

ScienceDirect最新界面介绍及使用 与Elsevier期刊投稿常识

Elsevier科技部
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2014-03-20

内容

- **Elsevier**出版社及**ScienceDirect**简介
- **ScienceDirect**最新界面介绍
- **ScienceDirect**的使用
- **Elsevier**期刊投稿常识
- 资源与信息

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化学(176,1674)

计算机科学(195,1360)

地球和行星学(161,493)

能源(98,425)

工程(324,3027)

材料科学(217,1079)

数学(126,304)

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(443,1929)

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心理学(174,673)

社会科学(318,1022)

数据截至2013.12.19，括号中前者为期刊数目(共3328种)，后者为书籍(单行本、丛书、手册，参考书)数量(共17885本)。

2. ScienceDirect最新界面介绍

新界面的几项关键升级 (2014.2.1)

ScienceDirect



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1

2

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3

4

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主页界面的变化——旧界面

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The screenshot displays the ScienceDirect website interface. At the top, there is a navigation bar with links for Home, Publications, Search, My settings, My alerts, and Help. A search bar is prominently featured, allowing users to search by Articles, Images, or Journal/Book title, with fields for All fields, Author, Volume, Issue, and Page. A 'Search' button is located to the right of these fields. In the top right corner, there are links for Register and Login, and a SCOPUS logo with the text '寻找未来科学之星'. Below the navigation bar, there is a red banner for Mendeley that says 'Instantly add articles from ScienceDirect to Mendeley'. The main content area is divided into several sections: 'ScienceDirect 12,082,291 Articles' with a 'Browse by title' section (A-Z, 0-9) and a 'Browse by subject' section listing various scientific disciplines; 'ScienceDirect's Top 25' section with a 'View the top downloaded articles' heading and a 'Your area of interest' dropdown menu; 'Open Access' section with information about free access to journal articles; 'Customize ScienceDirect' section with options to register and tailor product features; 'Latest Articles' section with a list of recent publications; 'Keep Up to Date' section with social media links and a 'ScienceDirect Blog' link; 'About ScienceDirect' section with links for help, training, and resources; and 'Explore Elsevier' section with links to ElsevierConnect, Open Access, Content Innovation, Mendeley, Scopus, and Reazys.

新界面——简洁、直观

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The screenshot displays the ScienceDirect website interface. At the top, there is a navigation bar with the ScienceDirect logo, links for Journals and Books, and a search bar. Below the navigation bar, there is a main content area with several sections:

