

# Library tour & Catalogue Plus

## Brief information



©by Conor Crowe

Dipl.-Bibl. Isabel Kowalewski  
Bibliothek Eupener Str.

Where we are...

**Not that far away!!!**



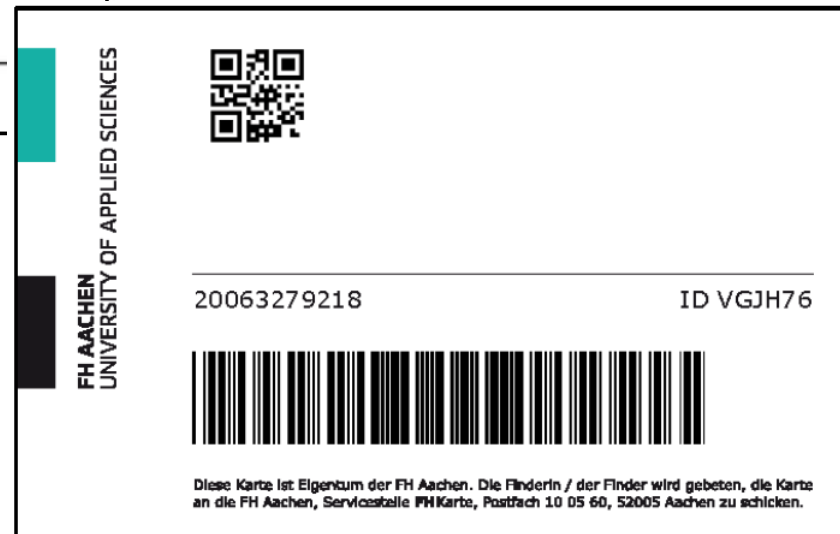
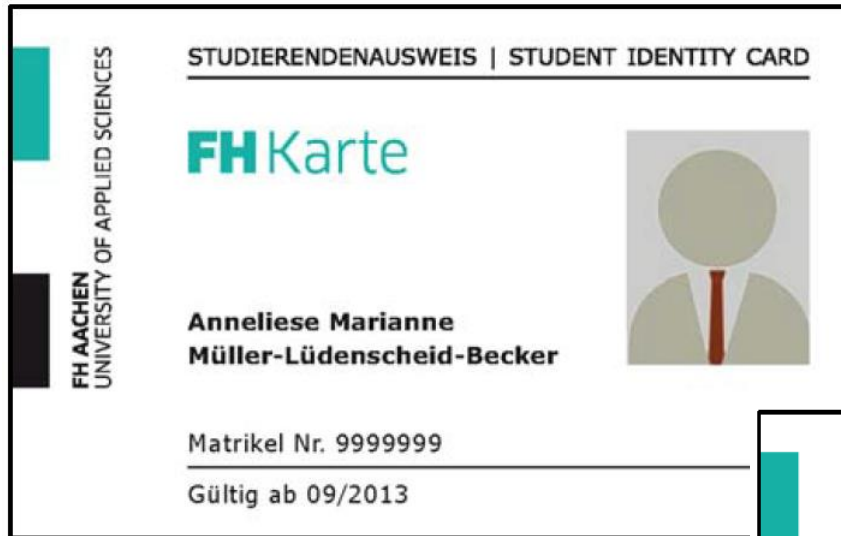
**10 min. walking-distance**

# Where we are...

## Eupener Str. 70



# Registration: FH Karte = Library card



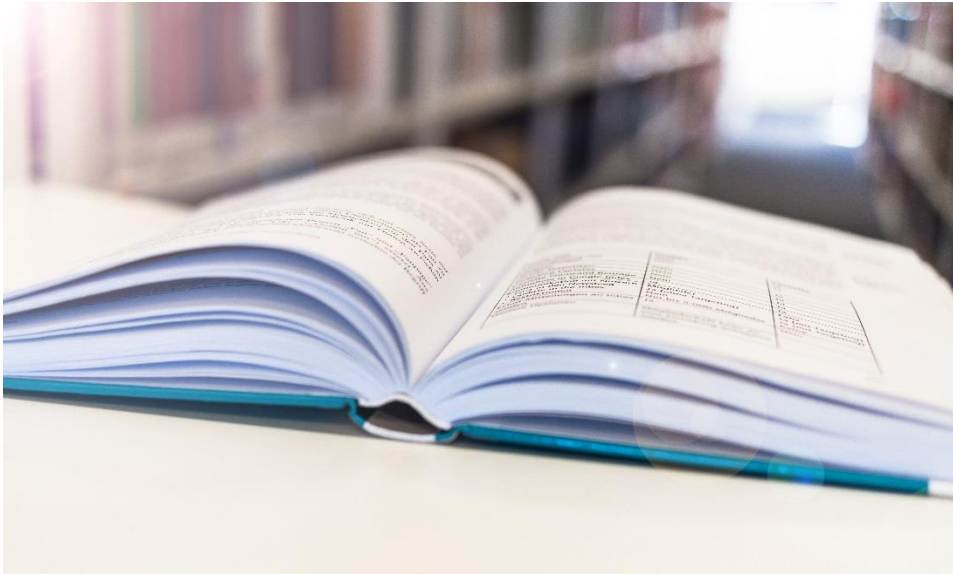
# Self service machine and pay station

## FH card and your password (standard: DDMM)



# Loan periods

---



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**Books and keys  
about 4 weeks**

