

DEFENSE TECHNICAL INFORMATION CENTER

A DoD Field Activity Providing Access to Defense Information Since 1945

2011 DTIC CONFERENCE

DTIC: Your Authoritative Source of Defense Information for the Front Line and the Homeland

April 4-5, 2011

DTIC Online Access Controlled: Your Gateway to Essential Information to Enhance Your Mission

5 April 2011

**Ms. Candy Parker
Ms. Karen Nimerick**

Approved for Public Release

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Information for the Defense Community 



DTIC Online Access Controlled: Your Gateway to Essential Information to Enhance Your Mission

Ms. Candy Parker
Lead Instructor, DTIC

Ms. Karen Nimerick
Instructor, DTIC

DTIC Online Access Controlled

<https://www.dtic.mil>

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Home DTIC A-Z DoDTechipedia Aristotle Ask a Librarian Submit Documents Customer Support

SEARCH DoD Sites & Collections GO More Search Options Shopping Cart Bibliography Saved Searches

DoDTechipedia

DoDTechipedia is DoD's first enterprise-wide, social-networking tool focused on the science and technology community. Using a wiki format, DoDTechipedia's goal is to foster communication and collaboration among DoD scientists, researchers, program managers, acquisition professionals and warfighters that results in greater capability and more rapidly implemented solutions being deployed to the warfighter.

DTIC Online Try our new beta SEARCH

Information for the Defense Community

Home DTIC A-Z Submit Documents Current Issues Ask a Librarian S&T Resources

Search DoD Sites & Collections GO More Search Options

MultiSearch Registration Search Technical Reports Information Analysis Centers Customer Support

DTIC has a new public search. The prototype is running in parallel and will soon replace the current DTIC Online search. Please try our beta Search now and send us your Feedback.

Welcome to DTIC: Provider of DoD Technical Information to Support the

DoD R&E Success Story

Trouble Reaching DTIC? Call These Numbers ...

Look and feel similar for public and limited sites:

- DTIC Online Access Controlled (DOAC) (Green)
 - <https://www.dtic.mil>
- DTIC Online Public (Blue)
 - <http://www.dtic.mil>

Acquisition Information

access military standard

Standards the Department of Defense (DODSS) provide documents includes an exhaustive warehouse documents. ASSIST is the official source of DOD specifications and standards.

Distribution A

TEMS

Open Now

- DTIC Boot Camp
- DTIC Online Navigation Guide
- Employment
- New Public Search (beta)
- Technical Reports

The DTIC Maritime Review Domain Awareness (MDA)

Open Government Initiative
TRANSPARENCY + PARTICIPATION + COLLABORATION

Recent Enhancements Homepage



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[Access restricted to DTIC Registered users.](#)

ASSIST

[Acquisition Streamlining & Standardization Information System \(ASSIST\)](#) Online provides access to current information associated with military and federal specifications and standards in the management of the Defense

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Quick Links

- [Current Issues](#)
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- [Tutorials](#)

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Customize Your Home Page

Start here to customize your interface. Choose one of these content categories.

[Acquisition](#)
[General Interest](#)
[Resource Management](#)
[Science and Technology](#)

- DoDTechipedia and Aristotle are links in the banner.
- Welcome portlet is permanent.
- Quick Links now includes Announcements.
- S&T Resources & Current Issues are listed under the new Quick Links.

Recent Enhancements Date Searching

More Search Options

Field
Specific
Search

Full Record:

all of these words

Title:

all of these words

Author:

all of these words

Accession Number:

any of these terms

Date:

- All dates
- All dates
- Last 7 days
- Last 30 days
- Last 3 months
- Last 12 months
- Before this date...
- After this date...
- Specific date range...

- Expanded date searching on the More Search Options page.
- Select the preferred option under Date and use the calendar to enter specific dates.
 - Before this date...
 - After this date...
 - Specific date range...