- ScienceDirect**: A banner stating it is a leading full-text scientific database offering journal articles and book chapters from more than 2,500 journals and almost 20,000 books. It also mentions 12,360,691 articles on ScienceDirect.
- Browse publications by subject**: A grid of subject categories including Physical Sciences and Engineering, Life Sciences, Health Sciences, Social Sciences and Humanities, and various sub-fields like Chemical Engineering, Agriculture, Medicine, and Business.
- Browse publications by title**: A grid of letters (A-Z) for browsing by title.
- Open Access**: A section highlighting articles published in Open Access journals, which are made permanently free for everyone to access immediately upon publication. It includes links to view the Open Access journal directory and all publications with Open Access articles.
- ScienceDirect's Top 25**: A section titled "View the top downloaded articles." It features a dropdown menu for "Your area of interest" and a link to top25.sciencedirect.com.
- Latest articles**: A list of recent articles, including "Nicotinamide pelletization by fluidized hot melt granulation" and "Polymorphic L1 retrotransposons are frequently in strong linkage disequilibrium".
- Keep Up to Date**: A section with links to see most downloaded articles at Top 25, follow @ScienceDirect on Twitter, and keep current with the ScienceDirect Blog.
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Electrochemistry	25 Nov
(16 results) electrochemistry	25 Nov
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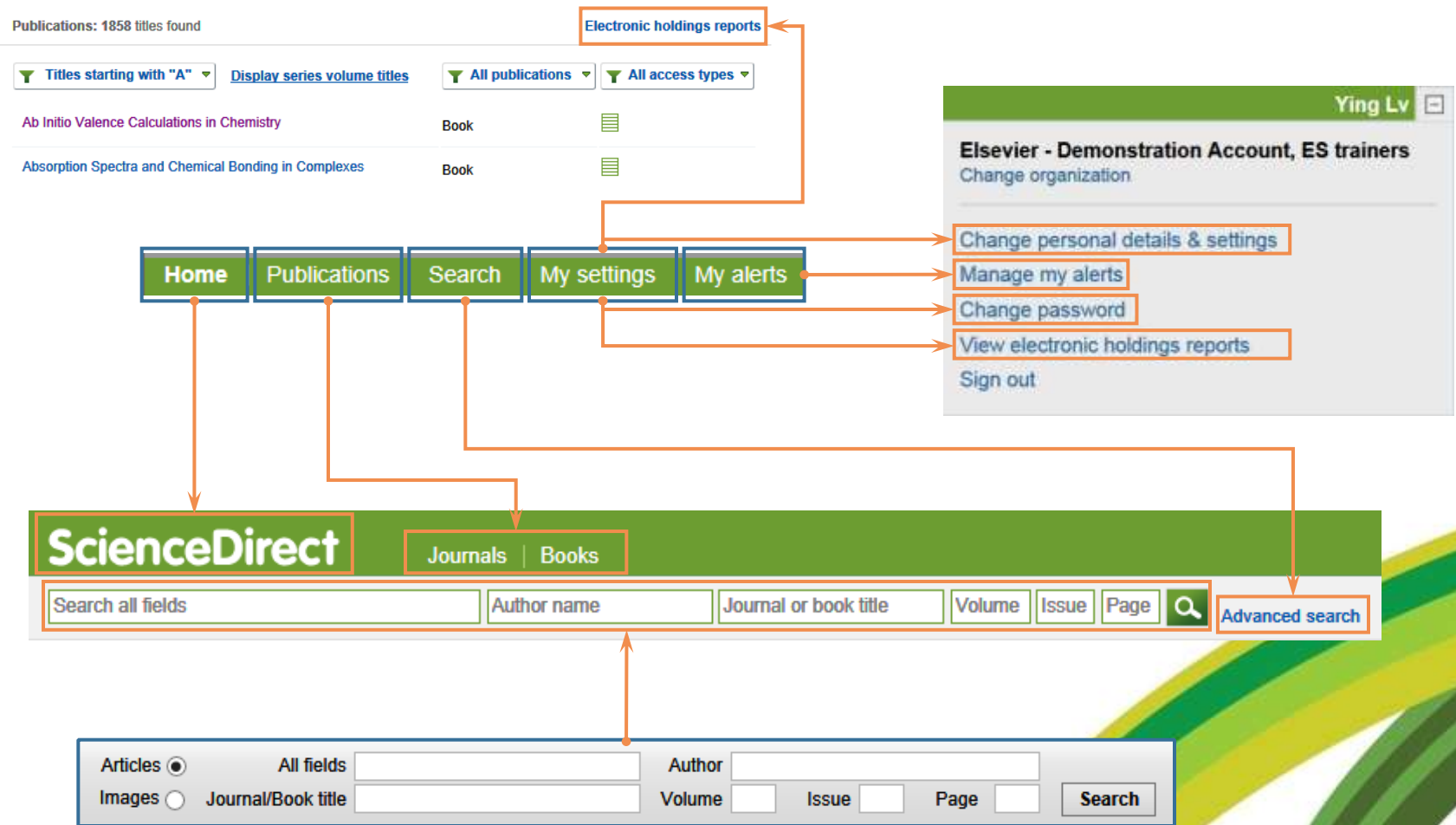
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2009; Svetlova et al., 2
Briefly, the method

标题栏的变化





Achieving Market Integration

Best Execution, Fragmentation and the Free Flow of Capital
A volume in Securities Institute Global Capital Markets

About this Book

Author(s): Scott McCleskey
ISBN: 978-0-7506-5745-7

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图书简介

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*Provides a discussion point for those lobbying the European Commission on formulating regulation for an integrated European capital market

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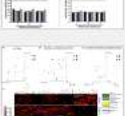
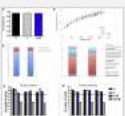
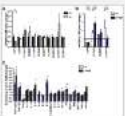
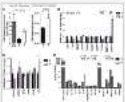

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Cell



Volume 155, Issue 7, 19 December 2013, Pages 1451–1463

Article

Microbiota Modulate Behavioral and Physiological Abnormalities Associated with Neurodevelopmental Disorders

Elaine Y. Hsiao^{1,2}, Sara W. McBride¹, Sophia Hsien¹, Gil Sharon¹, Embriette R. Hyde³, Tyler McCue³, Julian A. Codelli², Janet Chow¹, Sarah E. Reisman², Joseph F. Petrosino³, Paul H. Patterson^{1,4}, Sarkis K. Mazmanian^{1,4}

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Received 20 August 2013, Revised 3 October 2013, Accepted 18 November 2013, Available online 5 December 2013

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[Toward Effective Probiotics for Autism and Other Neurodevelopmental Disorders](#)