**Journals  
for reference use  
only, but you scan  
articles in the library**

**Renewing the loan period (you can keep a book up to 24 weeks, you can renew books daily within that period of time):  
at the circulation desk, via phone or online  
Reminders are sent via e-mail 3 days before due dates**

in case of  
exceeded due dates



© Hermann Traub auf Pixabay



**1-10 days: 2 €/item**  
**11-20 days: 5 €/item**  
**21-30 days: 10 €/item**  
**31-40 days: 20 €/item**

# Login always with FH-ID and your password

PCs, printing station, renewal of due date



Quick Access

<p>Acquisition Request</p>	<p>Payment Options</p>	<p>Printing</p>
<p>Workspaces</p>	<p>Interlibrary Loan</p>	<p>Renewal</p>



# Printing in the Goethestr.

2 Printing Stations in the Goethestr.  
(Study room 03205 on the 3rd floor  
PC-Pool, 1st floor 01211)

Additional in Room 03205:  
1 PC and a pay station



# Searching for literature



Source: Librarian Image Net [http://www.librarian-image.net/img07/search\\_engine\\_web.jpg](http://www.librarian-image.net/img07/search_engine_web.jpg)  
(Date of last visit: March 03, 2020)

# Searching our collection: Catalogue PLUS



## Library Services for Students

☰ [more about this](#)



### Catalogue PLUS

Books, e-books, journals and more - the first step into your research. → [BIB-VPN](#)

### Databases

For a deeper dive into (re)search, there are subject-specific databases available.

→ [Access to Databases](#) → [VPN](#)

### Consultation & Training

Support with finding your way around the library as well as searching for, and managing, literature.

→ [Training Offers](#) [Contact](#)

Library homepage → <https://fhac.de/BIB-library>

# Catalogue PLUS for searching our collection

Search Additional Resources Courses Account

Log in

Catalogue 17 More 11,814 Other Libraries

mems microtechnology

17 Hits

Branch library: Eupener Str. Sorting: Newest first

1 MEMS and Microfluidics in Healthcare: Devices and Applications Perspectives  
edited by Koushik Guha, Gorachand Dutta, Arindam Biswas, K. Srinivasa Rao  
1st ed. 2023. - Singapore: Springer Nature Singapore, Imprint: Springer, 2023  
Online Edited collection, Electronic Resource  
available online: Springer Biomedical & Life Science 2023 (Volltext)

2 Piezotronics and Piezo-Phototronics: Applications to Third-Generation Semiconductors  
by Zhong Lin Wang, Yan Zhang, Weiguo Hu  
2nd ed. 2023. - Cham: Springer Nature Switzerland, Imprint: Springer, 2023  
Online Monograph, Electronic Resource  
available online: Springer Physics & Astronomy 2023 (Volltext)

3 Engineering of Micro/Nano Biosystems: Fundamentals & Applications  
edited by Gregory Barbillon, Alain Bosseboeuf, Kukjin Chun, Rosaria Ferrigno, Olivier Francois  
1st ed. 2020. - Singapore: Springer Singapore, Imprint: Springer, 2020  
Online Edited collection, Electronic Resource

Design and manufacturing of active microsystems  
Stephanus Büttgenbach ... ed  
Heidelberg [u.a.]: Springer, 2011  
Edited collection, Printed Resource  
Available  
21 YFB 141

Period of Publication

Access

Media Type

Source Type

Subject

Subject Heading

# Display of a book

Hit 8 of 17 for Catalogue

< Previous hit

Next hit >

## Design and manufacturing of active microsystems

Stephanus Büttgenbach ... ed

Heidelberg [u.a.]: Springer, 2011

Edited collection, Printed Resource - XII, 444 S. : Ill. graph. Darst. ; 25 cm

☆ [save](#)



### Library stock / Holdings

Status	Branch library	Location	Call number	Media number
Available	Eupener Straße	Freihand	21 YFB 141	21 YFB 141
On loan - 31.12.2070	Eupener Straße	Freihand	21 YFB 141	21 YFB 141+1

