

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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化学工程学(139,755)

化学(176,1674)

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(443,1929)

环境科学(189,645)

免疫学和微生物学(182,230)

神经科学(189,488)

- 健康科学(1588,2868)

医科和牙科(1395,2127)

护理与卫生保健(204,516)

药理学/毒理学/制药科学(164,439)

兽医学和兽医用药(70,246)

- 社会科学及人文(636,3350)

艺术与人文(58,612)

商业/管理/会计学(142,969)

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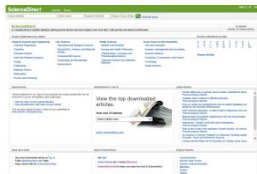
社会科学(318,1022)

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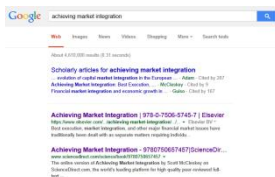
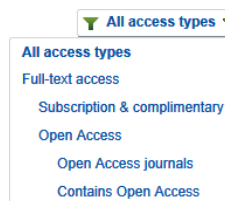


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1

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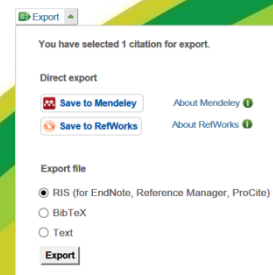


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3

4

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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 located in the top right corner, along with Register and Login buttons. Below the navigation bar, there is a section for browsing by title and subject. The left sidebar contains a list of subject areas, including Physical Sciences and Engineering, Life Sciences, Health Sciences, and Social Sciences and Humanities. The main content area features a banner for ScienceDirect's Top 25 articles, a section for Open Access articles, and a section for Latest Articles. On the right side, there is a 'Keep Up to Date' section with links to social media and a 'Explore Elsevier' section with links to various Elsevier services. A 'ScienceDirect to Mendeley' banner is also visible in the center of the page.

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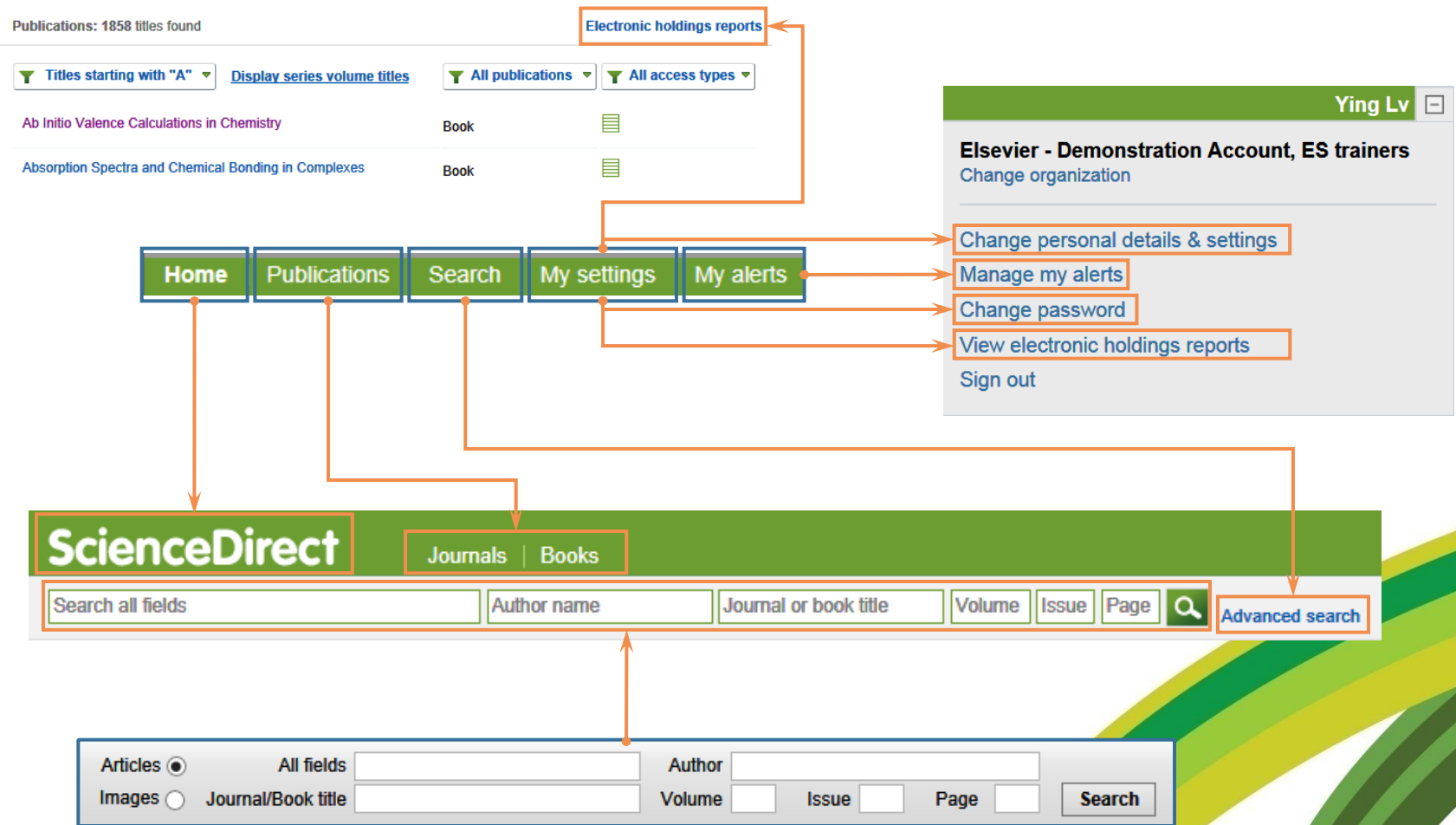
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Achieving Market Integration

