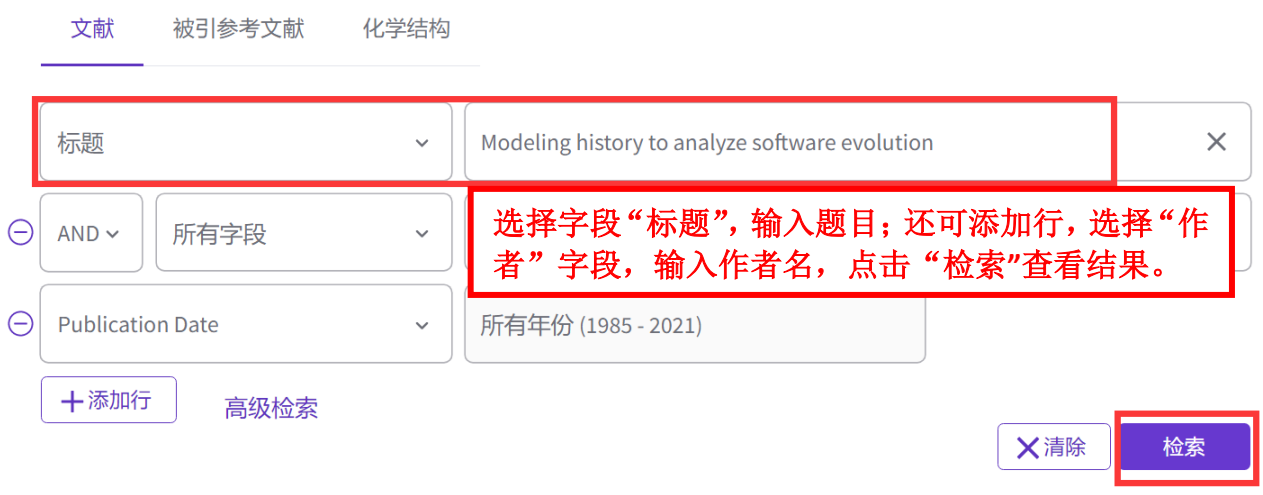
“SSCI 收录检索”打印格式说明

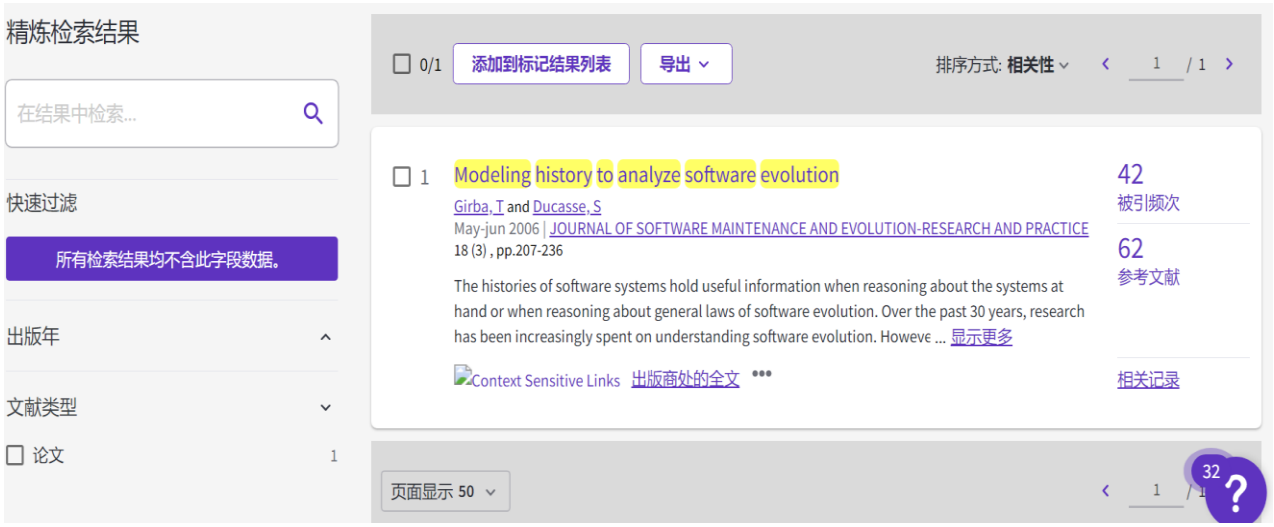
1. 图书馆首页--资源--引进数据库--外文--SSCI 美国社会科学引文索引，点击“SSCI 访问地址”进入 SSCI 数据库。