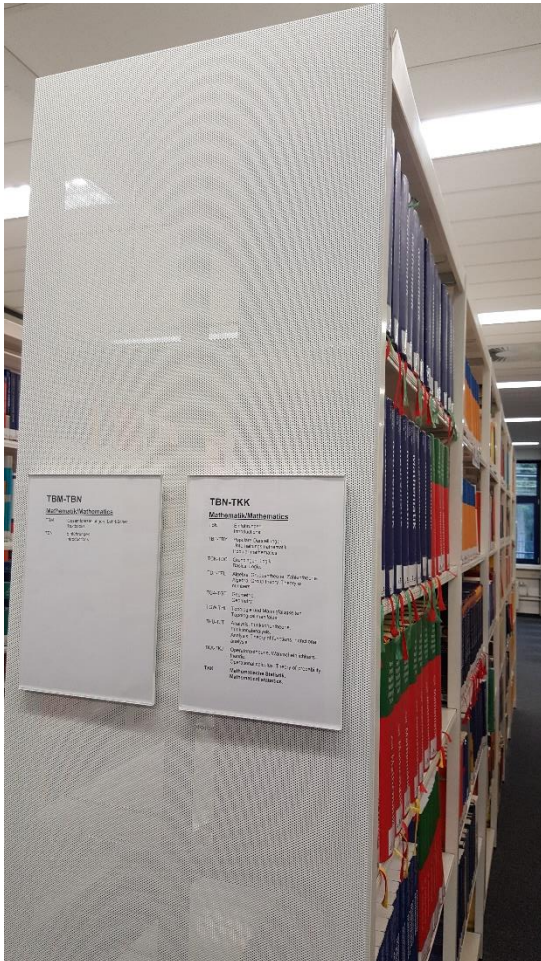
### Content Description

This book presents the design and manufacturing of microsystems as well as necessary key technologies developed within the Collaborative Research Center 516. The research efforts of this collaboration are focused on active micro systems which are based on the electromagnetic actuator principle. The travel of the investigated actuator systems is on the order of several millimeters. The total construction size of the actuator is on the range of several centimeters, whereas essential structures being several micrometers. The

### Bibliographic Details

**Title:** Design and manufacturing of active microsystems  
**Statement of Responsibility:** Stephanus Büttgenbach ... ed  
**Author / Contributor:** Büttgenbach, Stephanus (1945-)

# How to find a book



## 21 ZSS 28(2)+1

Location / subject / book-number / edition / number of copy

- Systematic shelving (subject-oriented order)
- Plates stating what is to be found on each shelf

# How to find and use e-books...

Search filters set

✕ Access: **Online Resources**

1

## [Encyclopedia of smart materials](#)

editor-in-chief Abdul-Ghani Olabi (University of Sharjah, Sharjah, United Arab Emirates Aston University, Birmingham, United Kingdom)

Amsterdam: Elsevier, 2022

🌐 Online 📖 Reference work, Sammelwerk, Electronic Resource

Access: [Elsevier ScienceDirect Books Complete \(Volltext\)](#) +1

2

## [Carbon-Based Smart Materials](#)

Constantinos A. Charitidis, Elias P. Koumoulos, Dimitrios A. Dragatogiannis  
Berlin ; Boston: De Gruyter, [2020]

🌐 Online 📖 Official publication, Reference work, Sammelwerk, Electronic Resource

Access: [Open Research Library \(Open Access\) \(Volltext\)](#) +1

3

## [Smart textiles and their applications](#)

editor, Vladan Koncar

Duxford, [England] ; Cambridge, Massachusetts ; Kidlington, [England]: Woodhead Publishing, 2016

🌐 Online 📖 Bibliography, Reference work, Sammelwerk, Electronic Resource

Access: [Elsevier ScienceDirect Books Complete \(Volltext\)](#)

4

## [Electronic textiles: smart fabrics and wearable technology](#)

edited by Tilak Dias ; contributors, C. F. Anderson [and thirty others]

Amsterdam, Netherlands: Woodhead Publishing, 2015

🌐 Online 📖 Bibliography, Monograph, Reference work, Electronic Resource

Access: [Elsevier ScienceDirect Books Complete \(Volltext\)](#)



# Encyclopedia of Smart Materials

Reference Work • 2022



Editor-in-Chief:  
Abdul-Ghani Olabi

↓ About this publication

## Browse this book

↓ By table of contents

↓ By authors

↓ By subject index

## Book description

Encyclopedia of Smart Materials, Five Volume Set covers materials that have one or more property that can be significantly changed in a controlled fashion by external stimuli, such ... [read full description](#)

Search in this publication



## Browse content

Table of contents

Authors

Subject index

General information

> Volume 1

> Volume 2

> Volume 3



# Browse content

[Table of contents](#) [Authors](#) [Subject index](#) [General information](#)

---

- > *Volume 1*
- > *Volume 2*
- > *Volume 3*
- ✓ *Volume 4*
- ✓ *Piezoelectric and Magnetostrictive Materials*

> [Piezoelectricity](#)