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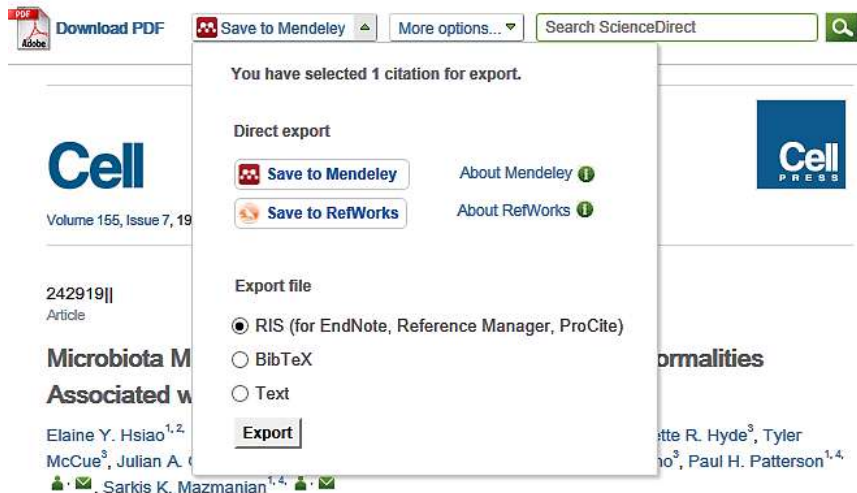
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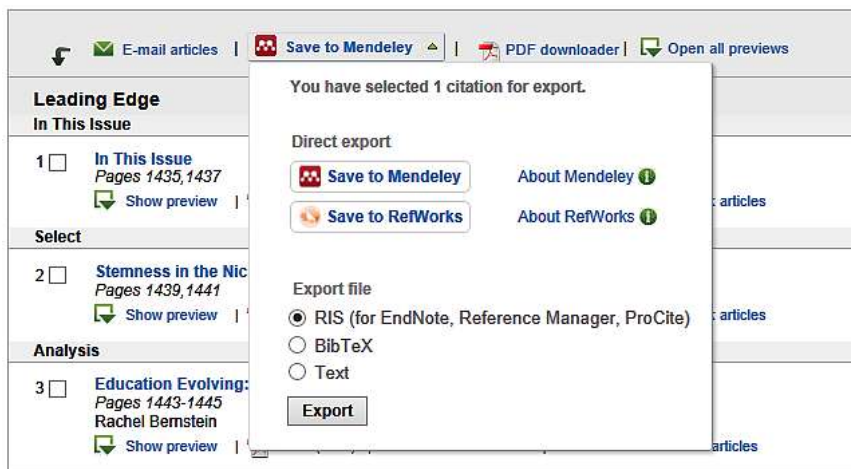
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Elaine Y. Hsiao^{1,2},
McCue³, Julian A. ...
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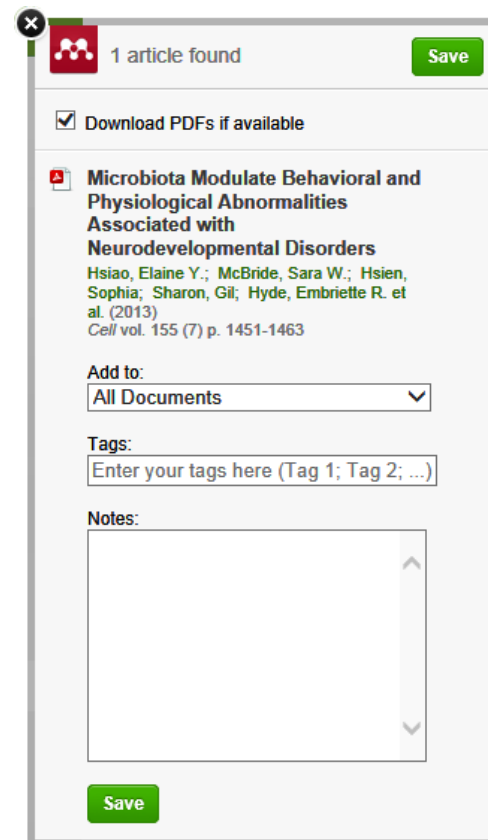
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Volume 43

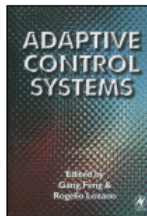
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Adaptive Control Systems

About this Book

Author(s): Gang Feng and Rogelio Lozano

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Book description

Adaptive control is no longer just an important theoretical field of study, but is also providing solutions to real-world problems. Adaptive techniques will transform the world of control. The leading world practitioners of adaptive control have contributed to this handbook which is the most important work yet in this field. Not only are techniques described in theory, but detailed control algorithms are given, making this a practical cookbook of adaptive control for both control professionals and practising engineers.

The book presents the most advanced techniques and algorithms of adaptive control. These include various robust techniques, performance enhancement techniques, techniques with less a-priori knowledge, nonlinear adaptive control techniques and intelligent adaptive techniques. Each technique described has been developed to provide a practical solution to a real-life problem. This volume will therefore not only advance the field of adaptive control as an area of study, but will also show how the potential of this technology can be realised and offer significant benefits.

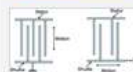
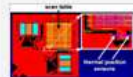
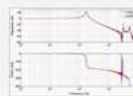
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Annual Reviews in Control

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Nanopositioning for storage applications ☆

Evangelos Eleftheriou

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Abstract

In nanotechnology applications, nanopositioning, i.e., nanometer-scale precision control at dimensions of less than 100 nm, plays a central role. One can view nanopositioners as precision mechatronics systems aiming at moving objects over a certain distance with a resolution that could be as low as a fraction of an Ångström. Actuation, position sensing and feedback control are the key components of nanopositioners that determine how successfully the stringent requirements on resolution, accuracy, stability, and bandwidth are achieved. Historically, nanopositioning has played a critical role in scanning probe microscopy (SPM), and it appears that it will play a crucial role in emerging applications such as lithography tools and semiconductor inspection systems, as well as in molecular biology, nanofabrication, and nanomanufacturing. Moreover, it is becoming an important requirement in storage systems, ranging from novel probe-based storage devices to mechatronic tape-drive systems, to support the high areal density or storage capacity needs. This paper will review control-related research in nanopositioning for two extreme cases of data-storage systems, namely, in probe and in tape storage.

