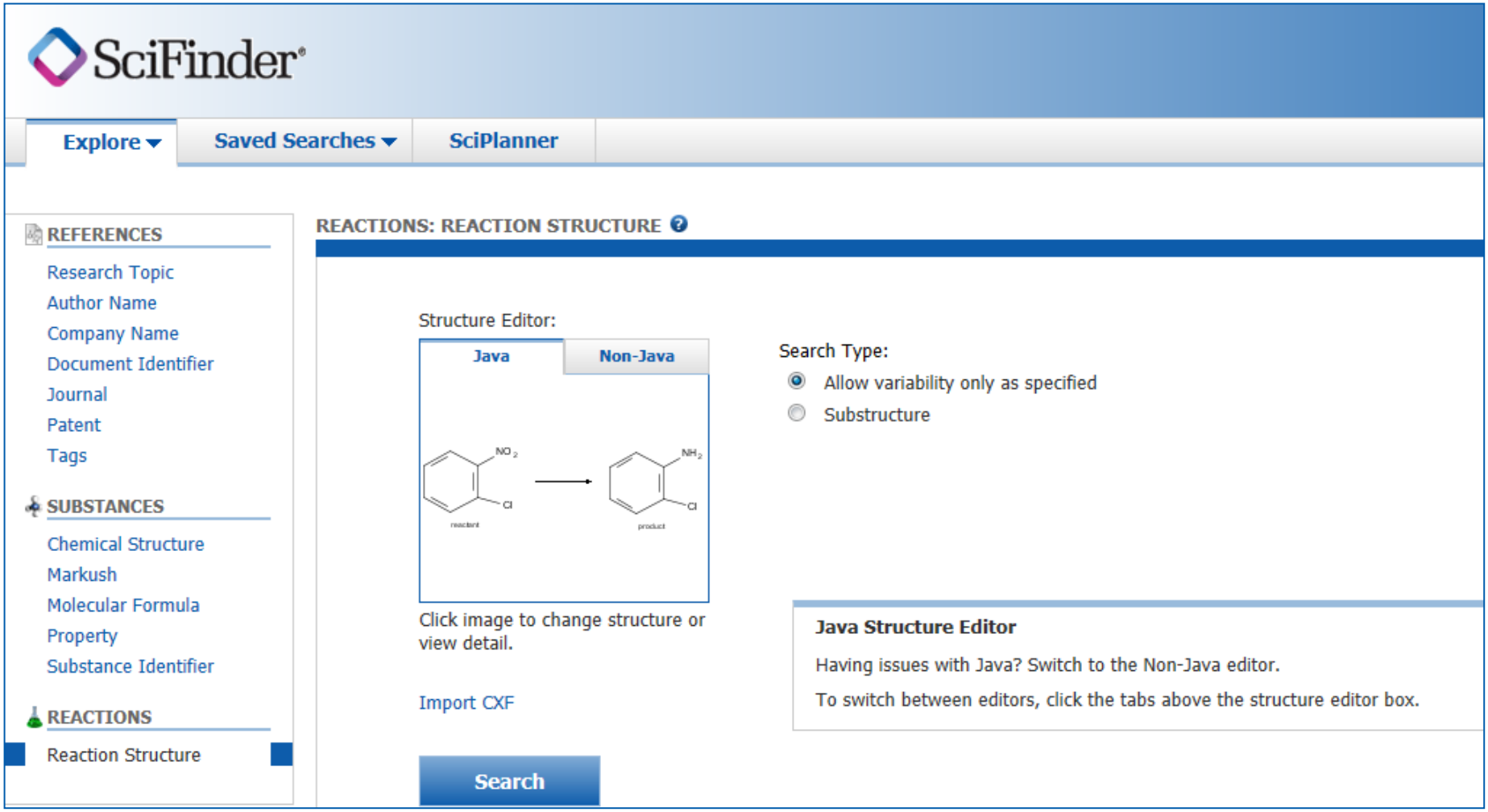
SciFinder反应检索



