

## 一、检索要求

- 1、被检作者：汪定
- 2、作者单位：北京大学
- 3、论文发表年限：2015 年
- 4、提供待检索论文篇数：2 篇

## 二、检索范围

Science Citation Index Expanded (SCI-EXPANDED)	1991 - present	网络版
ESI	1991 - present	网络版

## 三、检索结果

- 有 2 篇被 SCI 收录，这两篇论文也在 ESI 数据库中检索到；

（详见附录一）

检索报告人： 李乃畅

报告单位： 中国科学院文献情报中心

完成时间： 2017 年 9 月 19 日





## 附件

## 一、SCI 收录情况

Record 1 of 2

Title: Anonymous Two-Factor Authentication in Distributed Systems: Certain Goals Are Beyond Attainment

Author(s): Wang, D (Wang, Ding); He, DB (He, Debiao); Wang, P (Wang, Ping); Chu, CH (Chu, Chao-Hsien)

Source: IEEE TRANSACTIONS ON DEPENDABLE AND SECURE COMPUTING Volume: 12 Issue: 4 Pages: 428-442 DOI: 10.1109/TDSC.2014.2355850 Published: JUL-AUG 2015

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Total Times Cited: 47

Accession Number: WOS:0003579300000005

Document Type: Article

Addresses: [Wang, Ding; Wang, Ping] Peking Univ, Sch Elect Engn & Comp Sci, Beijing 100871, Peoples R China.

[He, Debiao] Wuhan Univ, Sch Math & Stat, Wuhan 430072, Peoples R China.

[Chu, Chao-Hsien] Penn State Univ, Coll Informat Sci & Technol, University Pk, PA 16802 USA.

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IDS Number: CM8EJ

ISSN: 1545-5971

Record 2 of 2

Title: Robust Biometrics-Based Authentication Scheme for Multiserver Environment

Author(s): He, DB (He, Debiao); Wang, D (Wang, Ding)

Source: IEEE SYSTEMS JOURNAL Volume: 9 Issue: 3 Pages: 816-823 DOI: 10.1109/JSYST.2014.2301517 Published: SEP 2015

Times Cited in Web of Science Core Collection: 79

Total Times Cited: 82

Accession Number: WOS:000356714100017

Document Type: Article

Addresses: [He, Debiao] Wuhan Univ, Sch Math & Stat, Wuhan 430072, Peoples R China.

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# Anonymous Two-Factor Authentication in Distributed Systems: Certain Goals Are Beyond Attainment

作者: Wang, D (Wang, Ding)<sup>[1]</sup>; He, DB (He, Debiao)<sup>[2]</sup>; Wang, P (Wang, Ping)<sup>[1]</sup>; Chu, CH (Chu, Chao-Hsien)<sup>[3]</sup>

[查看 ResearcherID 和 ORCID](#)

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## 摘要

Despite two decades of intensive research, it remains a challenge to design a practical **anonymous two-factor authentication** scheme, for the designers **are** confronted with an impressive list of security requirements (e.g., resistance to smart card loss attack) and desirable attributes (e.g., local password update). Numerous solutions have been proposed, yet most of them **are** shortly found either unable to satisfy some critical security requirements or short of a few important features. To overcome this unsatisfactory situation, researchers often work around it **in** hopes of a new proposal (but no one has succeeded so far), while paying little attention to the fundamental question: whether or not there **are** inherent limitations that prevent us from designing an "ideal" scheme that satisfies all the desirable **goals**? **In** this work, we aim to provide a definite answer to this question. We first revisit two foremost proposals, i.e. Tsai et al.'s scheme and Li's scheme, revealing some subtleties and we systematically explore the inherent conflicts and unavoidable results indicate that, under the current widely accepted adverse **attainment**. This also suggests a negative answer to the open best of knowledge, the present study makes the first step to metric for **anonymous two-factor authentication**, which we be **two-factor** protocols that offer acceptable trade-offs among u

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0 / 中国科学引文数据库


0 / Data Citation Index

0 / Russian Science Citation Index

0 / SciELO Citation Index

 热点论文

 高被引论文

 根据对应领域和出版年中的高引用阈值，到十一月/十二月 2016 为止，本高被引论文受到引用的次数已将其归入其学术领域中最优秀的 1% 之列。

来自 *Essential Science Indicators<sup>SM</sup>* 的数据

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使用次数

中国科学院武汉科技查新咨询检索中心

# 检索报告

委托单位: 武汉大学			
委托人: 何德彪			
检索要求: 2015 年发表第一作者论文“ROBUST BIOMETRICS-BASED AUTHENTICATION SCHEME FOR MULTISERVER ENVIRONMENT”被 ESI Hot Papers (last 2 years)收录情况			
检 索 结 果			
数据库		Hot Papers (last 2 years)收录	
Essential Science Indicators – Hot Papers (last 2 years)		1	
说明: Essential Science Indicators has been updated as of March 10, 2016 to cover a 11-year plus 0-month period, January 1, 2005-December 31, 2015.			
声明: 委托人接受本证明, 视为已对本证明所列论文逐篇核对, 确认无误, 若有不实, 由委托人承担全部责任。			
检索人	李 艳	审核人	李 琰
<div>中国科学院武汉科技查新咨询检索中心 (公章) 2016-03-29 查新专用章</div>			

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## 检索附件: ESI—Hot Papers (last 2 years)论文情况

1 Citations: 12 

HOT PAPER 

RESEARCH FRONT

WEB OF SCIENCE

Title: ROBUST BIOMETRICS-BASED AUTHENTICATION SCHEME FOR  
MULTISERVER ENVIRONMENT

Authors: HE DB; WANG D

Source: IEEE SYST J 9 (3): 816-823 SEP 2015

Addresses: Wuhan Univ, Sch Math & Stat, Wuhan 430072, Peoples R  
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Field: COMPUTER SCIENCE

(END)