Keywords

Probe storage; Tape storage; Voice-coil actuators; Piezoelectric actuators; Nanopositioning; Mechatronics; Feedback control technologies

1. Introduction

The past two and a half decades have witnessed the emergence and explosive growth of nanoscience and nanotechnology (Bushan, 2004, Crandall, 1996, Shapiro, 2005 and Sheetz et al., 2005). In all these applications, nanopositioning, i.e., nanometer-scale precision control at dimensions of less than 100 nm, plays a central role. One can view nanopositioners as precision mechatronics systems aiming at moving

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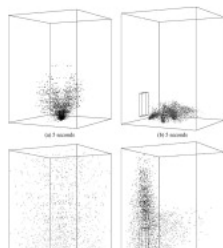
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Highlights

- Solving the nonlinear differential equation of a hydronic radiator analytically.
- Deriving a first order control oriented model of the radiator for controller design purposes.
- Dealing with the stability-performance dilemma of TRV-controlled radiators by designing a gain scheduled controller.
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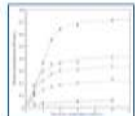
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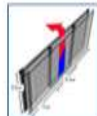
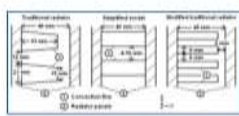

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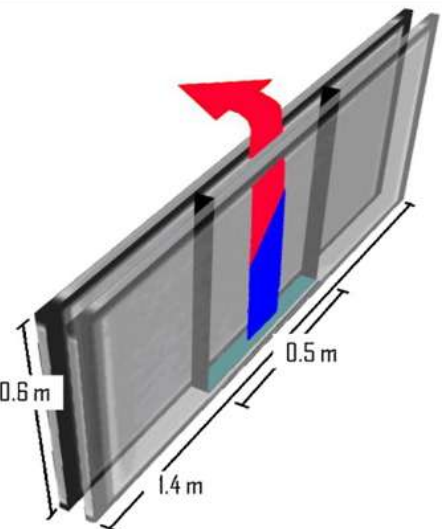
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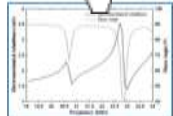
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[Cited by Scopus \(78\)](#)
- Organic-inorganic hybrid solar cells: A comparative review** • Review article
Solar Energy Materials and Solar Cells, Volume 107, Pages 87-111
Wright, M.; Uddin, A.
- A review of chitin and chitosan applications** • Review article
Reactive and Functional Polymers, Volume 46, Issue 1, Pages 1-27
Ravi Kumar, M.N.
[Cited by Scopus \(1316\)](#)
- Polymer nanoparticles: Preparation techniques and size-control parameters** • Review

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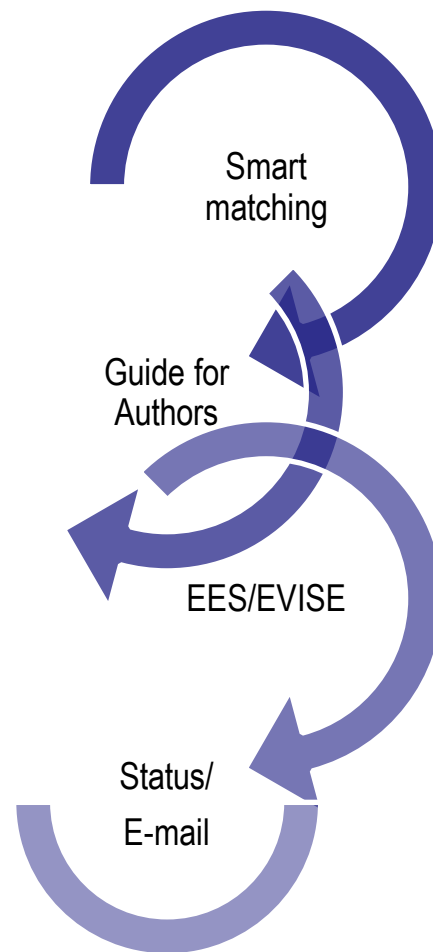
- 1) Elsevier期刊投稿流程
- 2) EES及EVISE投稿平台
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1) Elsevier期刊投稿流程

Elsevier学术期刊出版流程

- a. 寻找合适的期刊
- b. 准备论文
- c. 提交论文
- d. 检查状态



a.寻找合适的期刊

期刊寻找:

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- 期刊排名与影响力 **Journal Ranking**
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The screenshot shows the Elsevier Journal Finder web application. At the top left is the Elsevier logo. To the right is a "Send us feedback" button. The main heading is "Find the perfect journal for your article" with a "BETA" tag. Below this is a brief description of the tool's purpose and a note that it is powered by the Elsevier Fingerprint Engine™. A sub-heading instructs users to "Simply insert your title and abstract and select the appropriate field-of-research for the best results." The form contains three main sections: "Paper title" with a text input field; "Paper abstract" with a larger text area; and "Fields of research" with a list of nine categories, each with an unchecked checkbox and an external link icon. A "Filter" section below has one checkbox for "Limit to journals with Open Access options". At the bottom left of the form is a blue "FIND JOURNAL" button.