✓ [Piezoelectric Materials](#)

Encyclopedia ● Full text access

## Piezoelectric Ceramics

Torsten Granzow, Sebastjan Glinsek and Emmanuel Defay

Pages 22-34

[Download PDF](#) [View abstract](#) ▾

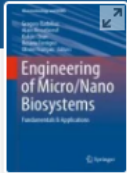
Encyclopedia ● Full text access

## Piezoelectric III-V and II-VI Semiconductors

Fabien Massabuau and Yonatan Calahorra

Pages 35-49

[Download PDF](#) [View abstract](#) ▾



Book | © 2020

# Engineering of Micro/Nano Biosystems

## Fundamentals & Applications

**Editors:** [Gregory Barbillon](#), [Alain Bosseboeuf](#), [Kukjin Chun](#), [Rosaria Ferrigno](#), [Olivier Français](#)

Brings together expertise in biology, fluidics, mechanics, optics, electrical engineering, magnetism, micro/nano fabrication and characterization techniques for the design and building of bio-devices and lab-on-chip systems

Provides comprehensive information on biological processes and physical phenomena at the micro/nano scale involved in transport, manipulation and bio sensing in highly miniaturized fluidic and/or bio-devices

Covers a broad range of techniques used in state-of-the-art micro/nano fluidic and bio devices both from the theoretical and engineering point of view

Explains remaining scientific and technical challenges to overcome commercialization bottlenecks and gives general guidelines for the design of state-of-the art micro-nano Biosystems

**Part of the book series:** [Microtechnology and MEMS](#) (MEMS)

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<a href="#">Softcover Book</a>	EUR 117.69
<a href="#">Hardcover Book</a>	EUR 160.49
<a href="#">MyCopy Softcover</a>	EUR 39.99

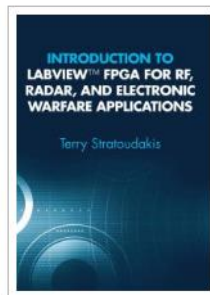
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# E-Books – an other access type


ProQuest Ebook Central™


Keyword, Author, ISBN, and more

Advanced Search Browse Subjects



 Read Online

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 Add to Bookshelf

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## Introduction to LabVIEW FPGA for RF, Radar, and Electronic Warfare Applications

Terry Stratoudakis

### Availability

You may request this book from your library.

ACHTUNG: Dieser Titel ist nur für Hochschulangehörige nach Anmeldung verfügbar.

 Download PDF Chapter  
Get up to 76 pages, use any PDF software, does not expire.

### Description

Real-time testing and simulation of open- and closed-loop radio frequency (RF) systems for signal generation, signal analysis and digital signal processing require deterministic, low-latency, high-throughput capabilities afforded by user reconfigurable field programmable gate arrays (FPGAs). This comprehensive book introduces LABVIEW FPGA, regularizes best practices for multi-FPGA solutions, and guidance for development links them without Show more

### Table of Contents

Intro  Download PDF  Read Online  
pp i-; 1 page

Introduction to LabVIEW™ FPGA for RF, Radar, and Electronic Warfare Applications  Download PDF  Read Online  
pp 1-250; 250 pages  
What can I do?

▶ Show Subsections

### Book Details

TITLE  
Introduction to LabV and Electronic Warfa

EDITION  
1

AUTHOR  
Terry Stratoudakis

PUBLISHER  
Artech House

PRINT PUB DATE  
2021-01-31

EBOOK PUB DATE  
Show more

Read online for 5 minutes, then ...

The screenshot shows the ProQuest Ebook Central interface. The top navigation bar includes 'Home', 'Search', 'Bookshelf', 'Settings', and 'Sign In'. The main content area features a large, dark blue background with the book title 'INTRODUCTION TO LABVIEW™ FPGA FOR RF, RADAR, AND ELECTRONIC WARFARE APPLICATIONS' in white and light blue text, and the author's name 'Terry Stratoudakis' in light blue at the bottom. On the left side, there is a sidebar with a search bar, a 'TABLE OF CONTENTS' section listing 'Intro' and 'Introduction to LabVIEW™ FPGA for RF, Radar, and Electronic Warfare Applications', and a 'Search within book' field.

## Login FH Aachen

### Anmeldung

Anmelden bei ProQuest Ebook Central  
ProQuest Ebook Central – E-Books für wissenschaftliche Bibliotheken. Die Ebook Central ist eine Plattform für den Erwerb und die Ausleihe von E-Books – und speziell auf den Bedarf wissenschaftlicher Bibliotheken ausgerichtet. Das Titelangebot umfasst E-Books von nahezu 600 internationalen und deutschen Wissenschaftsverlagen.

**FH-Kennung**

**Passwort**

[Passwort vergessen?](#)

- Anmeldung nicht speichern
- Lösche die frühere Einwilligung zur Weitergabe Ihrer Informationen an diesen Dienst.

