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2020



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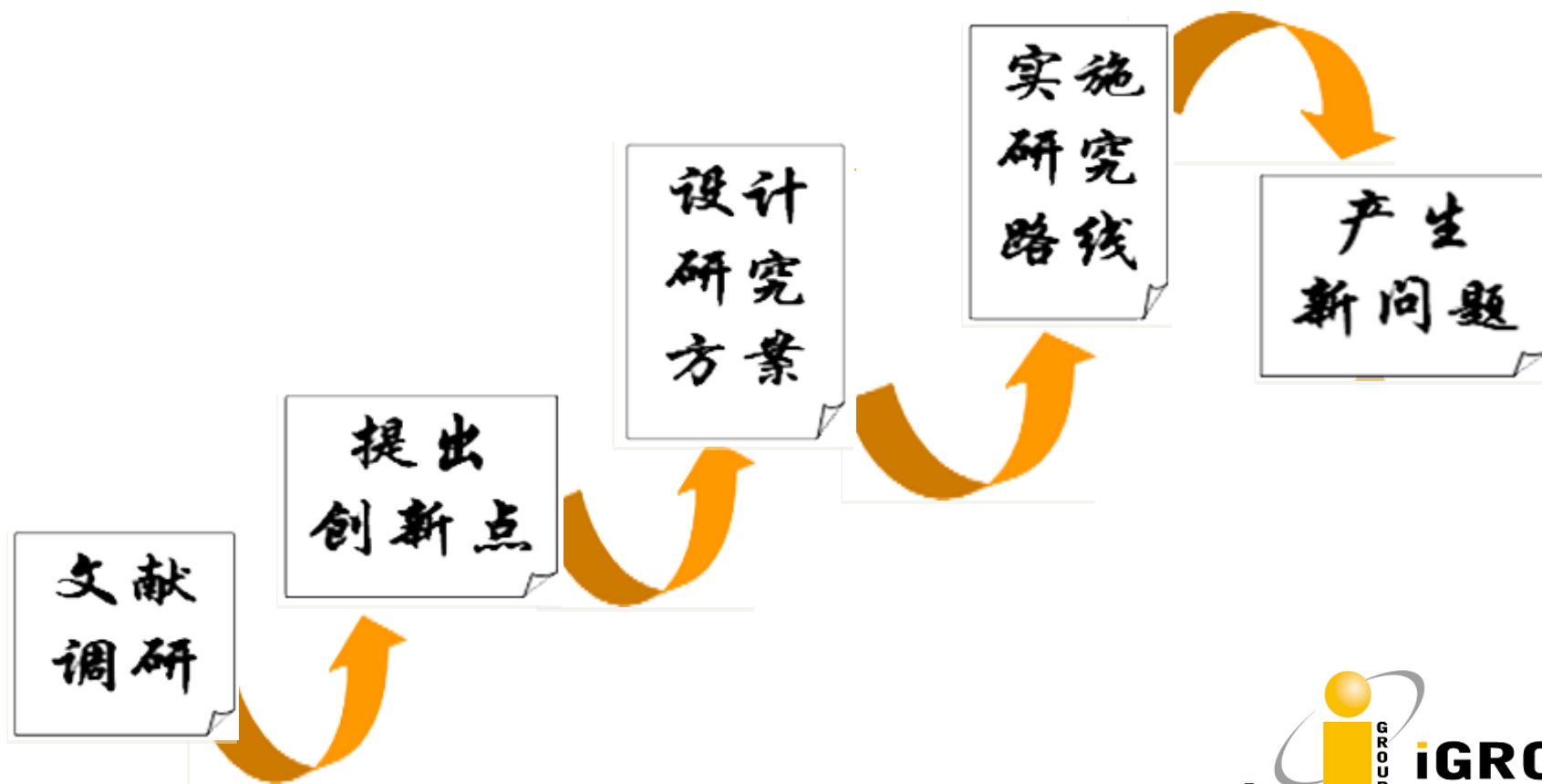
- 文献在科研过程中的重要作用
- 综述文献 (Review Article)
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- Annual Reviews全文数据库的使用方法
 - 浏览
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- 记录有知识的一切载体

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文献-科研的基础



文献的类型

1 一次文献- primary document

作者以**本人研究成果为基本素材**而创作或撰写的文献, 不管创作时是否参考或引用了他人的著作, 也不管该文献以何种物质形式出现, 均属一次文献。大部分期刊上发表的文章和在科技会议上发表的论文均属一次文献。

2 二次文献- secondary document

文献工作者**对一次文献进行加工**、提炼和压缩之后的产物, 以及为了便于管理和利用一次文献而编辑、出版和累积起来的工具性文献。比如**文摘、索引, 检索工具……**

3 三次文献- tertiary document

对有关的一次文献和二次文献进行**广泛深入的分析研究**综合概括而成的产物。如**综述、述评、百科全书、辞典等**。

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钢筋骨架：
二次文献

如何让文献支撑你起的科研

地基出了问题.....