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Paper abstract

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<input type="checkbox"/> Chemistry ↗		

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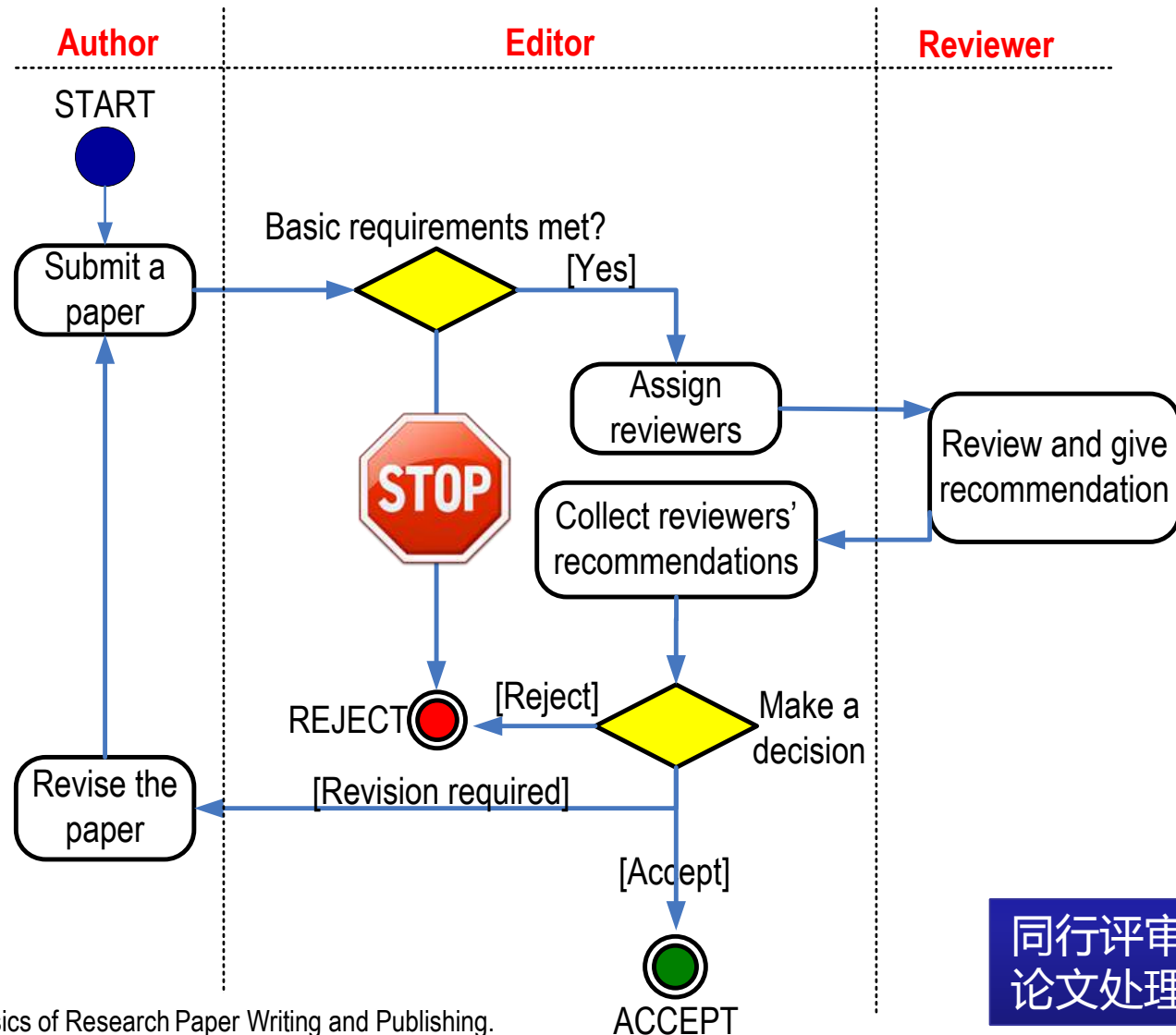
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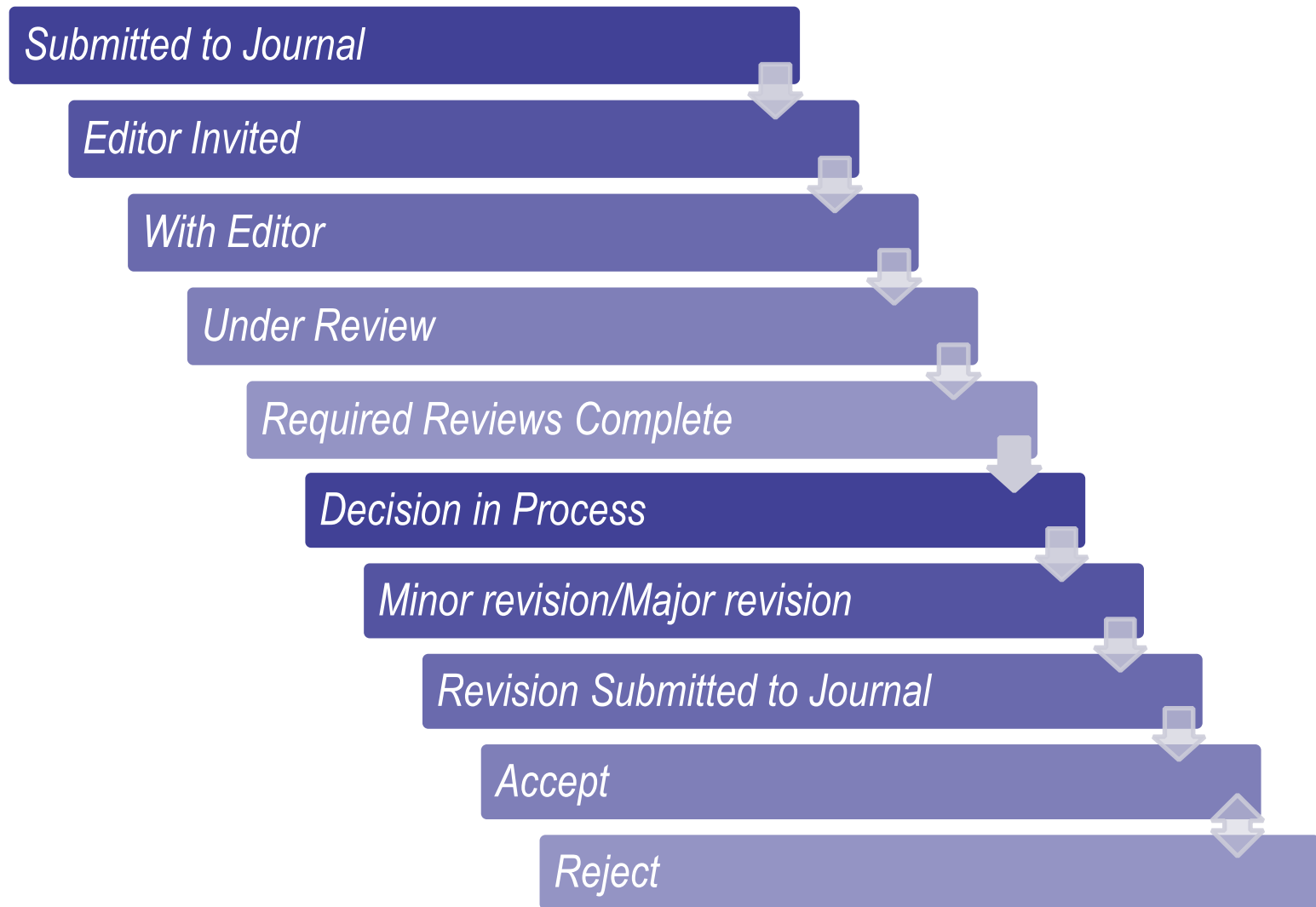
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 - **Highlights**
 - **Graphic abstract**
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c.提交论文