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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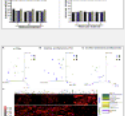
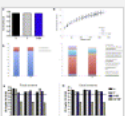
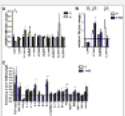
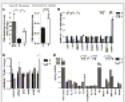
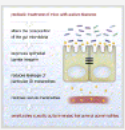
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Cell



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. Codell², Janet Chow¹, Sarah E. Reisman², Joseph F. Petrosino³, Paul H. Patterson^{1,4}, Sarkis K. Mazmanian^{1,4}

¹ Division of Biology and Biological Engineering, California Institute of Technology, Pasadena, CA 91125, USA

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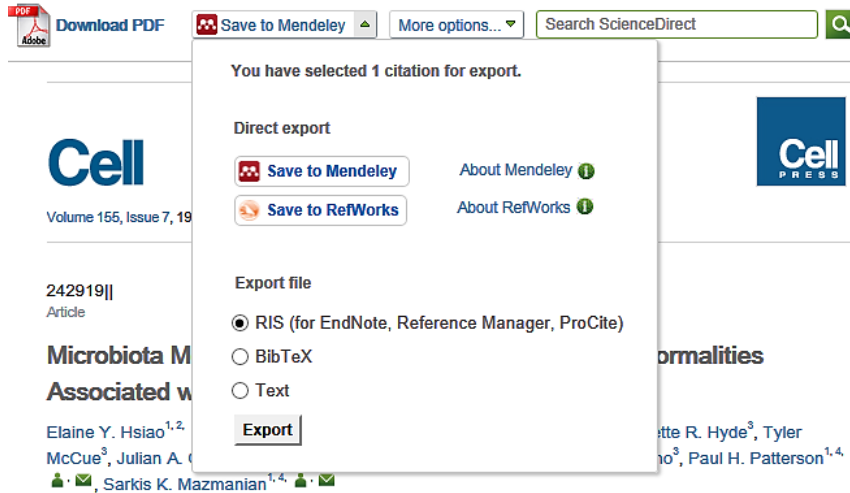
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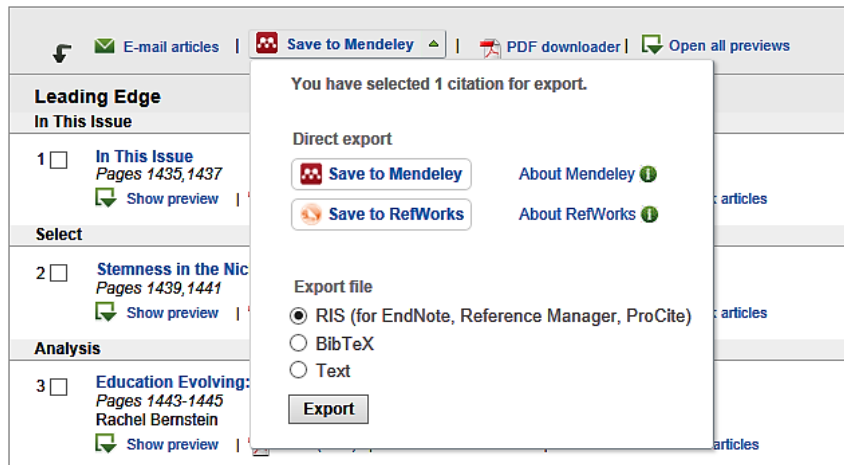
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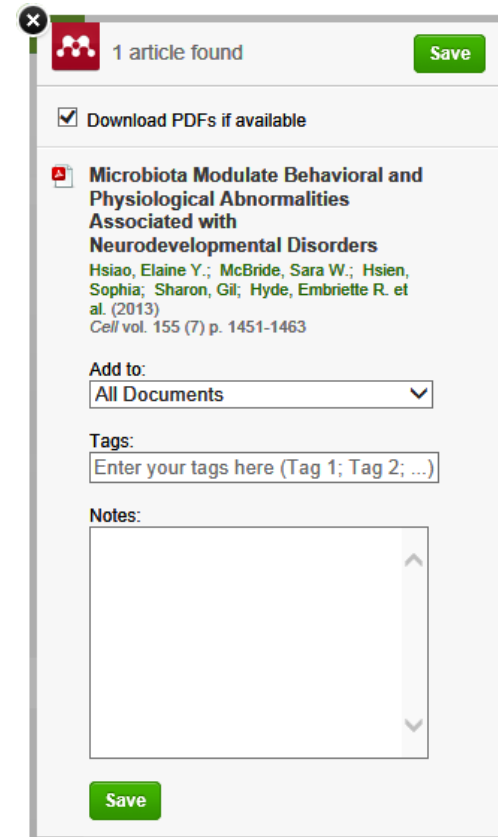
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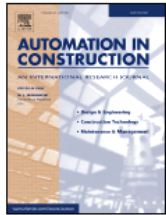