2. 进入 SSCI 检索页面，语言选择“简体中文”，选择“web of science 核心合集”引文索引（SSCI）-2008-至今。

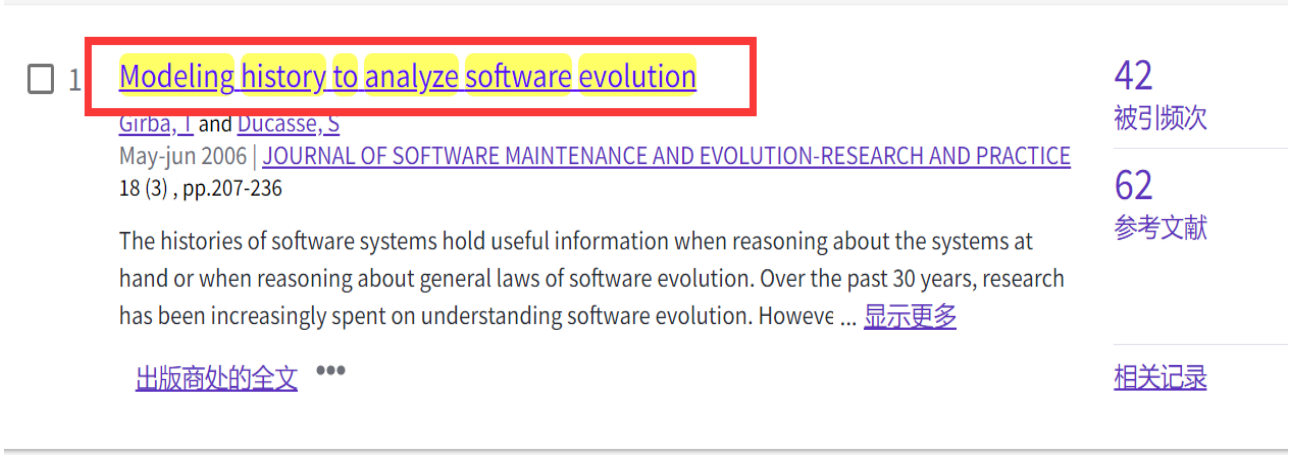
3. 在“文献”页面下进行检索。



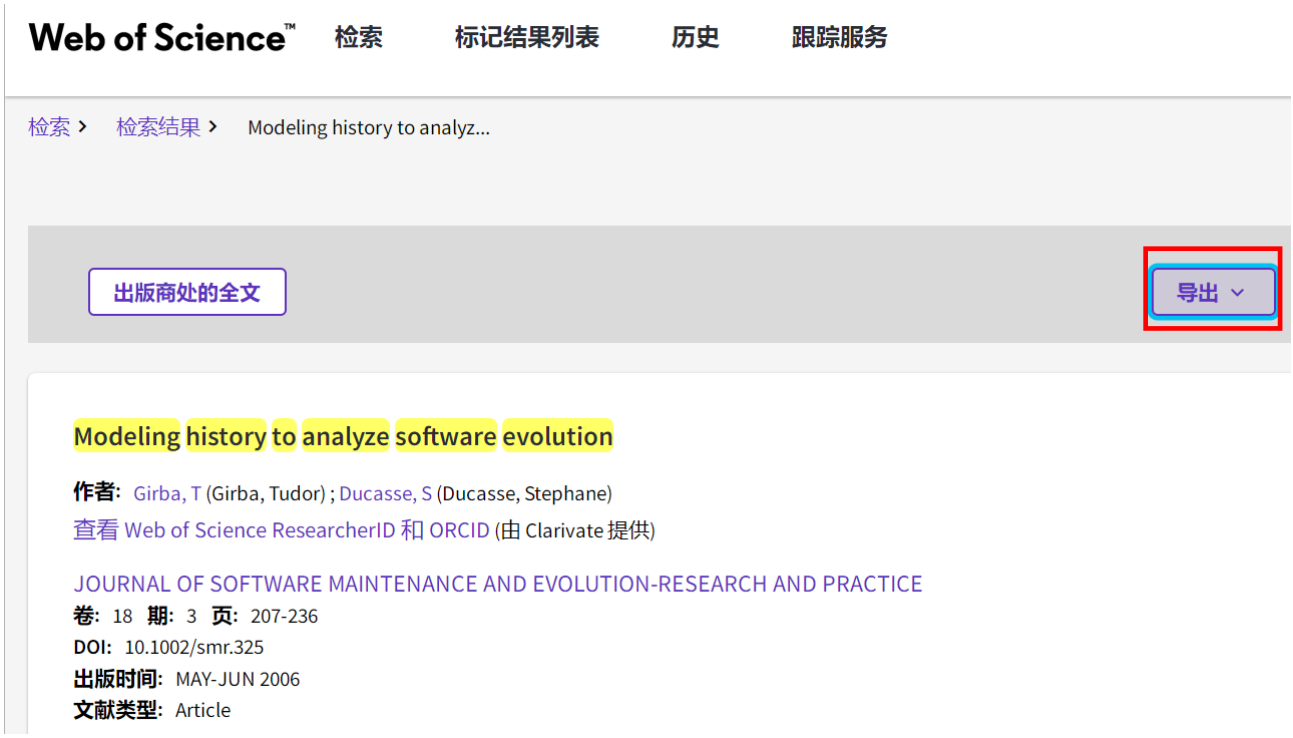
4. 文献类型不做区分，能在 SSCI 平台收录检索，即可盖红章。



