



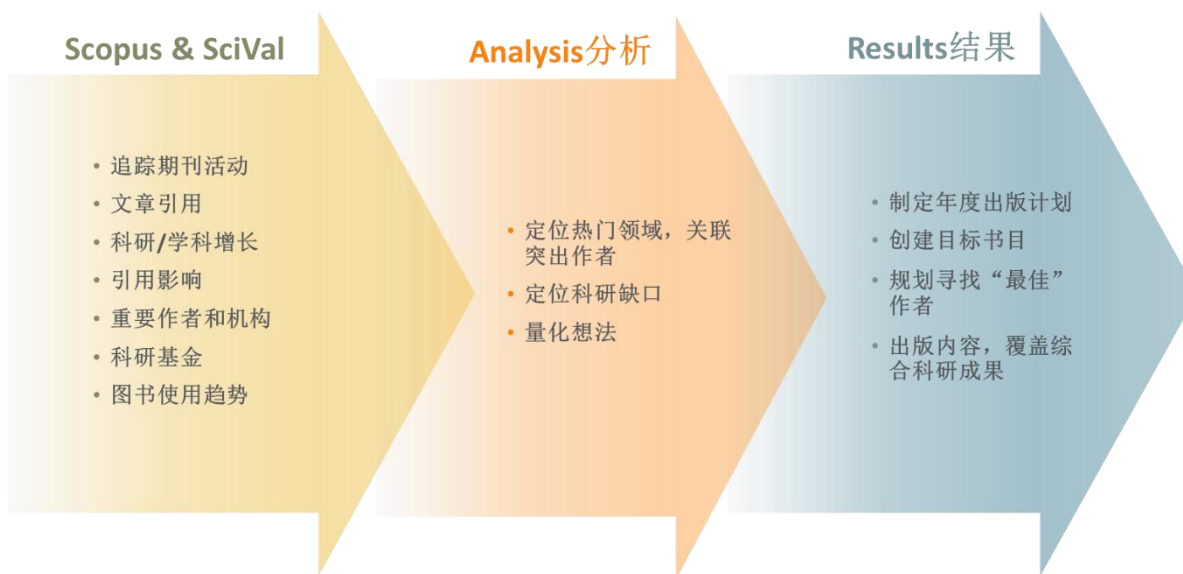
Elsevier ScienceDirect 电子书介绍

访问地址：ScienceDirect 平台 (<http://www.sciencedirect.com/>)

Elsevier 的出版历史可追溯回 1580 年荷兰的 Elzevir 家族。数百年来出版了 200 多位诺贝尔奖得主的著作，包括伽利略、爱因斯坦、弗莱明等。严谨的出版流程与严格的出版程序是图书质量的保证。目前 ScienceDirect 平台上有约 38,000 多本电子图书分布在理工学、医学、生命科学和社会人文科学四大类 24 个学科中，并以每年约 1,500 本的速率持续出版。

爱思唯尔图书出版策略

通过使用数据分析工具，爱思唯尔在自有出版计划之外，定位“最新”“最热”的领域，确保内容的时效性，完美追踪前沿热点。并且利用大数据分析，找寻领域内的“最佳”作者，为读者地带来提供全面、权威、可靠、可发现、容易搜索并获得的高质量内容。



图书内容的认可度



在 2019 年最新发布的图书引证报告中，爱思唯尔的书均被引量达到 33 次，远高于平均水平。

表：国会分类下各出版社的图书引用

Main Publisher	近3年被引量（次）	被引图书（种）	书均被引（次）	近3年被引量（次）
Publisher A	381329	21254	18	870755
Publisher B	341879	10739	32	986474
Publisher C	275792	21315	13	744359
Publisher D	274433	9940	28	800878
Elsevier	232672	7051	33	627878
Publisher E	150089	6366	24	516587
Publisher F	91552	2577	36	348565
Publisher G	39529	1543	26	130854
Publisher H	33587	1953	17	95669
Publisher I	30756	1941	16	74279
Publisher J	28591	1178	24	96392
Publisher K	18661	1186	16	58864
Publisher L	18408	4792	4	40696
Publisher M	15085	1501	10	42718