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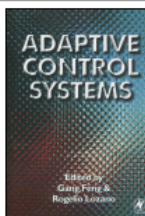
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About this Book

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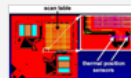
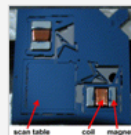
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Abstract

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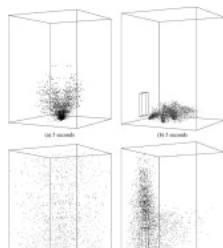
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- Solving the nonlinear differential equation of a hydronic radiator analytically.
- Deriving a first order control oriented model of the radiator for controller design purposes.
- Dealing with the stability-performance dilemma of TRV-controlled radiators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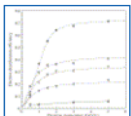
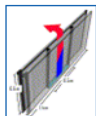
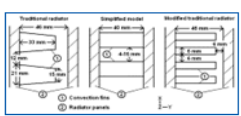
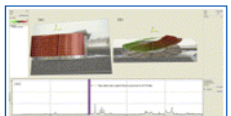

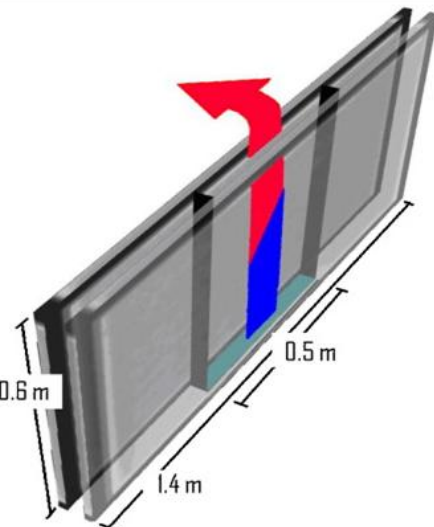
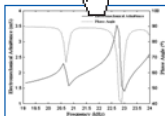
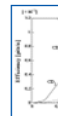