5. 点击 ”文章题目“ 进入详细界面，得出此篇文章的更多信息。



6. 选择“导出”，再点击“可打印的 HTML 文件”，打印前选择“完整记录”。



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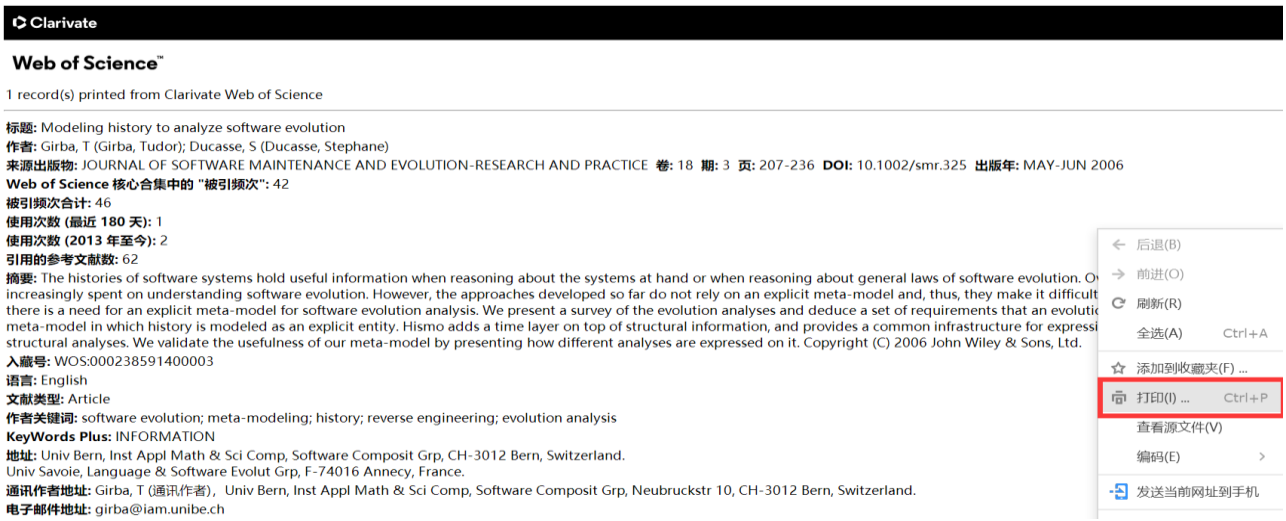