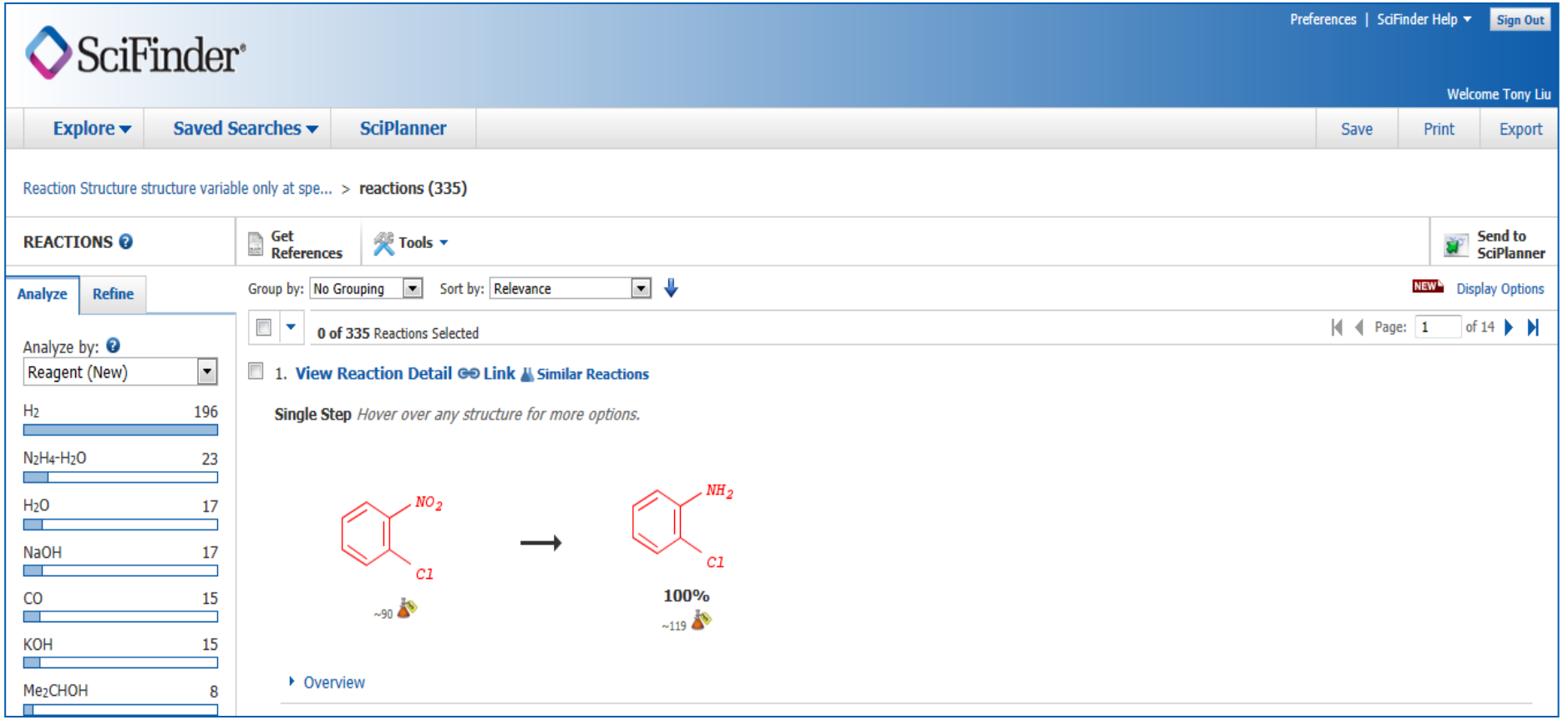
Allow variability only as specified: 仅在特定位点发生变化