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<input type="checkbox"/> Chemistry	Latest Results Archive/Details	Weekly	
<input checked="" type="checkbox"/> Electrochemistry	Latest Results Archive/Details	Weekly	
<input type="checkbox"/> Inorganic Chemistry	Latest Results Archive/Details	Weekly	
<input type="checkbox"/> Nanoscience and Technology - Chemistry	Latest Results Archive/Details	Weekly	
<input type="checkbox"/> Organic Chemistry	Latest Results Archive/Details	Weekly	
<input type="checkbox"/> Spectroscopy	Latest Results Archive/Details	Weekly	
<input type="checkbox"/> Theoretical Chemistry	Latest Results Archive/Details	Weekly	



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Alert name	Alert view	Alert frequency	Alert actions	Search feed	
TITLE-ABSTR-KEY(buffer layer) and TITLE-ABSTR-KEY(solar)	Latest results Archive	Weekly	Modify Delete		
ZnO in solar cells	Latest results Archive	Weekly	Modify Delete		
Douglas-cancer cell-transgenic mice	Latest results Archive	Weekly	Modify Delete		
Douglas-cancer cell-transgenic mice	Latest results Archive	Weekly	Modify Delete		

* Search Alerts will be set to inactive if they are not used for an extended period of time. Click on Modify link to activate an Inactive Search Alert.

If you are unsure of how to create a Search Alert, please try one of our pre-made [Topic Alerts](#).

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Alert name	Alert view	Alert frequency	Alert actions	Topic feed	
Electrochemistry	Latest results Archive/Details	Weekly	Delete		

期刊/丛书提醒

Journal and book-series alerts					
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Alert name	Publication type	Alert view	Alert frequency	Alert actions	Article feed
Applied Surface Science	Journal	Articles in Press Latest Volume/Issue	As Published	Delete	
Cell	Journal	Latest Volume/Issue	As Published	Delete	
Electrochemistry Communications	Journal	Articles in Press Latest Volume/Issue	As Published	Delete	
Interface Science and Technology	Book Series	Latest Volume/Issue	As Published	Delete	
Progress in Surface Science	Journal	Articles in Press Latest Volume/Issue	As Published	Delete	
Studies in Surface Science and Catalysis	Book Series	Latest Volume/Issue	As Published	Delete	
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[Cited by Scopus \(19\)](#)
- Recent advances in graphene based polymer composites** • Review article
Progress in Polymer Science, Volume 35, Issue 11, Pages 1350-1375
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Kango, S.; Kalia, S.; Celli, A.; Njuguna, J.; Habibi, Y.; Kumar, R.
- The surface science of titanium dioxide** • Review article
Surface Science Reports, Volume 48, Issue 5-8, Pages 53-229
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- Surface plasmon resonance sensors: review** • Article
Sensors and Actuators B: Chemical, Volume 54, Issue 1-2, Pages 3-15
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- Carbon nanotube-polymer composites: Chemistry, processing, mechanical and electrical properties** • Review article
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Spitalsky, Z.; Tasis, D.; Papagelis, K.; Galiotis, C.
[Cited by Scopus \(516\)](#)
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- TiO₂ photocatalysis and related surface phenomena** • Review article
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Nakata, K.; Fujishima, A.
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- 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.
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Ravi Kumar, M.N.
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- Polymer nanoparticles: Preparation techniques and size-control parameters** • Review article
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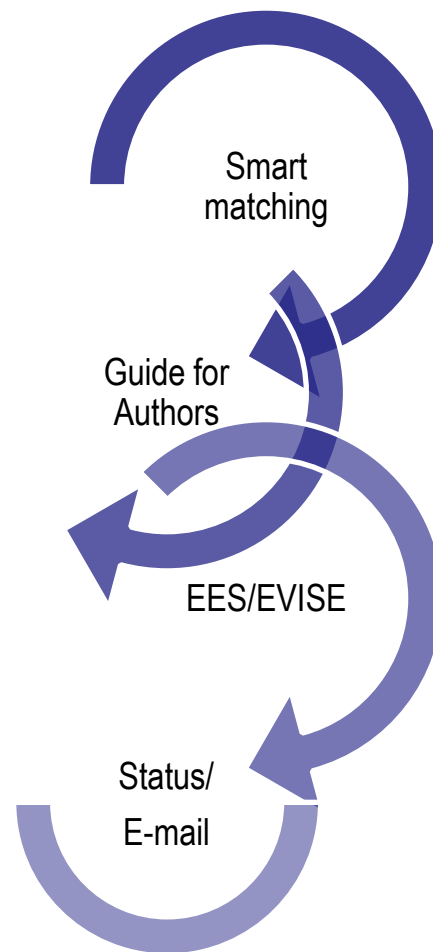
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Elsevier学术期刊出版流程

