<u>２番目に引用の多い自著論文（自動記入エージェント）について</u>

2025.1.5　中所武司

・本ページは、以下のページからリンク：
　　A selection of my best papers ： http://www.1968start.com/M/selection.html
・以下の論文情報は、google scholar　［takeshi chusho］検索結果による
・対象とする自著論文：　http://www.1968start.com/M/paper/apsec02.pdf

Automatic filling in a form by an agent for web applications

T Chusho, K Fujiwara and Keiji Minamitani
APSEC2002, IEEE Computer Society, pp.239-247 　（Dec. 2002).
 - Ninth Asia-Pacific …, 2002 - ieeexplore.ieee.org
The number of end-users using the Internet is increasing. End user initiated development of applications has become important for the automation of tasks. This paper describes a multi-agent framework for MOON (multiagent-oriented office network) systems, which are …
++

・検索結果 2020.12.18 の特徴
　＊思いもかけず、**15 件**の引用があった。
　＊最新の６件（2020〜2016）の引用は、すべて米国特許からだった（４件は同一人物）
・検索結果 2025.1.5：計 **24 件**｛**2003〜2025**｝（google scholar 被引用数: 28）

▼2025

Intelligent Multimodal Form Assistance System

P Cholke, G Kolate, B Kolhe, M Katkar, R. Khandare, O. Khandare　- ieeexplore.ieee.org
2025 4th International Conference on Sentiment Analysis and Deep Learning (ICSADL)
18-20 Feb. 2025
<The third reference>

Systems and methods for obtaining user parameters of e-commerce users to auto complete checkout forms

A Walters, FAT Abad, J Goodsitt
US Patent App. 18/190,945, 2023 - Google Patents
A system for obtaining user parameters of e-commerce users to auto complete checkout forms includes one or more processors configured to monitor user interactions of a user with …

▼2024（出版は 2024，オンライン公開は 2023）

Automated government form filling for aged and monolingual people using interactive tool

Adarsh R. Hegde, R. S. Sujala Reddy, P. Kruthika, B. C. Pragathi, Sreerama Sai Lahari, N. Deepamala & G. Shobha
Taylor & Francis
Disability and Rehabilitation: Assistive Technology, DOI: 10.1080/17483107.2023.2277825
<Quotation from the paper:>
In [4] the authors present a multi-agent framework for MOON systems, focusing on automatic form filling in electronic commerce. The proposed framework utilizes cognitive rules based on form layout, incorporating a case rule for achieving a satisfactory success rate.

▼2023

Systems and methods for obtaining user parameters of e-commerce users to auto complete checkout forms
A Walters, FAT Abad, J Goodsitt
US Patent App. 18/190,945, 2023 - Google Patents
A system for obtaining user parameters of e-commerce users to auto complete checkout forms includes one or more processors configured to monitor user interactions of a user with …

▼2023

ML-based data-entry automation and data anomaly detection to support data quality assurance
H BELGACEM
2023 - orbilu.uni.lu
Data playsacentralroleinmodernsoftwaresystems, whichare very oftenpoweredbymachinelearning (ML) andusedincriticaldo-mains ofourdailylives …
<Quotation from the paper:>
To address this
challenge, Chusho et al. [CFM02] manually construct rules to merge similar concepts of commonly used field names.

▼2023

A machine learning approach for automated filling of categorical fields in data entry forms
H Belgacem, X Li, D Bianculli, L Briand
ACM Transactions on Software Engineering and Methodology
Volume 32, Issue 2, Article No.: 47, pp 1–40, Published: 04 April 2023
<Quotation from the paper:>
To address this challenge, Chusho et al. [19] manually construct rules to merge similar concepts of commonly used field names.

▼2022

A Machine Learning Approach for Automated Filling of Data Entry Forms
H Belgacem, X Li, D Bianculli, LC Briand,
ACM Transactions on Software Engineering and Methodology,
Vol. 1, No. 1, Article 1. Publication date: January 2022.
Users frequently interact with software systems through data entry forms. However, form filling is time-consuming and error-prone. Although several techniques have been proposed …
"To address this challenge, Chusho et al. [19] manually construct rules to merge similar concepts of commonly used field names."

▼2022

A smart identification system based on computer vision for supporting hotel check-in process
N Faksang, W Pannakkong 2022 - ethesisarchive.library.tu.ac.th
Citizen ID card verification is critical across various sectors, including banking, accesscontrol, product pickups, and hotel check-ins. However, the traditional manual registration ⋯

▼2020
　{米国特許} Providing context-aware input data

X Chang, WX Cheng, DS Meliksetian… - US Patent …, 2020 - Google Patents
External inter-application input field constraints that specify a configured association
relationship between an input field utilized during execution by a first application and
multiple input fields utilized during execution by a second application are generated in …

▼2020
　{米国特許} System and method for capturing information

AMH Benkreira, M Mossoba, J Edwards - US Patent 10,798,089, 2020 - Google Patents
Embodiments of the present disclosure relate to systems and methods for capturing
information. In addition, embodiments of the present disclosure relate to solutions for
capturing information using a web browser extension. Embodiments of the present …