Substructure:亚结构检索，允许有更多取代情况

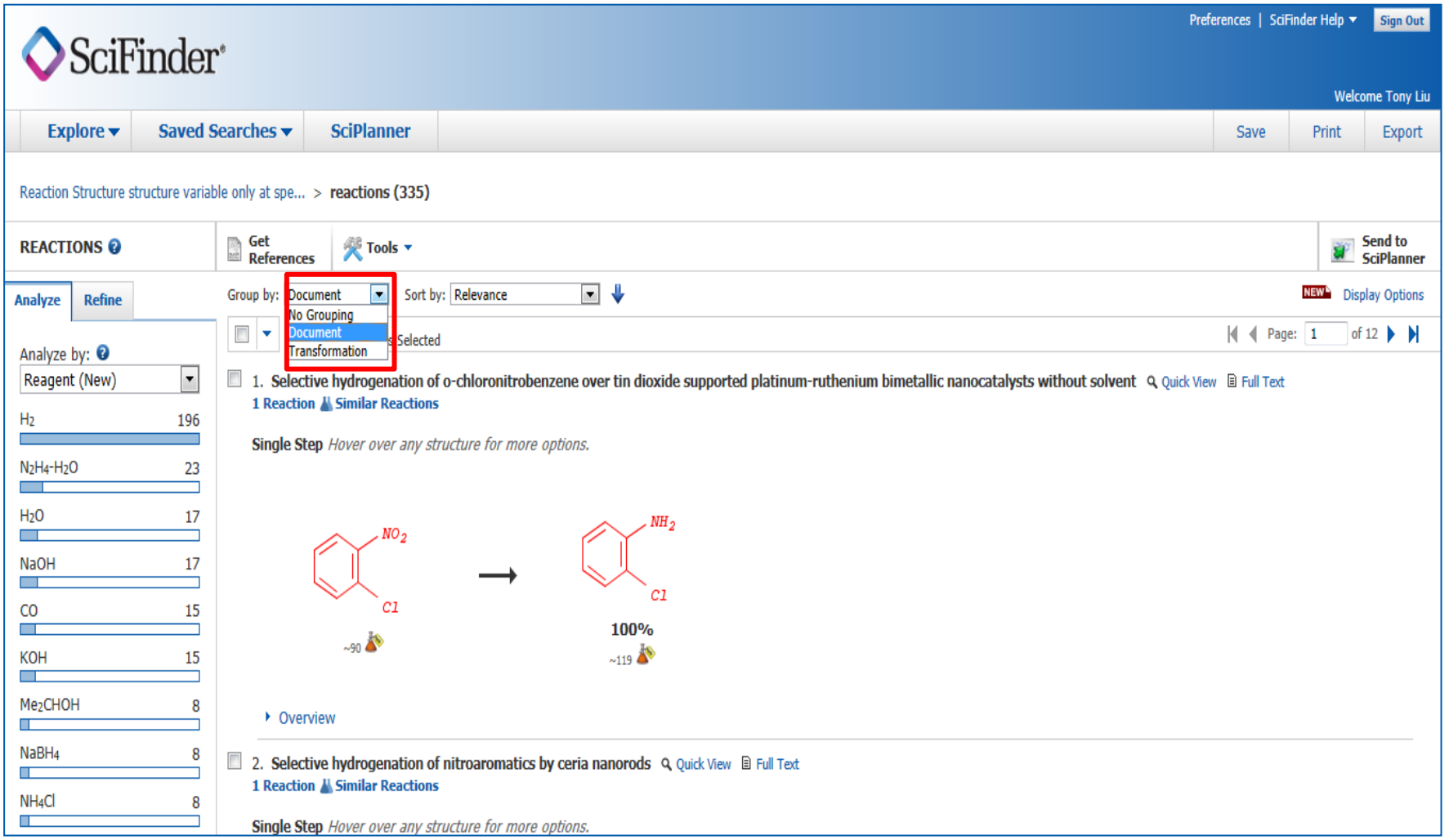
反应检索界面



精确反应检索结果

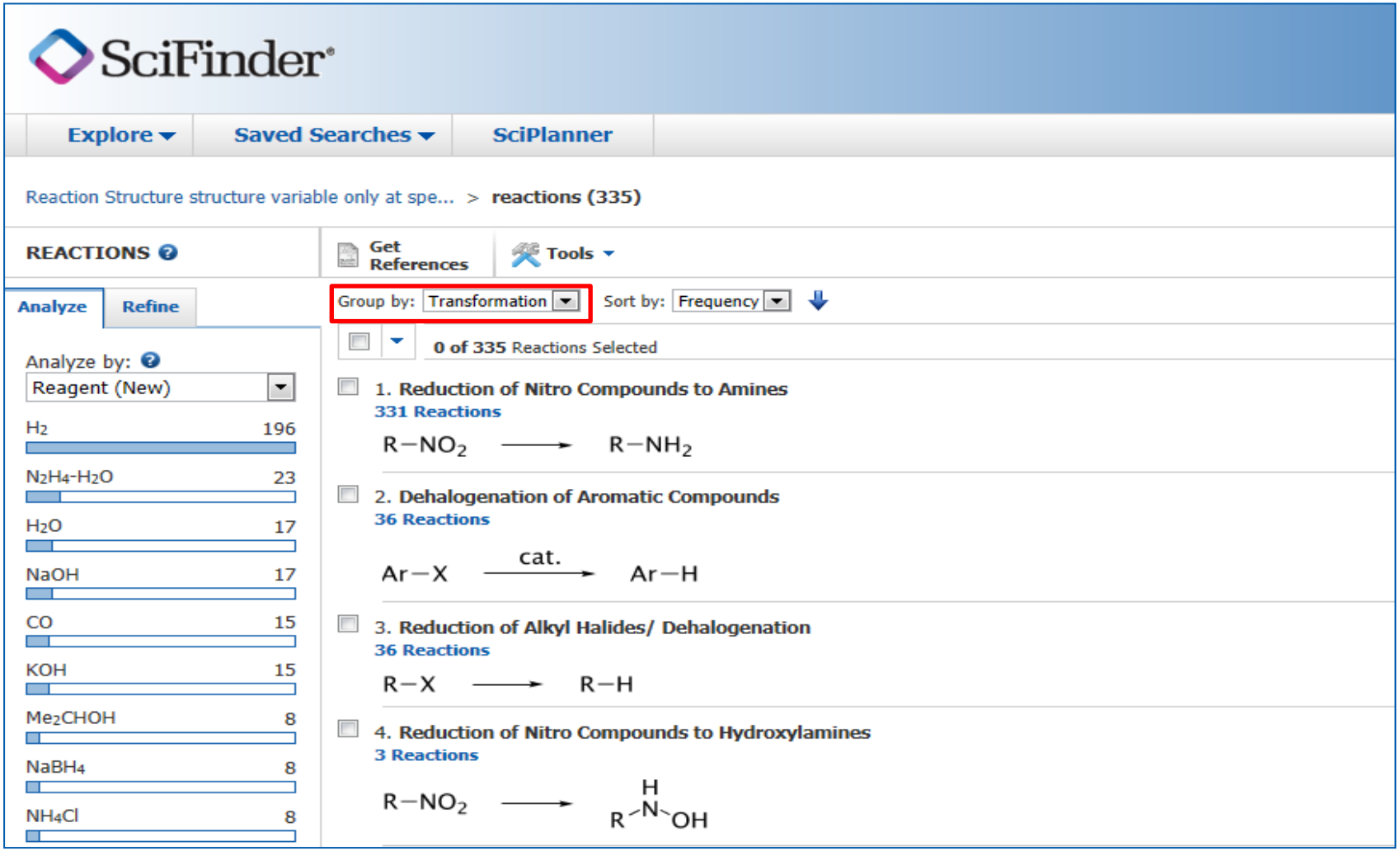


Group by Document 按照出处文献分类显示



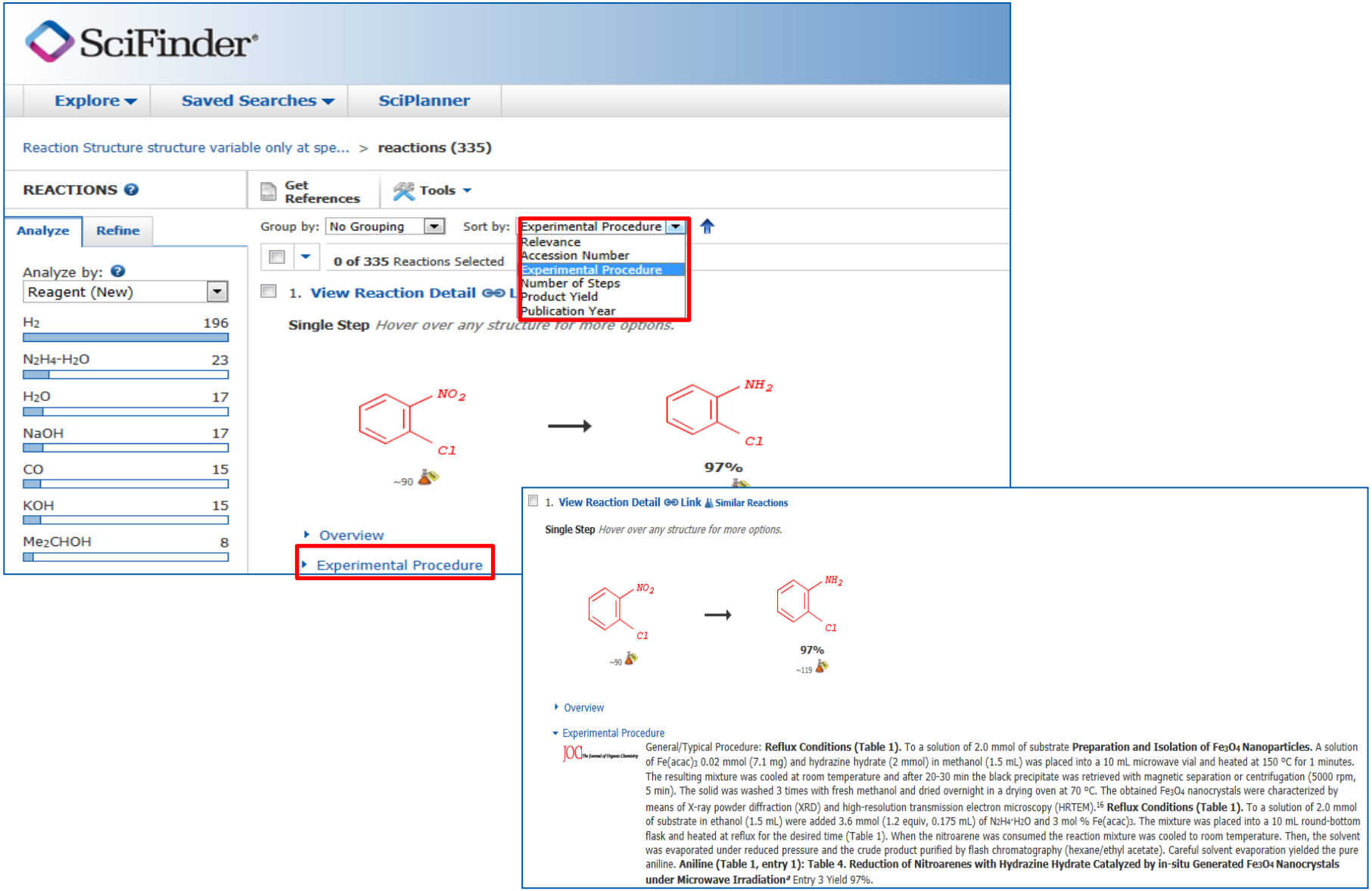
来自同一篇文献的反应都被整合到一起并集中显示

Group by Transformation 按照反应类型分类显示

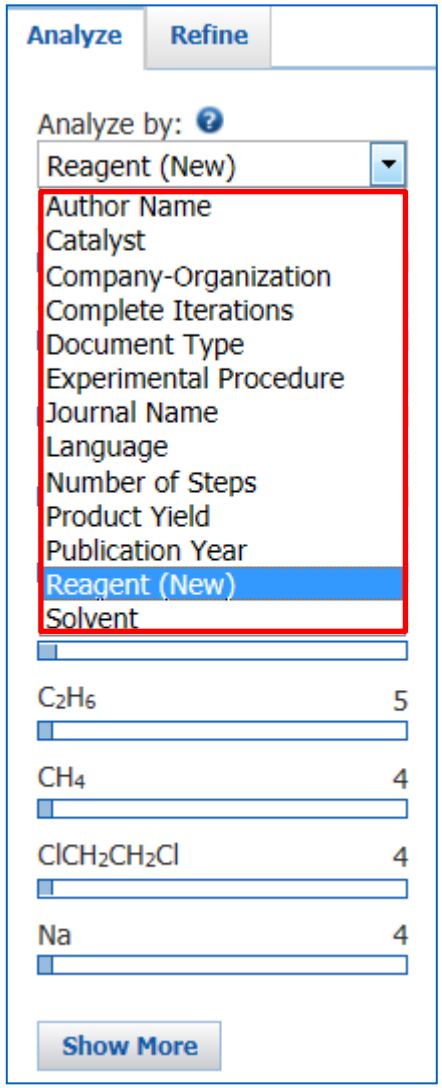


同一类反应被整合到一起并以通式结构集中显示；
仅适用于单步反应，未被分类的反应显示在结果集最后

获得有实验步骤的反应结果集



反应结果集的分析限定工具

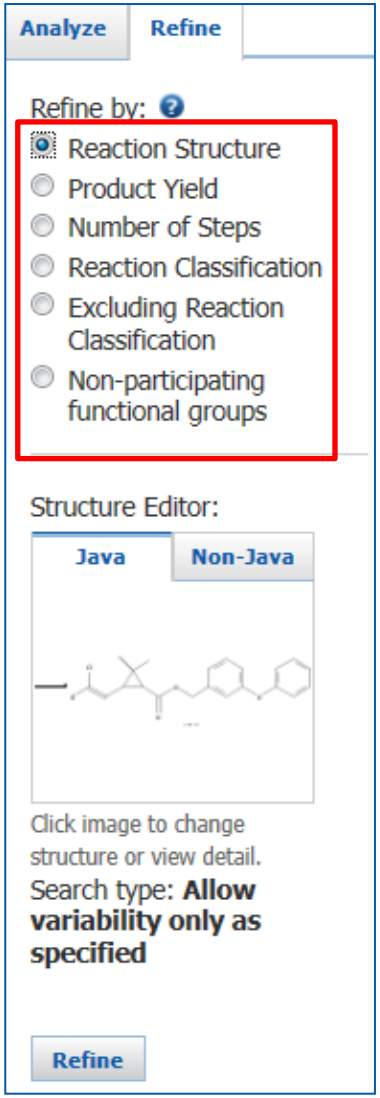


反应分析类型：

作者姓名	出版语言
催化剂	出版年代
机构名称	反应步数
文献类型	产率
期刊名称	试剂
实验步骤	溶剂

反应的限定功能：

反应式
产率