综述文献……

- 三次文献, 科研文献
- 对到目前为止的、与某一科研领域相关的各种文献进行**系统查阅、综合分析**而写成的一种学术论文;
- 反映某一领域的**新水平、新动态、新技术和新发现**。从其历史到现状, 存在问题以及发展趋势等, 都要进行全面的介绍和评论;
- 通往专题研究的桥梁, **优先**于一次文献。

综述文献的作用……

- 已对某一科学领域进行全面、客观的评述
 - ✚ 提供这一学科系统的、周期性的最新研究状况，不仅总结，还找出错误来引起讨论，形成新的研究；
 - ✚ 已经找到了这一领域最重要的文献，这比任何搜索引擎更有效。
 - ✚ 从综述文献开始，是科研的最高起点……



综述文献如何产生

- 各领域杰出的专家对某一领域大量的、快速增长的研究资料进行严格地评论、总结和筛选而成。
- 益处：指引研究人员进入最重要的文献，节省时间和精力。

Annual Reviews出版社

- 成立于1932年，是一个提供高度概括、实用信息的非赢利组织，专注于出版权威综述性期刊；
- 1932年出版了第一本杂志：*Annual Review of Biochemistry*；
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- 51本权威综述期刊，涉及生物学、医学、物理学、农学和社会科学等多个学科领域(有交叉):
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		5.200	1	Agriculture, Dairy, and Animal Sciences
		5.200	1	Veterinary Science

数据来源: 2019 JCR

Annual Reviews 诺奖获得者

- 2017年诺贝尔化学奖的获得者Jacques Dubochet, Joachim Frank以及Richard Henderson分别在ARs发表文章;
- 2017年诺贝尔医学奖获得者 Michael W. Young, Michael Rosbash 以及 Jeffrey C. Hall分别在ARs上发表过文章;
- 2017年诺贝尔物理学奖的获得者Rainer Weiss 以及 Kip S. Thorne在ARs上发表文章;
- 2016年诺贝尔化学奖的获得者 Dr. Feringa曾在ARs上发表文章;
- 2016年诺贝尔医学奖获得者Yoshinori Ohsumi也曾在ARs上发表文章;

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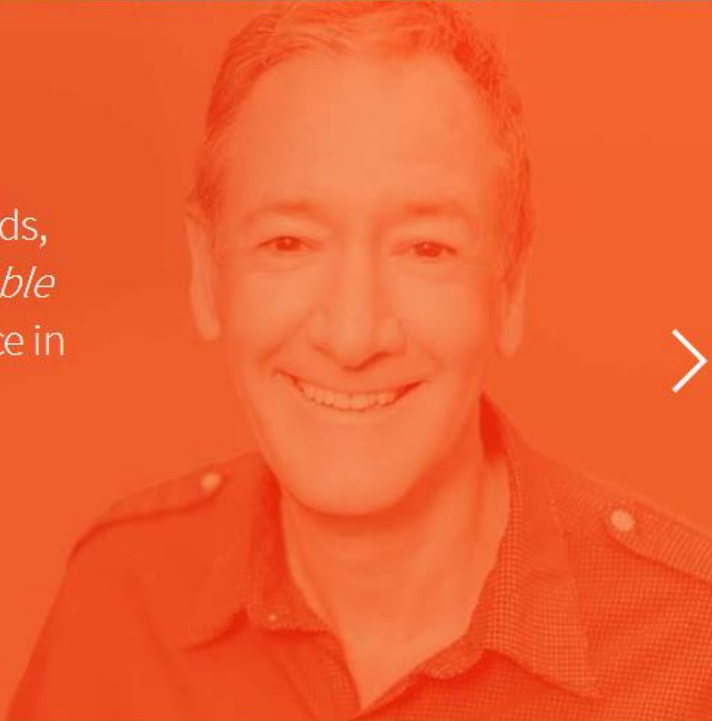


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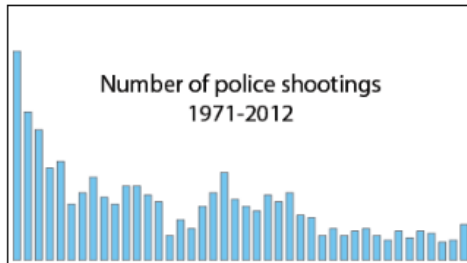
Annual Reviews articles synthesize findings from individual studies into something larger, articulating where a field stands, what is controversial, and what the future may hold. *Knowable Magazine* will help share these insights with a wider audience in more approachable ways.