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d. 检查状态



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Cover Letter

- Read by **editors**
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Professor H. D. Schmidt
School of Science and Engineering
Northeast State University
College Park, MI 10000
USA

Example

所有作者的最终同意

Dear Professor Schmidt,

Enclosed with this letter you will find an electronic submission of a manuscript entitled "Mechano-sorptive creep under compressive loading - a micromechanical model" by John Smith and myself. This is an original paper which has neither previously nor simultaneously in whole or in part been submitted anywhere else. Both authors have read and approved the final version submitted.

Mechano-sorptive is sometimes denoted as accelerated creep. It has been experimentally observed that the creep of paper accelerates if it is subjected to a cyclic moisture content. This is of large practical importance for the paper industry. The present manuscript describes a micromechanical model on the fibre network level that is able to capture the experimentally observed behaviour. In particular, the difference between mechano-sorptive creep in tension and compression is analysed. John Smith is a PhD-student who within a year will present his doctoral thesis. The present paper will be a part of that thesis.

Three potential independent reviewers who have expertise in the area of this paper are:

Dr. Fernandez, Tennessee Tech, email1@university.com
Dr. Chen, University of Maine, email2@university.com
Dr. Singh, Colorado School of Mines, email3@university.com

I would very much appreciate if you would consider the manuscript for publication in the *International Journal of Science*.