反应步数
反应类型
排除的反应类型
不参与反应的基团



提纲

- 介绍
  - SciFinder Web中的内容
- **SciFinder Web中的检索和后处理**
  - SciFinder Web中的文献记录及主题检索
  - SciFinder Web中的物质结果及物质检索方法
  - SciFinder Web中的反应记录及反应检索
- **SciFinder Web的注册和常见问题**

SciFinder Web的注册和登陆

SciFinder Web的系统要求

Windows用户支持IE 9.x或者FireFox 2.x

Mac 用户支持 Firefox 和 Safari

Java 安装（初次使用结构时自动安装，建议安装Java 7）

在图书馆相关页面上找到SciFinder Web注册用的网址

登陆图书馆主页

Oxford University Press	牛津大学出版社电子期刊	说明
PAO - Periodicals Archive Online	典藏学术期刊全文数据库	说明
PNAS	美国国家科学院院刊	说明
ProQuest - Health & Medical Complete	ProQuest保健、医学与药学数据库	说明
ProQuest博硕士论文数据库	国外高校学位论文全文数据库	说明
ProQuest检索平台	ProQuest检索平台（包含ABI/PHMC/美国报纸全文库等）	说明
PubMed	美国国立医学图书馆国家生物技术信息中心开发研制的基于Web的网上医学文献检索系统	说明
RSC - Royal Society of Chemistry	英国皇家化学学会RSC电子期刊	说明
SAE	美国汽车工程师协会电子期刊	说明
SAGE 过刊全文数据库	SAGE出版的381种学术期刊回溯全文，收录期刊的第1卷第1期至1998年	说明
Science Online	科学在线	说明
SciFinder Scholar	CA化学文摘	说明
SIAM	美国工业和应用数学学会电子期刊 - Locus过刊全文数据库	说明
SpecialSciDBS国道外文专题数据库	外文国外专题数据库（全文、综合性数据库）	说明
Springer-Link	Springer 出版社电子期刊	说明
Taylor & Francis	Taylor & Francis 电子期刊	说明