Bitte nutzen Sie für die Anmeldung als Benutzernamen Ihre [FH-Kennung](#) mit Ihrem FH-Passwort.

**Studierende:** mm12345s

**Beschäftigte (ab August 2015):** mm1234e

**Beschäftigte (bis August 2015):** mustermann

**Externe Bibliotheksbenutzer:** mm12345b

[Hilfe benötigt?](#)



**Office Hohenstaufenallee  
04104**



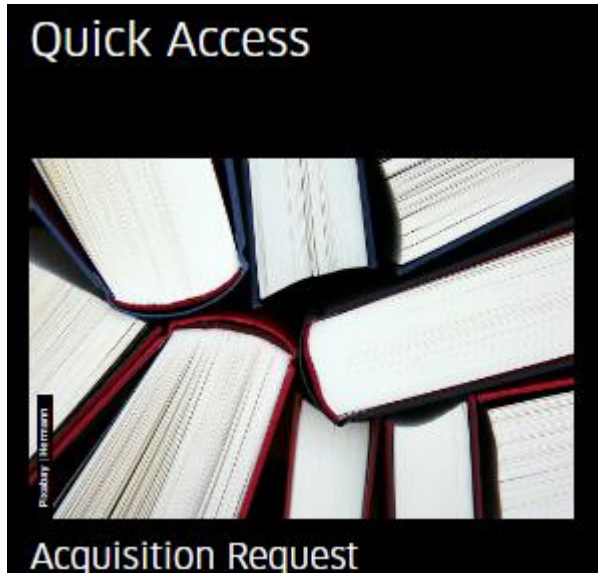
**ILIAS eLearning**



**VPN**

**Two-factor authentication**

# Something is missing in our collection?



Hilfcenter FH Aachen / Bibliothek  
Anschaffungsvorschlag

Hier können Sie Medien, die Ihnen im Bestand der Bibliothek fehlen, zur Anschaffung vorschlagen.

Diese Anfrage stellen für:

○ Isabel Kowalewski

Medium (optional)

Autor:in | Author

Titel | Title

Verlag | Publisher

ISBN/DOI

Erscheinungsjahr | Year of publication

Anzahl | Number of copies\*

Bitte geben Sie an, wie viele Exemplare Sie zur Anschaffung vorschlagen. | Please specify how many copies you are...

Bibliothek | Library\*

None

# Searching for more literature (articles, conference papers etc.)



## Library Services for Students

≡ more about this



### Catalogue PLUS

Books, e-books, journals and more - the first step into your research. → [BIB-VPN](#)

### Databases

For a deeper dive into (re)search, there are subject-specific databases available.

→ [Access to Databases](#) → [VPN](#)

### Consultation & Training

Support with finding your way around the library as well as searching for, and managing, literature.

→ [Training Offers](#) [Contact](#)

Library homepage → <https://fhac.de/BIB-library>



# Catalogue PLUS – tab page „More“

The screenshot shows the search results page for "smart materials" on the FH Aachen University of Applied Sciences Catalogue PLUS. The search bar at the top shows "smart materials" with a search button. Below the search bar, there are tabs for "Catalogue 142", "More 220,449" (highlighted with a red box), and "Other Libraries". The results are sorted by Relevance, and the period of publication is set to 1478-2023. The results list includes four items, each with a "How do I get it?" button, a star icon, and a quote icon. The first item is "Carbon-Based Smart Materials" by Charitidis, Constantinos A.; Koumoulos, Elias P.; et al. (2020), available as an online e-book via Volltext. The second item is "Morphological Fabrication of Equilibrium and Auditory Sensors through Electrolytic Polymerization on Hybrid Fluid Rubber (HF Rubber) for Smart Materials of Robotics" by Shimada, K. (2022), an academic journal. The third item is "Shape Memory Polymers as Smart Materials: A Review" by Dayyoub, Tarek; Maksimkin, Aleksey V.; et al. (2022-09-01), an online academic journal article available via Volltext (PDF). The fourth item is "Micromechanical properties of pH-sensitive smart materials" by Yu, Miao; Zhao, Wu; et al. (2021-08-23), an online conference paper available via Volltext. On the right side, there are filters for "More search results" (Search within document full texts, Search for equivalent subjects), "Less results" (Only hits with online fulltexts, Only peer reviewed hits), "Source Type" (Academic Journals: 105,344; Conference Materials: 28,004; News: 21,214; Magazines: 20,762; Books: 11,944; 11 additional...), and "Subject" (smart materials: 29,717; general materials science: 15,830; condensed matter physics: 14,744).