Recent Enhancements Delete Warning



Default Bibliography
(10 citations) Help

Select: All | None Selected: Delete Export

View Citation
Title: THE USE OF A LASER AS A LIGHT SOURCE FOR PHOTOGRAPHIC LIGHT SCATTERING FROM POLYMER FILMS
Author: RHODES, MARION B KEEDY, DANIEL A STEIN, RICHARD S
Corporate Author: MASSACHUSETTS UNIV AMHERS
Report Date:
Pages: 1 page(s)
Accession Number: AD0293290
Distribution Code: 01 - APPROVED FOR PUBLIC RELEASE
Report Classification: U - Unclassified
Collection: Technical Reports (pub-tr)

View Citation
Title: SURFACE NORMALIZATION OF SENSITIZED STAINLESS STEEL BY LASER SURFACE MELTING,
Author: Anthony, T R Cline, H E
Corporate Author:

Deleting Selected Items ✕

Are you sure you want to delete the selected bibliography items?

When you select items to delete from your bib, you receive a warning.

Candace parker's Saved Searches
(40 searches) Help

Select: All | None Selected: Delete Show Details Hide Details

Saved Search	
<input type="checkbox"/>	<input checked="" type="checkbox"/> Cyberwarfare-2
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> test 1
<input type="checkbox"/>	<input checked="" type="checkbox"/> test
<input type="checkbox"/>	<input checked="" type="checkbox"/> Protective Clothing-2
<input type="checkbox"/>	<input checked="" type="checkbox"/> DTRA reports by corporate na
<input type="checkbox"/>	<input checked="" type="checkbox"/> DTRA reports by corporate na
<input type="checkbox"/>	<input checked="" type="checkbox"/> DTRA reports by corporate na
<input type="checkbox"/>	<input checked="" type="checkbox"/> 401149 or 407445 or 407145
<input type="checkbox"/>	<input checked="" type="checkbox"/> DTRA reports by corporate name-2
<input type="checkbox"/>	<input checked="" type="checkbox"/> DTRA reports-result differences between SC and CA search

Deleting Selected Items ✕

Are you sure you want to delete the selected saved searches?

test 1

When you select saved searches to delete, you receive a warning.



DTIC Online Access Controlled

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- [Forms & Guides](#)
- [MultiSearch](#)
- [S&T Resources](#)

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 [DTIC CARES Feedback Form](#)

Customize Your Home Page **E**

Start here to customize your interface. Choose one of these content categories.

- [Acquisition](#)
- [General Interest](#)
- [Resource Management](#)
- [Science and Technology](#)

For more information about customizing your home page, see [DTIC Online Help](#)



Three portlets are permanent and cannot be moved. They can be minimized.

- Welcome to DTIC
- Quick Links
- **Customize Your Home Page**
 - Add portlets – click on the “E”

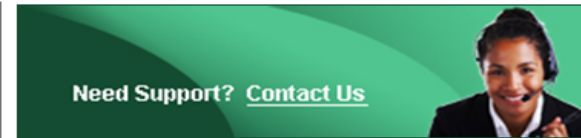


Add a Portlet

Welcome to DTIC

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 - [DoD Root Certificates](#)
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Customize Your Home Page



Start here to customize your interface. Choose one of these content categories.

- [Acquisition](#)
- [General Interest](#)
- [Resource Management](#)
- [Science and Technology](#)

For more information about customizing your home page, see DTIC Online [Help](#)

Edit portlets by clicking on the "E" or selecting one of the categories.



Select and Add Portlets

Expand All

- Expand the list of available portlets.
- Click icon on the right side of the page for more information about the resource.
- Make your selection.
- Scroll to the bottom of the page and add selection(s).

Aristotle

ASSIST

AULIMP

British Library

DoD Strategic Documents

DoDTechipedia

DTIC Review

DTIC S,IR/SSTR Human Systems and Biomedicine Web S

IACs

JEL

MultiSearch

Tools

Topic LINKS

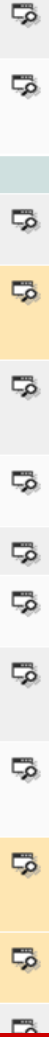
Wisconsin Project Risk Report

Resource Management

Science and Technology

Add Selected

Cancel



Drag and Position a Portlet


Welcome to DTIC

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Quick Links


- [Current Issues](#)

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[DTIC CARES Feedback Form](#)

Customize Your Home Page

- Added portlets are located at the bottom of the right column.
- Use the arrow to  drag and position the portlet on the page in one of the three columns.