图书管的介绍页面

SciFinder Scholar

引进状态： 已引进　　**更新日期：** 2013-3-5　　**年限范围：**

文献类型： 全文数据库

学科分类： 数学/物理/化学

访问入口

1、新用户账号注册入口：

SciFinder网络版入口　（适用于WIN7，7个并发用户，注册方法　SciFinder Web新功能）

2、已有账号用户访问入口：

http://scifinder.cas.org

https://origin-scifinder.cas.org

附：SciFinder离线结构编辑器使用说明.doc　SciFinder离线结构编辑器下载

客户端版SciFinder目前已经停止服务！

请使用客户端版的读者按说明改用网络版。

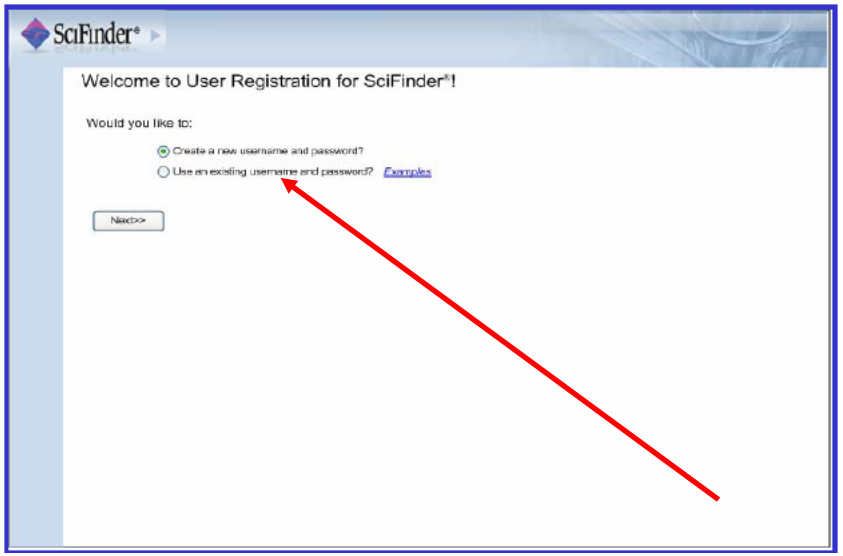
简要介绍： SciFinder是关于化学及相关学科（包括生物医学、工程、材料、农业等）研究的重要信息来源。用户通过 SciFinder 可以同时检索美国化学文摘社（CAS）的多个数据库和MEDLINE数据库。SciFinder 提供多种检索途径和有效分析工具。

SciFinder Scholar可检索数据库介绍：

1. CAPLUS

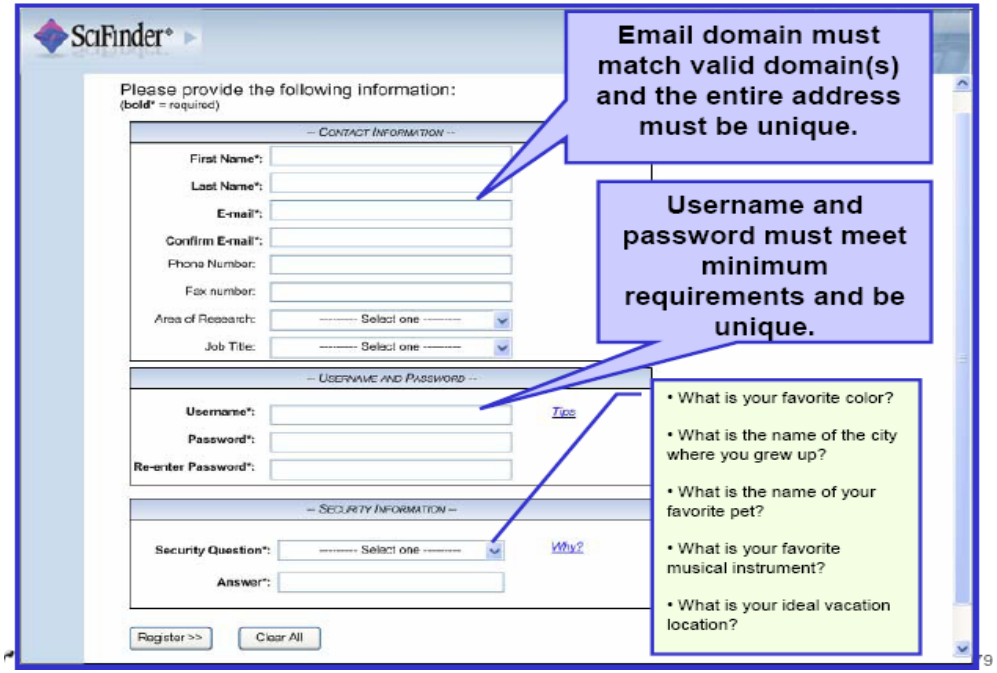
目前有化学及相关学科的文献记录2千7百多万条，包括1907年以来的源自1万多种期刊论文（以及4万多篇1907年之前的回溯论文）、