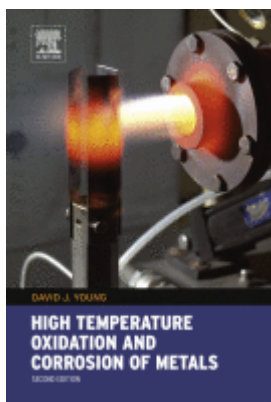
来源：上海交通大学报告 Scopus, 2019.04

从学科角度看，爱思唯尔化工，能源，材料三个学科的书均被引用量远高于平均值，也证明的爱思唯尔在这三个学科上的定位。

新二级类目	出版社	种数	近三年引用 量	总引用量	书均被引
Engineering (general) & civil engineering	Elsevier	499	17656	45257	90.69539
Chemical technology	Elsevier	440	17261	37747	85.78864
Materials science	Elsevier	211	9526	20505	97.18009

来源：上海交通大学报告 Scopus, 2019.04

高被引图书举例

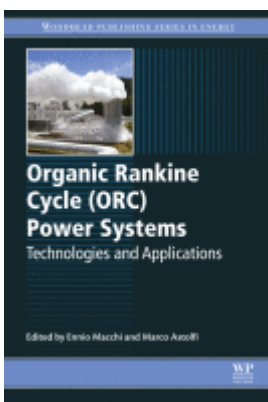


High Temperature Oxidation and Corrosion of Metals

David J. Young

2016

简介：本书为高温合金氧化的基本机理提供了高层次的介绍。它使用这种介绍来开发预测氧化速率的方法，以及它们随温度、气体化学和合金组成变化的方式。

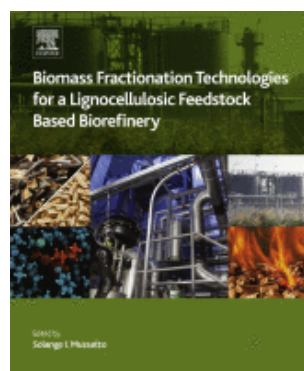


Organic Rankine Cycle (ORC) Power Systems

Ennio Macchi and Marco Astolfi

2017

简介：提供了有机朗肯循环技术的系统和详细的描述，以及它们对成本效益高的可持续能源生产越来越感兴趣的方式。常用的应用包括生物质热电联产、地热库发电和太阳能集中发电装置，以及燃气轮机、内燃机和中低温工业过程的余热回收。



Biomass Fractionation Technologies for a Lignocellulosic Feedstock Based Biorefinery

Solange I. Mussatto

2016

简介：本书回顾了生物精炼领域的广泛研究和巨大的科学技术发展，包括使用“绿色技术”（通常称为白色生物技术）的工业过程和产品开发。本书介绍了与生物量分馏相关的最重要的主题，包括进展、挑战和前景，所有这些都参考了当前的文献以供进一步研究。

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学、计算机科学、免疫学与微生物学、生物化学/遗传学/分子生物学、生物医学与医学、社会科学、经济与金融等 19 个学科。这些图书都是由爱思唯尔知名出版品牌如 Academic Press、Butterworth-Heinemann、Morgan Kaufmann、Elsevier、Pergamon、Woodhead Publishing、William Andrew 等出版，深受行业认可和信赖，为教学和科研，以及学科建设和发展提供权威可靠、高质量的内容资源。通过这些图书可以帮助获取学科和论题可靠地信息资源，并链接到其他相关资源。

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ScienceDirect 平台使用

The screenshot shows the ScienceDirect search results page. On the left, there is a sidebar with search filters: '7,117,077 results', 'Set search alert', 'Refine by:' with sections for 'Years' (2019: 23,873; 2018: 378,429; 2017: 349,707), 'Article type' (Review articles: 163,940; Research articles: 5,148,314; Encyclopedia: 38,037; Book chapters: 314,673), and 'Publication title' (The Lancet: 63,089; Biochemical and Bio Communications: 59,281). The main search results list several articles, with the first one highlighted: 'All boron-based 2D material as anode material in Li-ion batteries' from the Journal of Energy Chemistry, Volume 27, Issue 6, November 2018, Pages 1651-1654. An orange box highlights the article title and authors. A diagram overlay titled '文献类型、特点与使用目的' (Document Types, Characteristics, and Purposes) is positioned over the search results. The diagram has a central orange circle labeled '文献资源' (Literature Resources) connected to four colored circles: '综述' (Review) in blue, '专著' (Monograph) in green, '期刊' (Journal) in orange, and '工具' (Tool) in dark blue. To the right of the diagram is a legend: '综述' (Review) - 弄清楚基本的概念 (Clarify basic concepts); '专著' (Monograph) - 弄清基本的原理、方法 (Understand basic principles and methods); '期刊' (Journal) - 当今研究现状及要解决的问题 (Current research status and problems to be solved); '工具' (Tool) - 文摘库, 分析工具, 专业工具 (Abstracts, analysis tools, professional tools).