▼2020
　{米国特許} Providing context-aware input data

X Chang, WX Cheng, DS Meliksetian… - US Patent …, 2020 - Google Patents
External inter-application input field constraints that specify a configured association
relationship between an input field utilized during execution by a first application and
multiple input fields utilized during execution by a second application are generated in …

▼2019
　{米国特許} Providing context-aware input data

X Chang, WX Cheng, DS Meliksetian… - US Patent …, 2019 - Google Patents
External inter-application input field constraints that specify a configured association
relationship between an input field utilized during execution by a first application and
multiple input fields utilized during execution by a second application are generated in …

▼2018
　{米国特許} System and method for facilitating an interactive engagement of a user with an online application

S Bose, V Goswami, S Garg, SL Sandhya… - US Patent …, 2018 - Google Patents
Abstract System and method for facilitating an interactive engagement of a user with an
online application is disclosed. The method comprises presenting one or more first
questions, to the user, associated with the online application. For the one or more first …

▼2016
　{米国特許} Providing context-aware input data

X Chang, WX Cheng, DS Meliksetian… - US Patent …, 2016 - Google Patents
This application is a continuation of and claims priority to and claims the benefit of US patent
application Ser. No. 12/954,203 titled "METHOD AND APPARATUS FOR PROVIDING
CONTEXT-AWARE INPUT DATA," which was filed in the United States Patent and
Trademark …

▼2014

Studies on Usability of Mobile Applications

MF Adak - Global Journal on Technology, 2014 - archives.un-pub.eu

Increasing trend for mobile devices raised the question of usability of mobile applications. A device is defined as mobile when it has a small size and a light weight. Hence a mobile device would have a small screen, which in turn requires small interfaces for mobile …

▼2013

An affordance-inspired tool for automated web page labeling and classification

KA Sittig - 2013 - dspace.mit.edu

Writing programs that are capable of completing complex tasks on web pages is difficult due to the inconsistent nature of the pages themselves. While there exist best practices for developing naming schemes for page elements, these schemes are not strictly enforced …

▼2011

An approach and tool support for assisting users to fill-in web forms with personal information

M Winckler, V Gaits, DB Vo, F Sergio… - Proceedings of the 29th …, 2011 - dl.acm.org

Web forms are massively used as a very effective way for user interaction with information systems. Notwithstanding, filling in forms with personal data can be tedious and repetitive. Due to legal and technical constraints, full interoperability of information systems is not a …

▼2009

Context-aware form filling for web applications

M Hartmann, M Muhlhauser - 2009 IEEE International …, 2009 - ieeexplore.ieee.org

Context-aware user interfaces facilitate the user interaction by suggesting or prefilling data derived from the user's current context. This raises the problem of determining which context information can be used as input for which interaction element in the user interface. This task

▼2008

Automatic form filling on mobile devices

E Rukzio, C Noda, A De Luca, J Hamard… - Pervasive and Mobile …, 2008 - Elsevier

Filling out forms for web based services on mobile devices is a very time consuming and frustrating task for users because of the limited text input capabilities. This is a critical bottleneck to obtaining a wide acceptance of such services, especially mobile commerce …

▼2008

User-Directed Privacy Protection in the Ubiquitous Environment

JH Lee, JK Park, SW Kim - 2008 IEEE/IFIP International …, 2008 - ieeexplore.ieee.org

In the ubiquitous environment, when a user obtains services from a domain and goes between domains, there is a need to move freely and have services provided continuously. Also, the service provider wants to authenticate a user easily. But a serious problem exists

▼2007

From information to interaction: in pursuit of task-centred information management

A Dix, A Katifori, A Poggi, T Catarci… - Proc. of DELOS …, 2007 - pdfs.semanticscholar.org

In this paper we describe two automatic inference mechanisms constructed around a personal ontology with the aim of providing human like assistance for form-filling. This is part of the wider vision of DELOS Task 4.8 Task-centered Information Management, which aims

▼2007

An Automatic Form Filling Function on Mobile Terminals
C Noda - nttdocomo.co.jp   Mar.2007
Mobile Internet applications and services have been widely deployed and extensively explored in the last decade. An increasing number of mobile services including Internet shopping, booking accommodation, and membership registration have become available …

▼2005

The Simplicity Architectural Concept
H Hussmann - academia.edu
（推測）2005 年？   wireless world research forum wwrf2005
Beyond 3G mobile systems are characterized by the usage of a multitude of different terminals, from high-end devices to miniaturized ubiquitous devices, as well as …

"Our form filling algorithm is based on a concept developed by Chusho et al [8]."

▼2004

Privacy-enhanced intelligent automatic form filling for context-aware services on mobile devices
E Rukzio, A Schmidt, H Hussmann - … Artificial Intelligence in …, 2004 - researchgate.net
In this paper we describe our approach to intelligent automatic form filling in the context of mobile services based on user data. In a small study we show that manual form filling is slow and perceived a stressful task. And hence it is not surprising that most current mobile …

▼2003

[引用] Software Agents to Support Administration in Asynchronous Team Environments.
R Tagg - ICEIS (4), 2003

以上