点击URL创建SciFinder Web账号



开始创建SciFinder Web帐号

请用邮箱注册，一人只能注册一个账号



设置用户名及密码注意事项

用户名：

必须是唯一的，且包含 5-15 个字符。它可以只包含字母或字母组合、数字和/或以下特殊字符：

-（破折号）　　_（下划线）

.（句点）　　@（表示“at”的符号）

密码：

必须包含 7-15 个字符，并且至少包含三个以下字符：

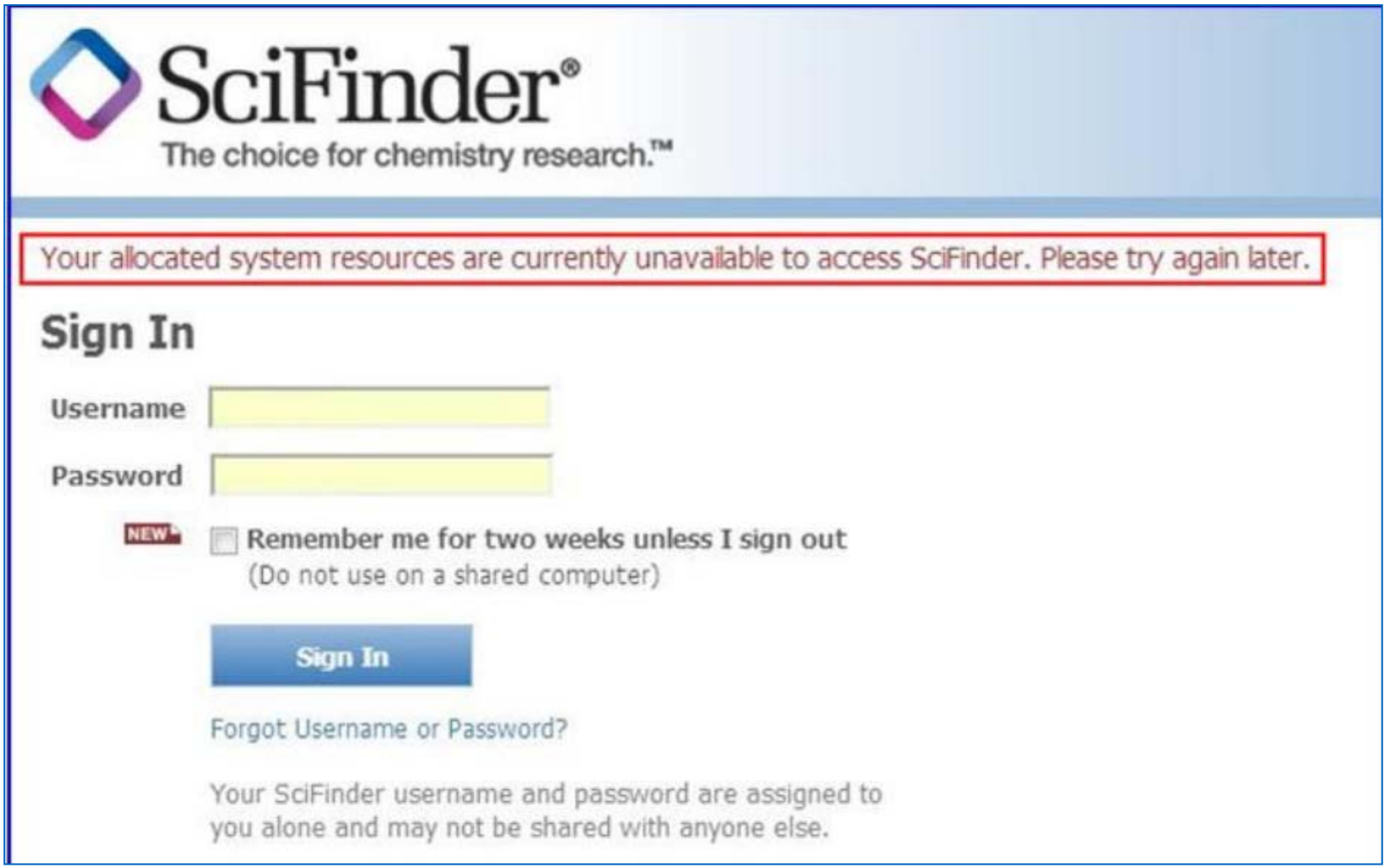
字母	混合的大小写字母
数字	非字母数字的字符（例如 @、#、%、&、*）

密码设置小技巧：
1：不要和账号中有重复的字符
2：密码格式最好是abc@123

对新ID的Email确认

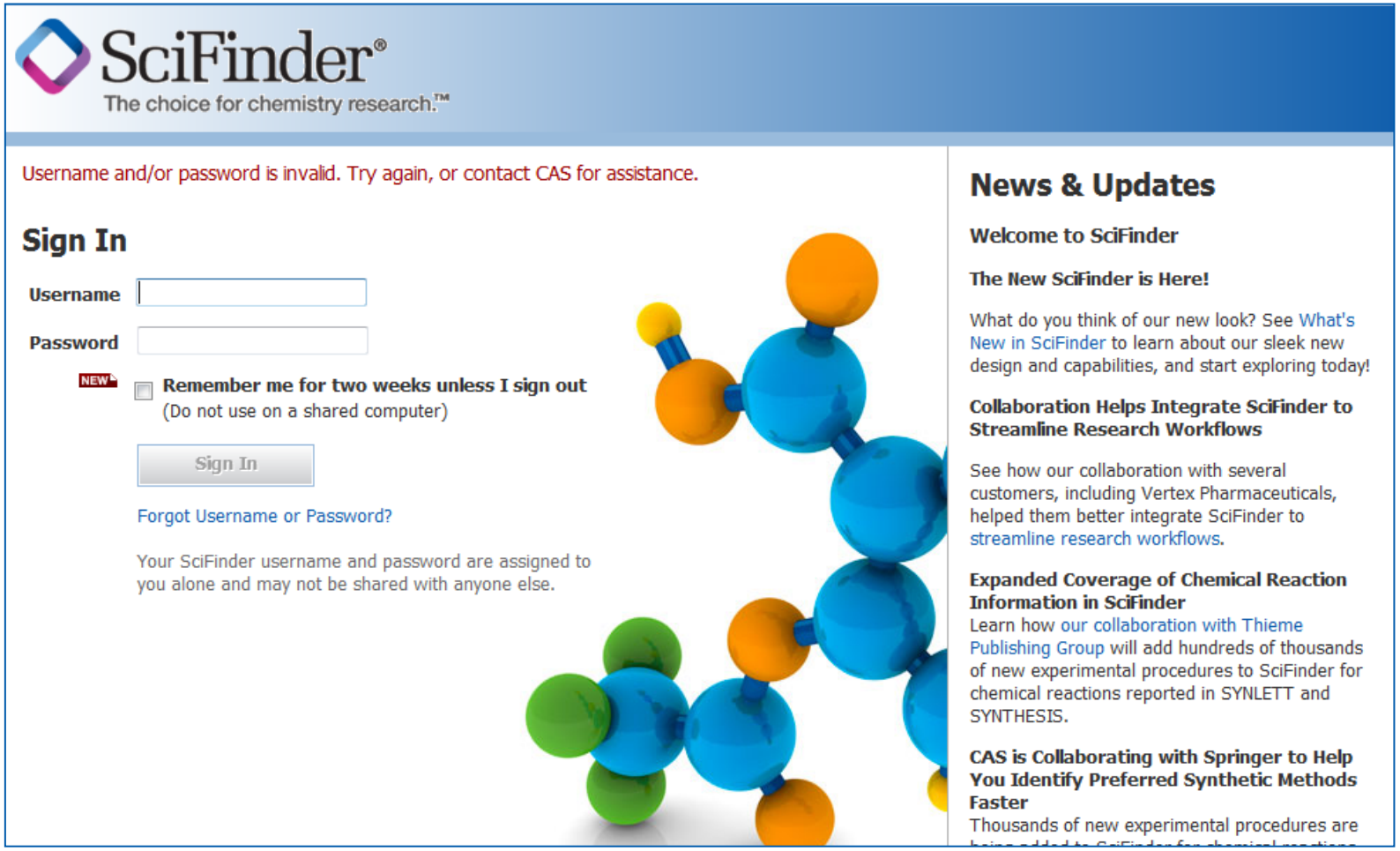
48小时内，需要点击邮件中的确认链接

SciFinder Web 常见问题



并发用户数已满，请稍后再试

SciFinder Web 常见问题