使用关键词检索之后，期刊与图书会同时以相关度的排序呈现在搜索结果中。在左侧的工具栏中，可以限定筛选条件精确查找。

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Author(s) **限定作者** Author affiliation **限定机构**

Title, abstract or keywords **在标题、文摘、关键词中检索**

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Article types

<input type="checkbox"/> Review articles	<input type="checkbox"/> Correspondence	<input type="checkbox"/> Patent reports
<input type="checkbox"/> Research articles	<input type="checkbox"/> Data articles	<input type="checkbox"/> Practice guidelines
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<input type="checkbox"/> Conference abstracts	<input type="checkbox"/> Errata	<input type="checkbox"/> Short communications
<input type="checkbox"/> Book reviews	<input type="checkbox"/> Examinations	<input type="checkbox"/> Software publications
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在高级检索中，可以限定刊名/书名、年份、作者、机构或领域等等来搜索最想要的文献内容。

全文文献的阅读与下载



The screenshot shows a ScienceDirect article page for "Optical image processing using photonic crystal slab" by Cheng Qiao et al. The page is annotated with several orange callout boxes:

- Download PDF**: Located at the top left of the article header.
- 下载全文**: Located at the top center of the article header.
- 推荐阅读**: Located at the top right of the article header.
- 阅读全文**: Located at the bottom right of the article header.
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The article content includes an outline, abstract, keywords, and a list of recommended articles.

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ScienceDirect主题页

Cognitive, Behavioral, and Systems Neuroscience

A sex comparison of the anatomy and function of the main olfactory bulb–medial amygdala projection in mice

N. Kang^a, E.A. McCarthy^a, J.A. Cherry^b, M.J. Baum^a  

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<http://dx.doi.org/10.1016/j.neuroscience.2010.11.003>

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Abstract

We previously reported that some main olfactory bulb (MOB) mitral/tufted (M/T) cells send a direct projection to the “vomeronasal amygdala” in female mice and selectively respond to volatile male mouse urinary odors. We asked whether MOB M/T cells that project to the vomeronasal amygdala exist in male mice and whether there is a sexually dimorphic response of these neurons to volatile male urinary pheromones. Gonadectomized male and female mice received bilateral injections of the retrograde

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Autism

1

Autism (or autistic disorder) is a pervasive developmental disorder which is part of the autism spectrum disorders (ASDs) characterized by severe deficits and pervasive impairment in multiple areas of development including impairment in reciprocal social interaction, impaired communication, and the presence of stereotyped behaviors, interests, and activities (APA, 2000)

From: *Omega-3 Fatty Acids in Brain and Neurological Health*, 2014

Related terms:

2

Syndrome, Schizophrenia, Symptom, Intellectual Impairment, Heart Atrium Septum Defect, Epilepsy, Human

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3

Autism

Martha R. Herbert MD, PhD, in *Neurobiology of Disease*, 2007

I. Brief History and Nomenclature

Autism was first described by Leo Kanner in 1943 in a group of 11 children. Kanner noted that children tended to be aloof and to have odd behavior but a good rote memory and skill with objects; he also noted oversensitivity to stimuli and either mutism or language that did not have communicative intent and observed that some of the children had large heads. The term *autism* had been coined early in

Autisms

A.M. Persico, in *Neural Circuit Development and Function in the Brain*, 2013

Autism is a complex behavioral disorder with onset during early childhood and typically a life-long course. It is characterized by deficits in communication and social interaction, as well as by stereotypic behaviors and restricted patterns of interest. Its incidence has dramatically risen during the last two decades from 2-5/10,000 to approximately 1-2/1,000 children. The most consistently recognized