Home / Search / Search results

Catalogue 142 **More 220,449** Other Libraries

"smart materials" Search

More search fields

220,449 Hits

Sorting: ↑ Relevance

Period of Publication: 1478 - 2023

More search results

- Search within document full texts
- Search for equivalent subjects

Less results

- Only hits with online fulltexts
- Only peer reviewed hits

Source Type

Academic Journals	105,344
Conference Materials	28,004
News	21,214
Magazines	20,762
Books	11,944
▼ 11 additional...	

Subject

smart materials	29,717
general materials science	15,830
condensed matter physics	14,744

1 **Carbon-Based Smart Materials**  
Charitidis, Constantinos A.; Koumoulos, Elias P.; et al.  
2020  
Online E-Book  
Access: [Volltext](#)

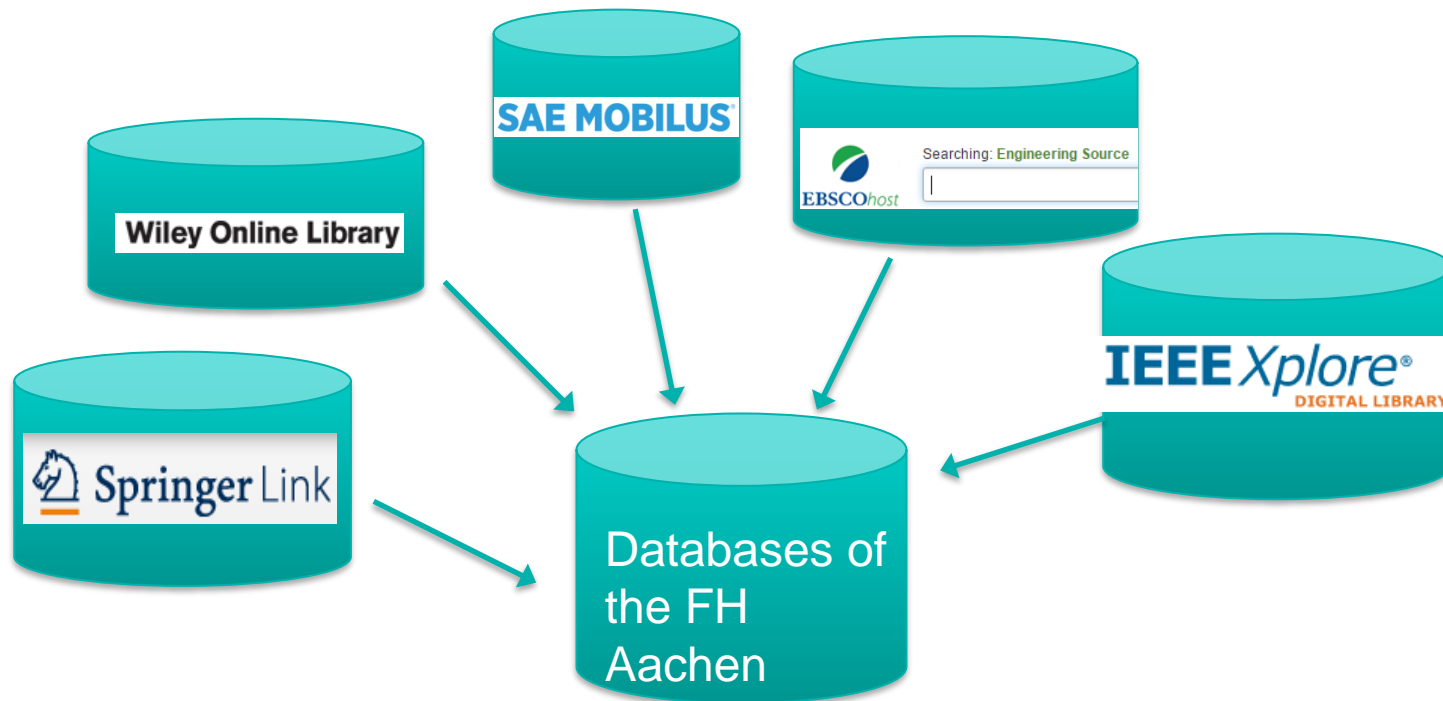
2 **Morphological Fabrication of Equilibrium and Auditory Sensors through Electrolytic Polymerization on Hybrid Fluid Rubber (HF Rubber) for Smart Materials of Robotics**  
Shimada, K.  
2022  
Academic Journal

3 **Shape Memory Polymers as Smart Materials: A Review**  
Dayyoub, Tarek; Maksimkin, Aleksey V.; et al.  
In: Polymers (20734360) , Vol. 14 (2022-09-01), Issue 17, P. 3511-3536  
Online Academic Journal  
Access: [Volltext \(PDF\)](#) *Siehe Detailanzeige für Volltext*

4 **Micromechanical properties of pH-sensitive smart materials**  
Yu, Miao; Zhao, Wu; et al.  
In: IEEE 17th International Conference on Automation Science and Engineering (CASE): (2021-08-23) S. 1447-1451  
Online Conference  
Access: [Volltext](#)

# Catalogue PLUS– tab page „More“

More than 140 databases...