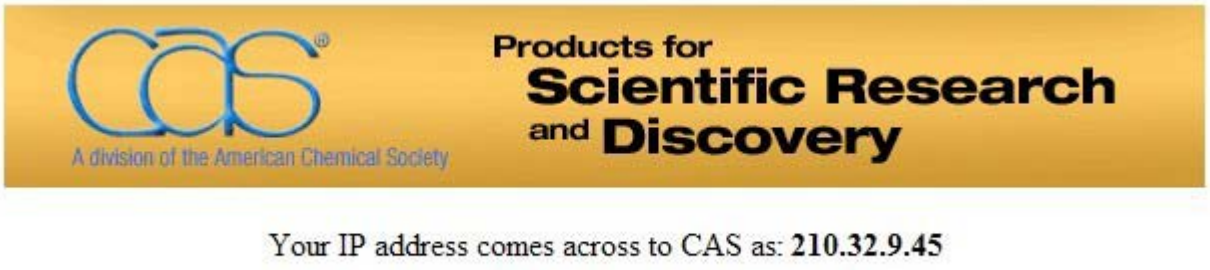


账号或密码错误，请在username处填写，截图，并与图书馆联系

SciFinder Web 常见问题

任何需要反馈给图书馆的问题，都请点击测试IP地址的链接

http://www.cas.org/cgi-bin/casip



将页面截图下来，一并发给图书馆

SciFinder Web网络在线资源平台

www.igroup.com.cn/cas

资源下载：**PDF文件**

在线演示：**Flash演示**

网络培训：不定期的网络专题培训

Comprehensive Content

Sophisticated Analysis

Unprecedented Results

Thank You

刘衍兰
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Mail：tony@igroup.com.cn
QQ答疑群: 275247551