- 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:

- 参考文献的期刊
- 期刊排名与影响力 **Journal Ranking**
- 寻求导师或同事的帮助
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Elsevier Journal Finder

The screenshot shows a web browser window with the URL <http://journalfinder.elsevier.com/>. The page features the Elsevier logo in the top left and a "Send us feedback" button in the top right. The main heading is "Find the perfect journal for your article" with a "BETA" tag. Below this, a paragraph explains the tool's purpose: "Elsevier Journal Finder helps you find journals that could be best suited for publishing your scientific article. Powered by the Elsevier Fingerprint Engine™, Journal Finder uses smart search technology and field-of-research specific vocabularies to match your article to Elsevier journals." A sub-heading reads "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 containing the placeholder "Enter your paper title here"; "Paper abstract" with a larger text area containing the placeholder "Copy and paste your paper abstract here."; and "Fields of research" with the instruction "Select up to three fields of research" and a grid of checkboxes for Agriculture, Economics, Materials Science and Engineering, GeoSciences, Humanities and Arts, Life and Health Sciences, Mathematics, Physics, and Social Sciences. A "Chemistry" checkbox is also present. Below the fields is a "Filter" section with a 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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<input type="checkbox"/> Chemistry ↗		

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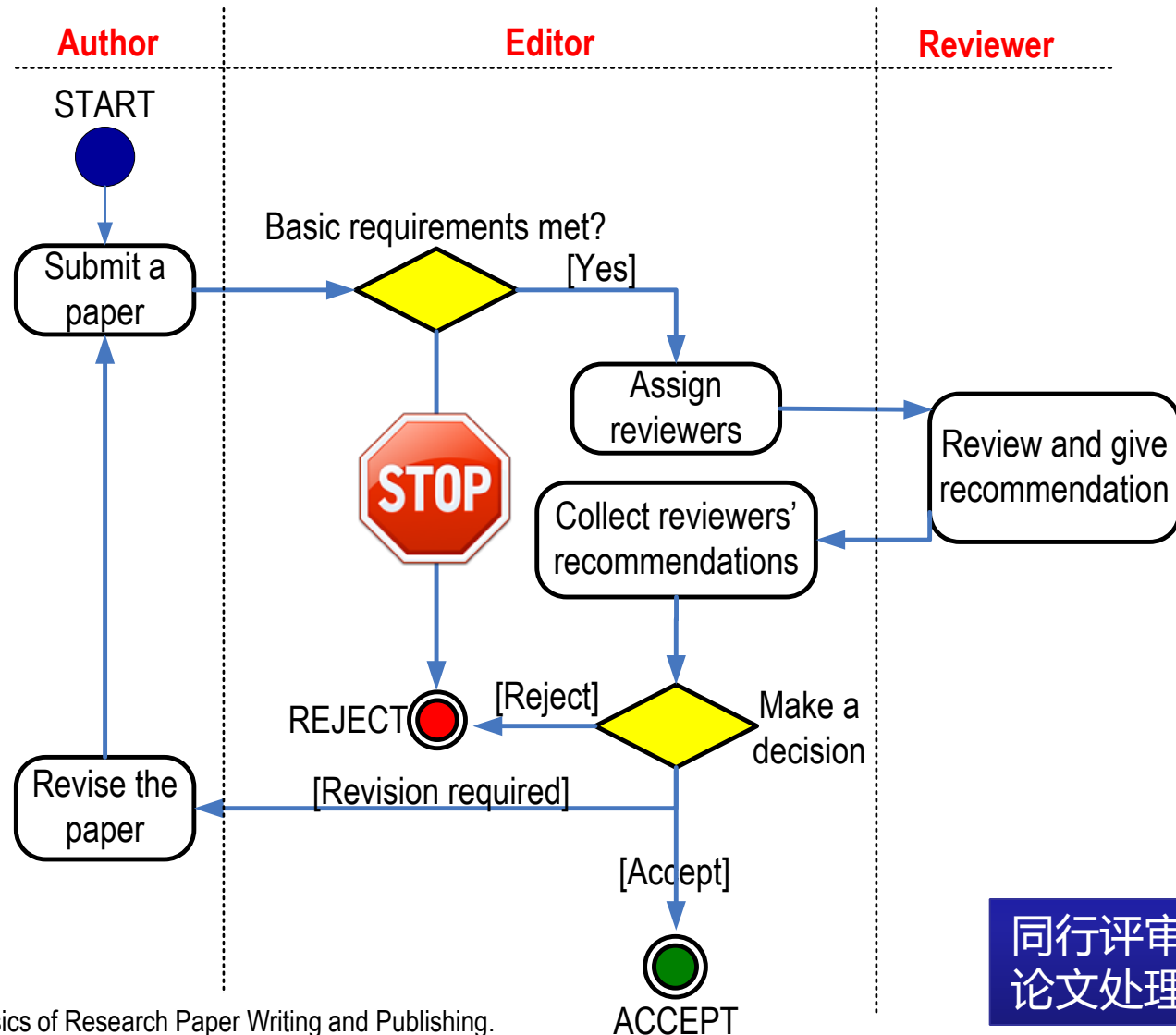
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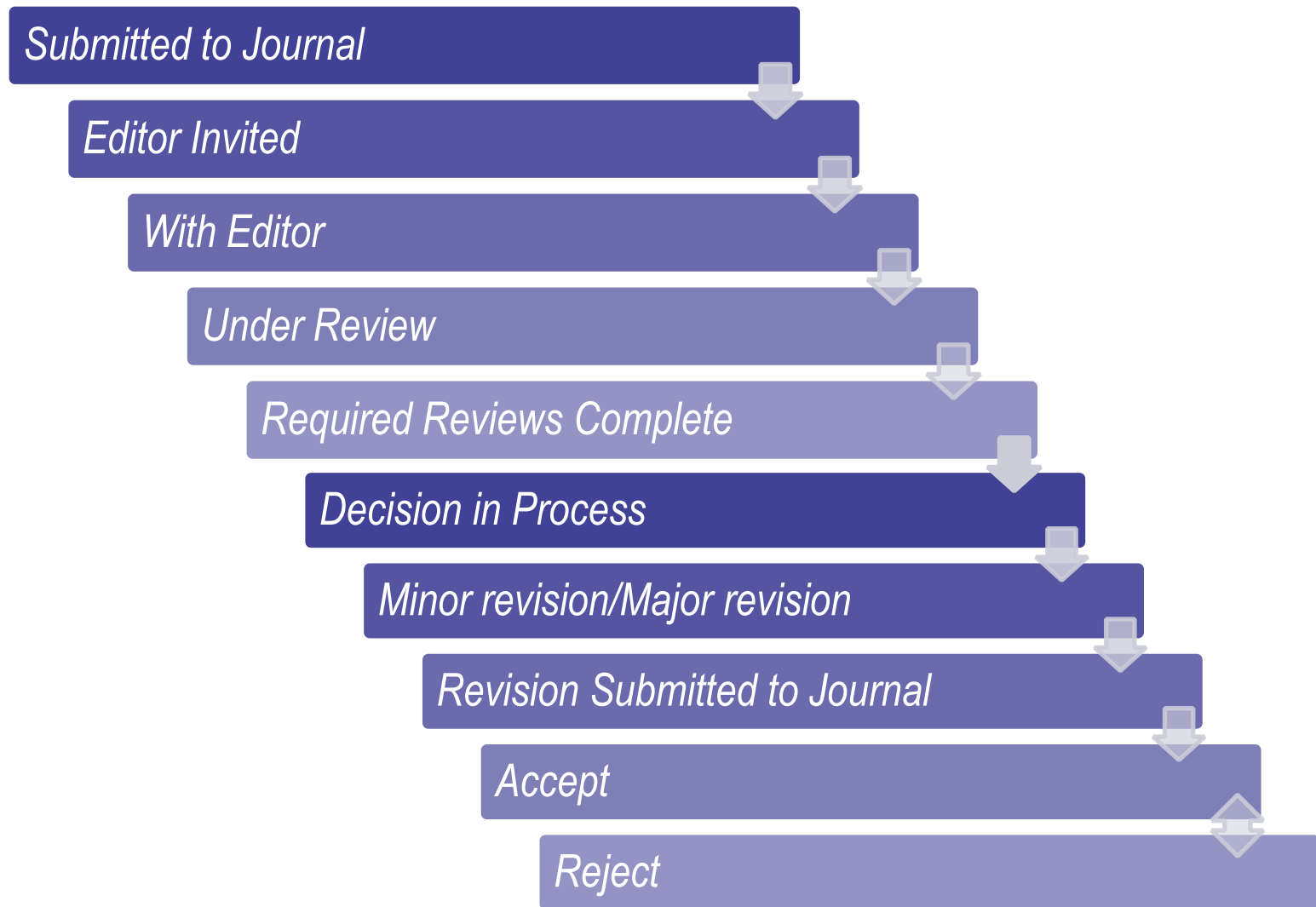
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 - **Cover letter**
 - **Highlights**
 - **Graphic abstract**
 - **Select reviewers**