Sincerely,

推荐审稿人

A. Professor

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Frontiers in
polymer
science
21-23 May 2013

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VIEW ALL

The screenshot shows the Polymer journal's online submission and editorial system (EES) homepage. At the top, there is a navigation bar with the journal title 'polymer' and links for 'menu', 'image', and 'map'. On the right, there are links for 'Contact us' (with an envelope icon) and 'Help ?' (with a question mark icon), along with the Elsevier logo. Below the navigation bar, there is a horizontal menu with links: 'home', 'main menu', 'submit paper', 'guide for authors', 'journal info', 'register', and 'log in'. A blue arrow points from a light blue box containing the Chinese text '期刊简介' (Journal Introduction) to the 'journal info' link in the navigation bar. The main content area is divided into several sections. On the left, there is a large image of the journal cover, followed by the 'cross check' logo (Powered by iThenticate) and the 'ethics' logo (ethics.elsevier.com). The central section, titled 'Polymer', contains a welcome message and a description of the journal's focus. Below this is a 'Hints' section with advice on checking spam folders. To the right of the central section are three vertical panels: 'Author Information', 'Reviewer Information', and 'Editor Information'. Each panel contains a 'Log in' link and several other links relevant to that user type. A red box highlights the 'Author Information' panel, and a grey box highlights the 'Reviewer Information' panel. At the bottom of the page, there is a footer with links for 'Help', 'Privacy Policy', 'Terms and Conditions', and 'About Us'.

polymer
menu image map

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Polymer

Welcome to the online submission and editorial system for *Polymer*.

Polymer publishes original research from all areas of polymer science and technology with emphasis on molecular or meso-scale interpretation of data. Papers from new emerging areas of the field are particularly welcome. In addition to regular articles and communications, the journal also publishes review articles - usually invited by the Editors.

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We strongly suggest you regularly check your spam folder for EES notifications. Update your '**Safe Senders**' list to ensure that emails from EES are not filtered into your spam folder. For information on how to do this, click [here](#).

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The screenshot shows the registration and login interface of the Elsevier Polymer journal website. The top navigation bar includes links for home, main menu, submit paper, guide for authors, journal info, register, and log in. The registration form is titled "Please Enter The Following" and includes fields for First Name (Yao) and Last Name (Xiulin). A callout box points to the "register" link in the navigation bar with the text "注册". Another callout box points to the registration form with the text "用户名和密码会自动发送至注册邮箱". Below the registration form is a "Personal Information" section with fields for Title and First Name. A red banner across the middle of the page reads "Important Message: Site under development. Do not use for live manuscript submission." Below this banner is a "Login" section with a "Please Enter the Following" form containing fields for Username (judy) and Password. Callouts highlight the "log in" link in the navigation bar and the "Author Login" button. A large callout box at the bottom left contains the text "忘记用户名密码点击 'Send Username/Password'", pointing to the "Send Username/Password" link in the login section. The footer of the page includes the text "Software Copyright © 2008 Aries Systems Corporation."

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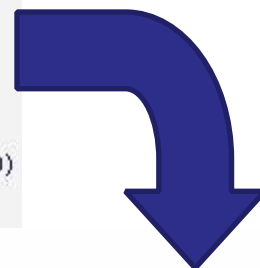
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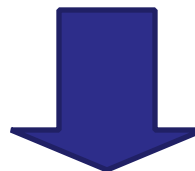
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
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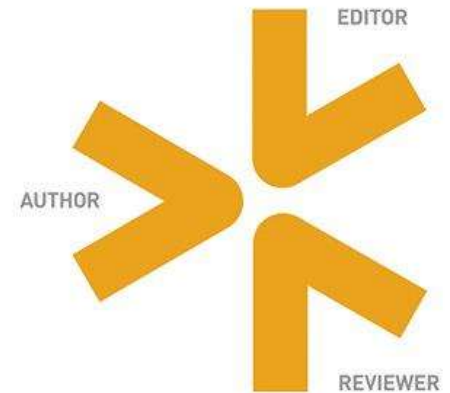
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Polystyrene-supported GaCl₃ as a highly efficient and recyclable heterogeneous Lewis acid catalyst for one-pot synthesis of N-substituted pyrroles

Ali Rahmatpour¹

¹ Polymer Science and Technology Division, Research Institute of Petroleum Industry (RIPI), 14665-1337, Tehran, Iran

38
TELE INFO

Article history
Received 27 December 2012
Revised 16 October 2013
Accepted 16 March 2013

Keywords
Polystyrene supported catalyst
Pyrrole
Fast-Fourier transformation method
Heterogeneous Lewis acid catalyst

ABSTRACT

A new and environmentally friendly method for the preparation of N-substituted pyrrole is presented. Polystyrene-supported gallium trichloride (PS-GaCl₃) as a highly active and reusable heterogeneous Lewis acid catalyst is presented. The new protocol has the advantages of easy availability, stability, recyclability and eco-friendliness of the catalyst, high to excellent polymeric experimental and recycling procedures.