# Refine search results

The screenshot shows a library search interface. At the top, there's a search bar with the query "smart materials" and a search button. Below the search bar, it indicates "220,449 Hits" and a sorting option of "Relevance". A pagination bar shows page 1 of 5. The main content area lists four search results, each with a title, author, year, and access information. A red box highlights the "Search filters set" sidebar on the right, which includes filters for "Subject: smart materials" and "Subject: intelligent materials", a "Period of Publication" slider set to 2015-2022, and options for "More search results" and "Less results".

[/ Search / Search results](#)

Catalogue **142** More **220,449** Other Libraries

"smart materials"

▼ More search fields

**220,449 Hits** Sorting:

K < 1 2 3 4 5 >

1 **Carbon-Based Smart Materials**  ☆

Charitidis, Constantinos A. ; Koumoulos, Elias P. ; et al.  
2020  
Online E-Book  
Access: [Volltext](#)

2 **Morphological Fabrication of Equilibrium and Auditory Sensors through Electrolytic Polymerization on Hybrid Fluid Rubber (HF Rubber) for Smart Materials of Robotics**  ☆

Shimada, K  
2022  
Academic Journal

3 **Shape Memory Polymers as Smart Materials: A Review**  ☆

Dayyoub, Tarek ; Maksimkin, Aleksey V. ; et al.  
In: Polymers (20734360) , Vol. 14 (2022-09-01), Issue 17, P. 3511-3536  
Online Academic Journal  
Access: [Volltext \(PDF\)](#)   *Siehe Detailanzeige für Volltext*

4 **Micromechanical properties of pH-sensitive smart materials**  ☆

Yu, Miao ; Zhao, Wu ; et al.  
In: IEEE 17th International Conference on Automation Science and Engineering (CASE), (2021-08-23) S. 1447-1451  
Online Conference  
Access: [Volltext](#)

**Search filters set**

- ✗ Subject: smart materials
- ✗ Subject: intelligent materials

**Period of Publication**

0 1500 1900 1980 2005 2023

2015  2022

**More search results**

- [Search within document full texts](#)
- [Search for equivalent subjects](#)

**Less results**

- [Only hits with online fulltexts](#)
- [Only peer reviewed hits](#)

**Source Type**

Academic Journals	<b>26</b>
Magazines	<b>1</b>

**Subject**

4d printing	<b>4</b>
rapid prototyping	<b>4</b>
shape memory polymers	<b>4</b>
smart structures	<b>4</b>

# How do I get it?



## Miniaturized Origami Robots: Actuation Approaches and Potential Applications.

Tang, Junjie ; Wei, Fanan

In: Macromolecular Materials & Engineering; Feb2022, Vol (ISSN 1438-7492 (print)), Vol. 307 (2022-02-01 Issue 2, P. 1-15

Academic Journal

## Online

- 1 Online resources licensed by the Library:  
"Macromolecular materials and engineering.": Available from 2000 volume: 274.<br>

Access: [Wiley DEAL](#)

## In other libraries

- 1 North Rhine-Westphalia Union Catalogue (hbz):  
[Macromolecular materials and engineering](#)  
2000-  
[1010](#) [Gelsenkirchen] :  
[1032](#) [Köln] :  
[1044](#) [Sankt Augustin] :  
[107](#) [Snever] :



## Via Inter-Library Loan

- 1 North Rhine-Westphalia Union Catalogue (hbz):  
[Macromolecular materials and engineering : MME](#)  
2000-[2017]  
Location evidence in 2 libraries.

[To ILL Order Form](#)

# More databases ...



## Library Services for Students

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### Catalogue PLUS

Books, e-books, journals and more - the first step into your research. → [BIB-VPN](#)

### Databases

For a deeper dive into (re)search, there are subject-specific databases available.

→ [Access to Databases](#) → [VPN](#)

### Consultation & Training

Support with finding your way around the library as well as searching for, and managing, literature.

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# More databases – Engineering Source



Searching: **Engineering Source** | Choose Databases

aviation maintenance  Select a Field (optional)   

AND  Select a Field (optional)

AND  Select a Field (optional)

[Basic Search](#) [Advanced Search](#) [Search History](#) ▶

## Refine Results

### Current Search

Find all my search terms:  
aviation maintenance

### Limit To

- Full Text
- Peer Reviewed
- PDF Full Text

1923 Publication Date 2017

Show More

### Source Types

- All Results
- Academic Journals (395)
- Magazines (103)
- Conference Papers (6)
- Books (2)

Show More

### Subject

### Publication

## Search Results: 1 - 50 of 588

Relevance ▾ Page Options ▾

### 1. Causes and Trends in **Maintenance-Related Accidents** in FAA-Certified Single Engine Piston Aircraft.



By: Boyd, Douglas; Stolzer, Alan. Journal of **Aviation** Technology & Engineering. 2015, Vol. 5 Issue 1, p17-24. 8p. DOI: 10.7771/2159-6670.1123

The accident rate for general **aviation** remains high. While most general **aviation** accident studies have been pilot-focused, there is little research on the involvement of aircraft **maintenance** erro...