Richard Gallagher
CEO and Editor-in-Chief

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新闻资讯

News Updates



Learning from History to Lower U.S. Police Shootings

Training Stops Police from Defaulting to Weapon Use

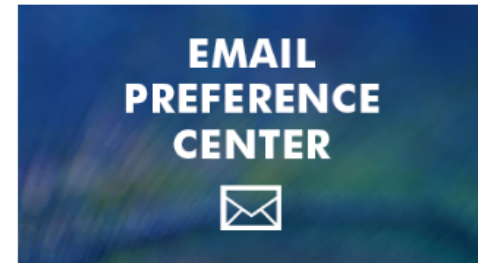
The Washington Post cited our article “Reducing Fatal Police Shootings as System Crashes: Research, Theory, and Practice” from our first volume of the *Annual Review of Criminology*, and interviewed its author Lawrence W. Sherman, of the University of Cambridge and the University of Maryland, whose work has shown that it is possible to



The Hidden Damage of Solitary Confinement

New from *Knowable Magazine*

Many experts and human rights advocates oppose solitary confinement, citing a growing body of research that has revealed its [pernicious impacts on mental health](#). *Knowable Magazine* talks with social psychologist Craig Haney about how the practice is used and its persistent effects on people’s minds and behavior. [Read more.](#)



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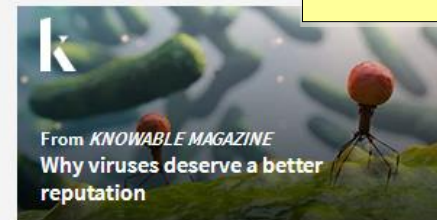
DNA Nanotechnology-Enabled Interfacial Engineering for Biosensor Development

Dekai Ye, Xiaolei Zuo, and Chunhai Fan
Vol. 11, 2018, pp. 171-195

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Voltammetric Perspectives on the Acidity Scale and H^+/H_2 Process in Ionic Liquid Media

Cameron L. Bentley, Alan M. Bond, and Jie Zhang
Vol. 11, 2018, pp. 397-419

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Abstract

Nonhaloaluminate ionic liquids (ILs) have received considerable attention as alternatives to molecular solvents in diverse applications spanning the fields of physical, chemical, and biological science. One important and often overlooked aspect of the ...Read More

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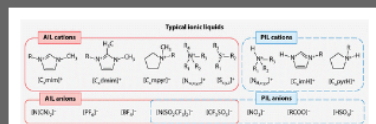


Figure 1: Names, abbreviations, and structures of a range of commonly encountered IL cations and anions. Cations: 1-alkyl-3-methylimidazolium, [C_xmim]⁺; 1-alkyl-2,3-methylimidazolium, [C_xd₂mim]⁺; 1-alk...

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Material for the Twenty-First Century

Samuel J. Cobb, Zoe J. Ayres, and Julie V. Macpherson
Vol. 11, 2018, pp. 463-484

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Molecular farming has grown into an industry for both pharmaceutical and nonpharmaceutical products. Currently the commercially available nonpharmaceutical products outnumber the medical products, "reflecting the shorter development times and lower regulatory burden outside the pharmaceutical industry." This article explores the areas where plant-based manufacturing can make the greatest impact.

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Molecular farming has grown into an industry for both pharmaceutical and nonpharmaceutical products. Currently the commercially available

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Home / Annual Review of Public Health / Volume 39, 2018 / Leider, pp 471-487

How Much Do We Spend? Creating Historical Estimates of Federal Expenditures in the United States at the Federal, State, and Local Levels

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Annual Review of Public Health
Vol. 39:471-487 (Volume publication date April 2018)
First published as a Review in Advance on January 18, 2018
<https://doi.org/10.1146/annurev-publhealth-040617-013455>

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1. APHA (Am. Publ. Health Assoc.). 2015. *Prevention and Public Health Practice*.
Improving Public Health Practice.
Sheet, <https://www.apha.gov/>