1. Introduction

Pyrrole is an important class of nitrogen-containing heterocyclic compounds. They constitute the core unit of many natural products, synthetic materials, and serve as building blocks for porphyrin synthesis [1,2]. Pyrroles have wide applications in medicinal chemistry, being used as anti-tumor, anti-inflammatory agents, anti-bacterial, and anti-viral [3–5]. These compounds can be prepared from the classical Hantzsch procedure [6], 1,3-dipolar cycloaddition reactions [7], via Wittig reactions [8], annulation reactions [9], and other multistep operations [10]. Despite these new developments, the Paal-Knorr reaction remains one of the most significant and simple methods [11] consists the cyclodehydration of primary amines with carbonyl compounds to produce N-substituted pyrroles. Several catalysts have been used to promote this reaction including HCl [12], p-TSA [12], H₂SO₄ [13], Sc(OTf)₃ [14], Bi(NO₃)₃·9H₂O [15], SeCl₄·2H₂O [16], Ti(OiPr)₄ [17], SnCl₄ [18], InCl₃·xH₂O, Ir(OTf)₃ [19], ZnEt₂ [20], Al₂O₃ [21], montmorillonite K10 [22], silica sulfonic acid [23], layered inorganic phosphate and phosphonate [24], montmorillonite [25], montmorillonite KSF-clay and t₂ [26], ionic liquid [27] or ultrasonic and microwave irradiation [28]. However, despite the potential utility of these catalysts, many of

these methodologies for the synthesis of pyrrole associated with special shortcomings such as low yields, prolonged reaction time, harsh reaction conditions, the requirement of excess of catalysts, the use of toxic and detrimental metal precursors as catalysts, and relatively expensive reagents and high temperature, and tedious work-up leading to the generation of large amounts of toxic metal-containing waste. The main disadvantage of almost all existing methods is that the catalysts are destroyed in the work-up procedure and their recovery and reuse is often impossible, which limit their use under the aspect of environmentally benign process [30]. Heterogeneous supported catalysis have been gained much attention in recent years, as the [32] offers a number of advantages in preparative procedures [25,30]. Immobilization of catalysts on solid support imparts the available active site, stability, hygroscopic properties, handling, and recyclability of catalysts which all factors are important in industry [31]. Therefore, use of supported and reusable catalysts in organic transformations has economical and environmental benefits. A large number of polymer supported Lewis acid catalysts have been prepared by immobilization of the catalysts on polymer via coordination or covalent bonds [32]. Such polymers [33] are usually at amino and selective at their homogeneous counterparts while having the distinguishing characteristics of being easily separable from the reaction mixture, recyclability, easier handling, non-toxicity, enhanced stability, and improved selectivity in various organic reactions. Polystyrene is one of the most widely studied heterogeneous and polymeric supports due to its environmental stability and hydrophobic nature

Match Overview

- CrossCheck** 135 words
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 - CrossCheck** 131 words
Chen, J. "An approach to the Paal-Knorr pyrroles synthesis catalyzed by Sc(OTf)₃ under solvent-free conditions", *Tetrahedron Letters*, 2008
 - CrossCheck** 113 words
Borujeni, K.P. "Synthesis and application of polystyrene supported aluminum triflate as a new polymeric Lewis acid catalyst for the synthesis of N-substituted pyrroles", *Journal of Applied Polymer Science*, 2012
 - CrossCheck** 91 words
Liang Wang. "Polymer-supported zinc chloride: a highly active and reusable heterogeneous catalyst for one-pot synthesis of N-substituted pyrroles", *Journal of Applied Polymer Science*, 2012
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Ali Rahmatpour. "An efficient, high yielding, and eco-friendly method for the synthesis of 14-aryl- or 14-alkyl-14H-dibenzopyrrole", *Journal of Applied Polymer Science*, 2012
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Kanmi, B. "Solid silica-based sulfonic acid as an efficient and recoverable interphase catalyst for selective tetrahydroindole synthesis", *Journal of Applied Polymer Science*, 2012
- CrossCheck** 53 words



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推荐阅读

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- Clare, J. and Hamilton, H. (2003) *Writing Research Transforming Data into Text*, Churchill Livingstone
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- Elsevier training webcasts (tips and tricks)
- The “How to Get Published” series
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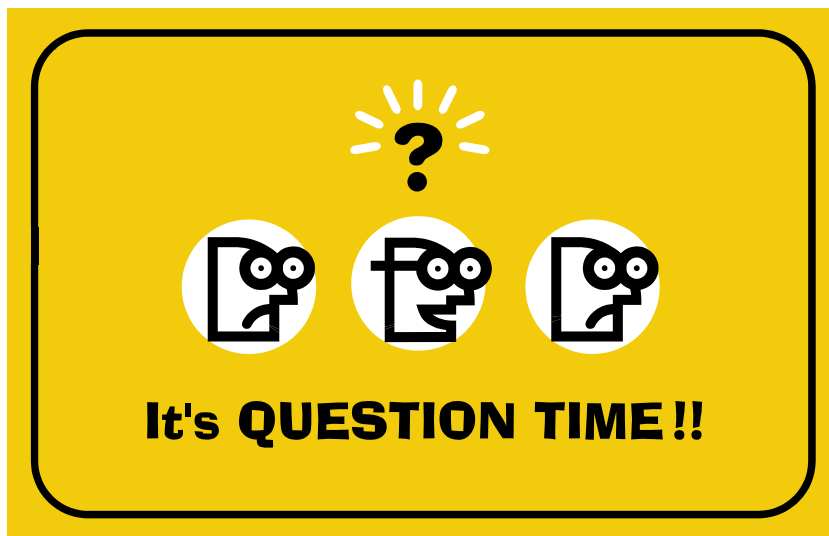
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