c.提交论文



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论文处理流程

d. 检查状态



Communication with Editor and Reviewers

提交新稿: **Cover letter**

提交修改稿: **Rebuttal Letter**

被拒后: **Appeal Letter**

提醒: **Reminder Letter**



Cover Letter

- Read by **editors**
- A **crucial** part of the manuscript submission package.
- An **opportunity** to convey important information to the editors.
- Help the editors reach a **quicker decision**.
- Tip the balance **for peer review**.

Basic information:

- ✓ Editor Addressing
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- ✓ Main conclusion
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- ✓ Details of any previous or concurrent submissions

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*.

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A. Professor

阐述研究的重要性

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- 语言及图片的质量

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Frontiers in polymer science
21-23 May 2013

Speakers announced for Third International Symposium: Frontiers in Polymer Science

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 menu. 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 scope. 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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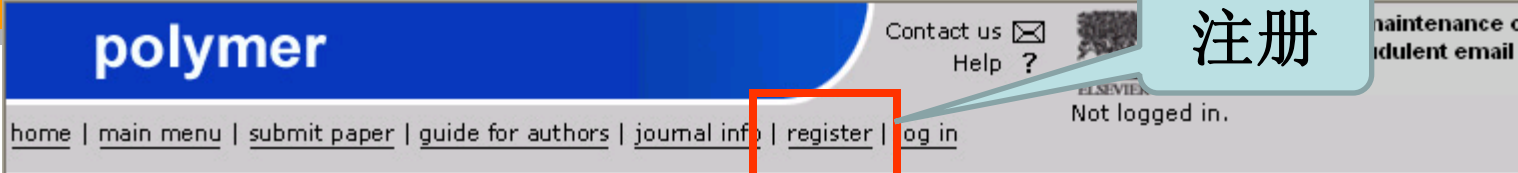
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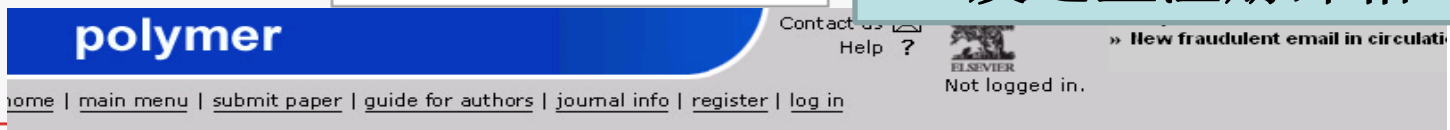
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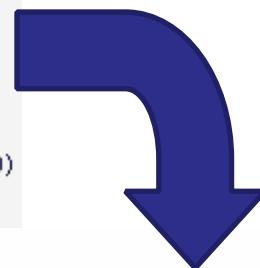
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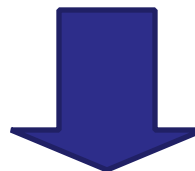
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
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Display results per page

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相较EES, EVISE提供了更多的功能, 如**更好的沟通**, 和**改进工作流程的透明度**等。



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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

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ABSTRACT

A new and environmentally friendly method for the preparation of N-substituted pyrroles from hexanedione with amines and diamines in the presence of 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, reusability and eco-friendly of the catalyst, high to excellent yields, simple experimental and work-up procedure.