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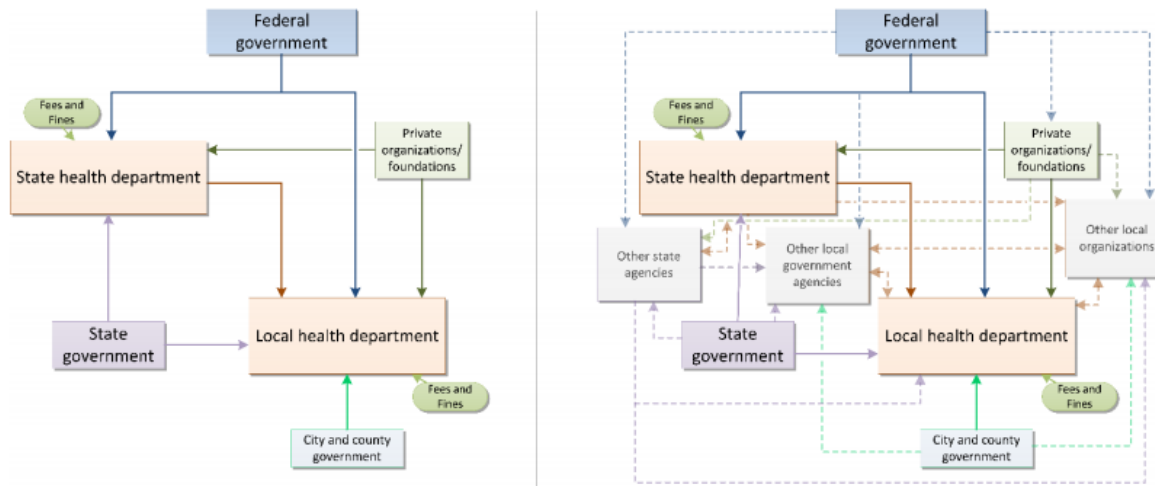
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Supplemental Material: Annu. Rev. Public Health 2018. 39:471–87

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How Much Do We Spend? Creating Historical Estimates of Public Health Expenditures in the United States at the Federal, State, and Local Levels
Leider et al.

Supplemental Figure 1: Structure of funding in the US (parsimonious view vs reality) (300 words or appendix)



LHD Specialty estimates: Bernet's Florida LHD spending database

The Bernet Florida database has highlighted an opportune natural experiment in Florida over the past decade – and perhaps elsewhere in the country. In the late 2000s after the passage of the Affordable Care Act (ACA), the centralized Florida Department of Health decided all of its state

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- ABSTRACT
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- PUBLIC HEALTH SPENDING ESTIMATES
- DISCUSSION
- CONCLUSION: RECONCILING FUNDING WITH MISSION
- DISCLOSURE STATEMENT
- ACKNOWLEDGMENTS
- LITERATURE CITED

文章内容
目录



Abstract

Public health measures had significant success in reducing mortality throughout the twentieth century (2, 28, 77, 95). However, they received nearly as much recognition and resources as the medical profession. In 1988, the Institute of Medicine (IOM) published *The Future of Public Health*, a landmark report on public health that attracted the attention of the United States as "a recognized public health authority." Furthermore, the IOM report was published at the state, and local levels had been published (24). These have been found to be effective (24).

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Keywords

public health finance, public health spending, research

BACKGROUND

Public health measures had significant success in reducing mortality and morbidity

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3. ASTHO (Assoc. State Territ. Health Off.). **2011.** *ASTHO Profile of Health*, Vol. 2. Arlington, VA: ASTHO. http://www.astho.org/uploadedFiles/_Publicati

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4. ASTHO (Assoc. State Territ. Health Off.). **2011.** *Budget cuts continue to affect the health of Americans*. Update, May. ASTHO, Arlington

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5. ASTHO (Assoc. State Territ. Health Off.). **2014.**

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DIABETES CONTROL AND COMPLICATIONS

Crofford, M.D.
Review of Medicine

Vol. 46, 1995

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Management of the Metabolic Syndrome and Type 2 Diabetes Through Lifestyle Modification

Faidon Magkos, Mary Yannakoulia, Jean L. Chan, and Christos S. Mantzoros
Annual Review of Nutrition

Vol. 29, 2009

Preview Abstract - Figures

Glycemic Variability: Assessing Glycemia Differently and the Implications for Dietary Management of Diabetes

Jeannie Tay, Campbell H. Thompson, and Grant D. Brinkworth
Annual Review of Nutrition

Vol. 35, 2015

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By Bob Holmes

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