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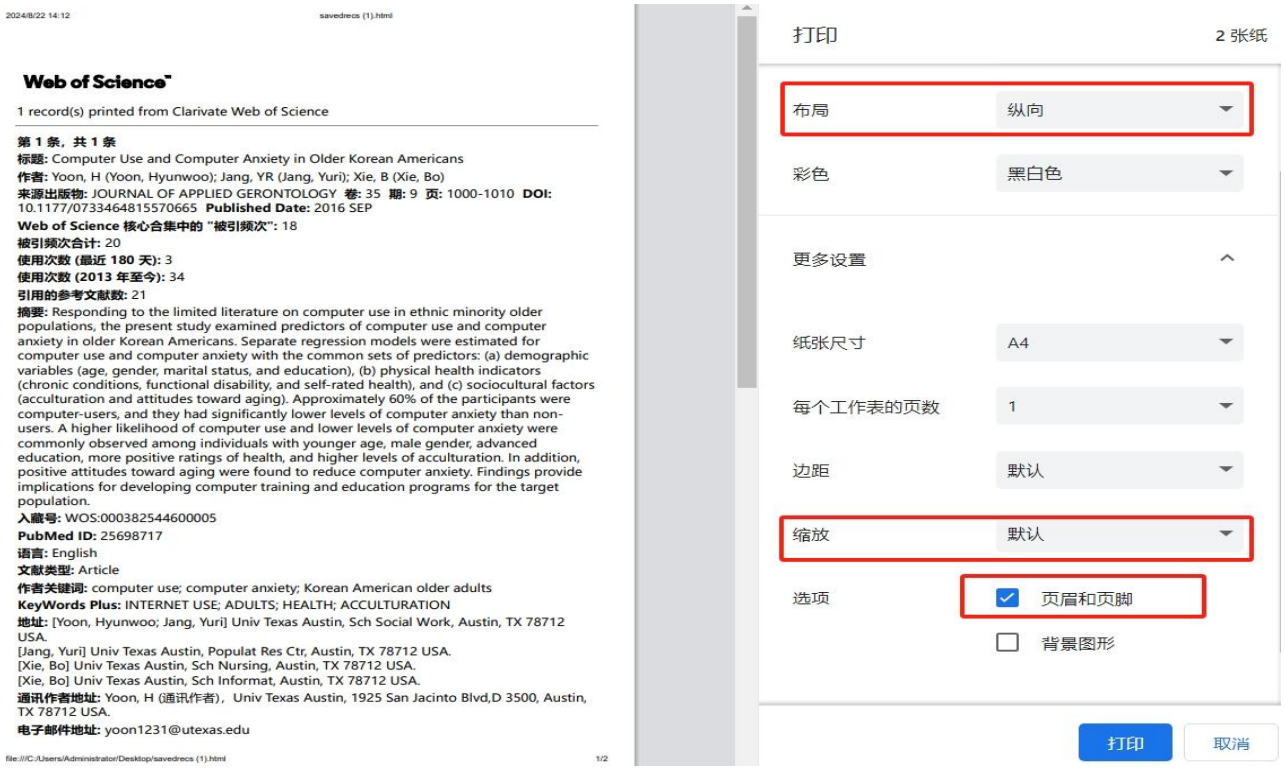
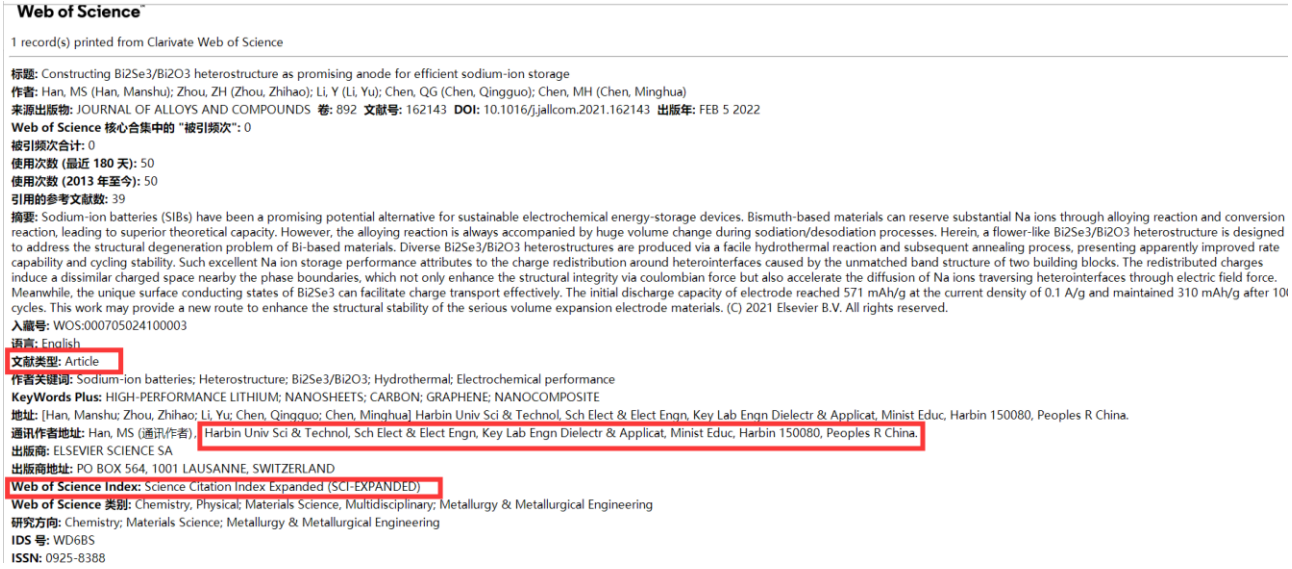