**Subjects:** PISTONS -- Design & construction; UNITED States. Federal **Aviation** Administration

(3.2MB)

### 2. An Exploratory Study: Correlations Between Occupational Stressors, Coping Mechanisms, and Job Performance Among Chinese **Aviation Maintenance Technicians**.



By: Yu Wang; Keller, Julius C.; Chenyu Huang; Fanjoy, Richard O. Journal of **Aviation** Technology & Engineering. 2016, Vol. 5 Issue 2, p69-80. 12p. DOI: 10.7771/2159-6670.1129

**Aviation maintenance** technicians play a vital role in air transportation. These workers are responsible for keeping aircraft airworthy and executing safety responsibilities. Undesirable stress le...

**Subjects:** AERONAUTICS; JOB performance

(379KB)

### 3. Availability based Optimal **Maintenance Policies** in Military **Aviation**.



By: RAI, RAJIV NANDAN; BOLIA, NOMESH. International Journal of Performability Engineering. Sep2014, Vol. 10 Issue 6, p641-648. 8p.

**Aviation** components are considered repairable and subjected to **maintenance** actions at various levels. The paper discusses general renewal process for an aero engine as repairable component. Relia...

**Subjects:** MAINTENANCE; QUALITY of products; INDUSTRIAL costs; SPECIFICATIONS; FACILITY management

(414KB)

### 4. Performance Measurement of Depot Level **Maintenance** in Military **Aviation** Environment.



By: CHABRA, SAMIR; GANDHI, O. P.; DESHMUKH, S. G. International Journal of Performability Engineering. Sep2012, Vol. 8 Issue 5, p527-537. 11p.

The enormous asset dimension in terms of investments, technology, lifespan and end use of aerospace assets makes **maintenance** an important business process. The performance measurement of depot le...

**Subjects:** MILITARY aeronautics -- Equipment & supplies -- **Maintenance** & repair; PERFORMANCE evaluation; SERVICE life (Engineering); MANUFACTURING processes; AIRCRAFT industry

(182KB)

# More databases - SAE Mobilus

## SAE MOBILUS™

Provided by: Fachhochschule Aachen Hochschulbibliothek

SPRACHE AUSWÄHLEN ▾  HELP 



SAE MOBILUS HOME

SEARCH

DASHBOARD

HELP

"truck wheels" X

in: Metadata + Full Text ▾

SEARCH

Advanced Search

— Minimize Filter

APPLY RESET SAVE

SHOW ONLY

Newly Added Content

FILTERS

Collections +

Content Types +

Dates +

Sectors +

Topics +

Authors +

Publishers +

Affiliations +

Committees +

SUBSCRIBED (104)

NON-SUBSCRIBED (1)

SEARCH HISTORY

Displaying results 1-10 of about 104

Sort By Relevance ▾

Per Page 10 ▾

Select All

< Previous 1 2 3 4 5 6 7 8 9 10 Next >

**Wheels - Passenger Car and Light Truck Performance Requirements and Test Procedures**

Current

Published 2016-03-18 by SAE International in United States

Ground Vehicle Standard


J328\_201603

...normal highway use and temporary use on passenger cars, light trucks, and multipurpose vehicles. For heavy truck wheels and wheels intended to be used as duals, see SAE J267. For wheels used on trailers drawn by passenger cars, light trucks, or multipurpose vehicles, see SAE J1204. These minimum performance requirements apply only to wheels made of materials included in Tables 1 to 4. The minimum cycles noted in Tables 1 through 4 are to be used on individual test and a sample of tests.....

[Show Abstract >](#)

**Rationale and Methodology for Straightening A356-T6 Wheels**

Ken Archibald - *Independent Test Services*, Kyle Archibald - *Independent Test Services*, Donald Neubauer - *NBT Global, Inc.*

DOI: 10.4271/2016-01-1573 

Published 2016-04-05 by SAE International in United States

Technical Paper


2016-01-1573

The straightened wheels were tested using SAE J328 apparatus to cycles commonly accepted for OE passenger car and light truck wheels. The testing included the following:...

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**Lightweight Design and Construction of Aluminum Wheels**

Federico Ballo - *Politecnico di Milano*, Roberto Frizzi - *Cromodora Wheels*, Gianpiero Mastinu - *Politecnico di Milano*, Donato Mastroberti - *Cromodora Wheels*, Giorgio Previati - *Politecnico di Milano*, Claudio Sorlini - *Cromodora Wheels*

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www.fh-aachen.de



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