1. Introduction

Functionally substituted pyrroles are an important class of nitrogen-containing heterocyclic compounds. They constitute the core unit of many natural products, synthetic natural products, and serve as building blocks for porphyrin synthesis [1,2]. Members of this family have wide applications in medicinal chemistry, being used as anti-inflammatory agents, antibacterial, and antiviral [3–5]. These compounds can be prepared from the classical Hantzsch procedure [6], 1,3-dipolar cycloaddition reactions [7], aza-Wittig reactions [8], annulations reactions [9], and other multistep operations [10]. Despite these new developments, the Paal–Knorr condensation remains one of the most significant and simple methods for the synthesis of pyrroles. This reaction [11] consists of the cyclocondensation of primary amines with 1,2-dicarbonyl compounds to produce N-substituted pyrroles. Several catalysts have been used to promote this reaction including HCl [11], p-TSA [12], H₂SO₄ [13], Sc(OTf)₃ [14], B(NO₂)₃·5H₂O [15], SnCl₂·2H₂O [16], Ti(OPr)₄ [17], RuCl₃ [18], InCl₃, InBr₃, In(OTf)₃ [19], zeolite [20], Al₂O₃ [21], montmorillonite K10 [22], silica sulfuric acid [23], layered zirconium phosphate and phosphonate [24], montmorillonite [25], montmorillonite KSF-clay and I₂ [26]. Additionally, the above cyclocondensation process could proceed in 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 pyrroles are associated with several 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 procedures.

Heterogeneous supported catalysts have been gained much attention in recent years, as they possess a number of advantages in preparative procedures [29,30]. Immobilization of catalysts on solid support improves the available active site, stability, hygroscopic properties, handling, and reusability 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 polymeric catalysts are usually as active and selective as 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

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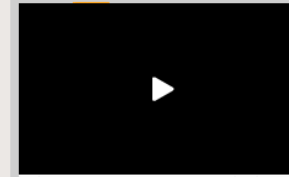
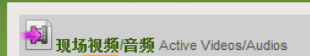
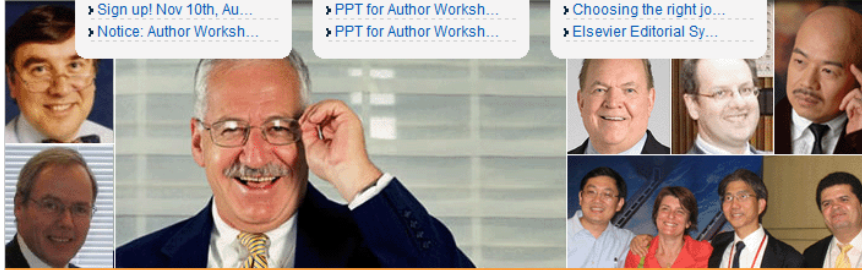
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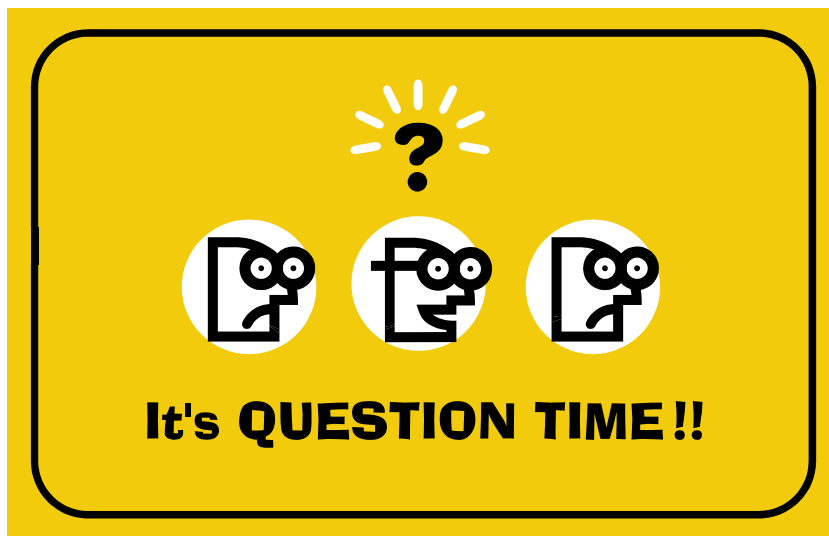
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