8. 核对文章信息，文献类型“Article”，通讯作者单位“Harbin University of Science and Technology”，内容来自“SCI-EXPANDED”。



Web of Science

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标题: Constructing Bi2Se3/Bi2O3 heterostructure as promising anode for efficient sodium-ion storage
作者: Han, MS (Han, Manshu); Zhou, ZH (Zhou, Zhihao); Li, Y (Li, Yu); Chen, QG (Chen, Qingguo); Chen, MH (Chen, Minghua)
来源出版物: JOURNAL OF ALLOYS AND COMPOUNDS **卷:** 892 **文献号:** 162143 **DOI:** 10.1016/j.jallcom.2021.162143 **出版年:** FEB 5 2022
Web of Science 核心合集中的 "被引频次": 0
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引用的参考文献数: 39
摘要: Sodium-ion batteries (SIBs) have been a promising potential alternative for sustainable electrochemical energy-storage devices. Bismuth-based materials can reserve substantial Na ions through alloying reaction and conversion reaction, leading to superior theoretical capacity. However, the alloying reaction is always accompanied by huge volume change during sodiation/desodiation processes. Herein, a flower-like Bi2Se3/Bi2O3 heterostructure is designed to address the structural degeneration problem of Bi-based materials. Diverse Bi2Se3/Bi2O3 heterostructures are produced via a facile hydrothermal reaction and subsequent annealing process, presenting apparently improved rate capability and cycling stability. Such excellent Na ion storage performance attributes to the charge redistribution around heterointerfaces caused by the unmatched band structure of two building blocks. The redistributed charges induce a dissimilar charged space nearby the phase boundaries, which not only enhance the structural integrity via coulombian force but also accelerate the diffusion of Na ions traversing heterointerfaces through electric field force. Meanwhile, the unique surface conducting states of Bi2Se3 can facilitate charge transport effectively. The initial discharge capacity of electrode reached 571 mAh/g at the current density of 0.1 A/g and maintained 310 mAh/g after 10(cycles. This work may provide a new route to enhance the structural stability of the serious volume expansion electrode materials. (C) 2021 Elsevier B.V. All rights reserved.
入藏号: WOS:000705024100003
语言: English
文献类型: Article
作者关键词: Sodium-ion batteries; Heterostructure; Bi2Se3/Bi2O3; Hydrothermal; Electrochemical performance
KeyWords Plus: HIGH-PERFORMANCE LITHIUM; NANOSHEETS; CARBON; GRAPHENE; NANOCOMPOSITE
地址: [Han, Manshu; Zhou, Zhihao; Li, Yu; Chen, Qingguo; Chen, Minghua] Harbin Univ Sci & Technol, Sch Elect & Elect Engn, Key Lab Engn Dielectr & Applicat, Minist Educ, Harbin 150080, Peoples R China.
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出版商: ELSEVIER SCIENCE SA
出版商地址: PO BOX 564, 1001 LAUSANNE, SWITZERLAND
Web of Science Index: Science Citation Index Expanded (SCI-EXPANDED)
Web of Science 类别: Chemistry, Physical; Materials Science, Multidisciplinary; Metallurgy & Metallurgical Engineering
研究方向: Chemistry; Materials Science; Metallurgy & Metallurgical Engineering
IDS 号: WD6BS
ISSN: 0925-8388

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