The [Joint Electronic Library \(JEL\)](#) is the primary authoritative source of joint doctrine, education, training and related information. The JEL contains a searchable database of all approved Joint Doctrine Publications, the Department of Defense (DoD) Dictionary, and is the sole authoritative source for Universal Joint Task List (UJTL).

Common Access Card (CAC) Required

[DTIC Review](#)

The [DTIC Review](#) brings its readers the full-text of selected technical reports and a bibliography of other references of interest under one cover. Each issue provides a sampling of documents from a DTIC collection on a specific topic of current interest.

Minimize & Maximize a Portlet

The [Joint Electronic Library \(JEL\)](#) is the primary authoritative source of joint doctrine, education, training and related information. The JEL contains a searchable database of all approved Joint Doctrine Publications, the Department of Defense (DoD) Dictionary, and is the sole authoritative source for Universal Joint Task List (UJTL).

Common Access Card (CAC) Required

Minimize button

Maximize button

- Minimize (-) to show only the portlet header.
- Bar icon is replaced by a square icon.
- Clicking on the square will restore the portlet to its original size.

DTIC CARES Feedback Form

Customize Your Home Page

DoD Congressional Budget

Tools

Welcome to DTIC

Information Center (DTIC) is the DoD technical information. DTIC is a DoD Under Secretary of Defense for Policy and Logistics, reporting to the Director, Defense Research and Engineering (DDR&E).

Quick Links

DTIC Review

The [DTIC Review](#) brings its readers the full-text of selected technical reports and a bibliography of other references of interest under one cover. Each issue provides a sampling of documents from DTIC's technical information collection.

X to Remove a Portlet

ASSIST [X]

Acquisition Streamlining & Standardization Information System (ASSIST) Online provides access to current information associated with military and federal specifications and standards in the management of the Defense Standardization Program (DSP). Managed by the Department of Defense Single Stock Point (DODSSP), Philadelphia, ASSIST-Online provides public access to standardization documents over the Internet. ASSIST-Online includes many powerful reporting features and an exhaustive collection of both digital and warehouse documents. ASSIST is the official source of DOD specifications and standards.

Distribution A

JEL [X]

The Joint Electronic Library (JEL) is the primary authoritative source of joint doctrine, education, training and related information. The JEL contains a searchable database of all approved Joint Doctrine Publications, the Department of Defense (DoD) Dictionary, and is the sole authoritative source for Universal Joint Task List (UJTL).

Common Access Card (CAC) Required

IACs [X]

Information Analysis Centers (IACs) are

DoD R&E Success Story [X]



Eagle Vision Program Garner Key Award for Keen Earth Observation

The system consists of five deployable earth observation stations to synthetic constellation Full Story

- [Custom](#)
- [Do](#)
- [DT](#)
- [DTIC Boot Camp](#)
- [DTIC Scheduled Maintenance](#)
- [Forms & Guides](#)
- [MultiSearch](#)

Need Support? [Contact Us](#)



[DTIC CARES Feedback Form](#)

Customize Your Home Page [E]

RDT&E Budget Data [X]

DoD Congressional Budget [X]

Two sites provide information on Congressional Budget changes to the President's Budget

- Click on the X to remove a portlet.
- Once removed, it can be added back to your home page by returning to the list of portlets.



DTIC Online Access Controlled

Navigate



Navigation Features

Features to locate your information or resource or help you move through the site:

- Search Options
 - Banner Search
 - More Search Options interface
- Features to find pages on the site
 - A-Z
 - Site Map
 - Banner Search for DTIC Web Site (DOAC and DTIC Online Public)
- Folders
- Breadcrumbs

Banner Search – 5 Options

- DoD Sites & Collections
- Technical Reports
- Research in Progress
- DTIC Web Site

What's included in this search?

- DoD Sites & Collections - searches DoD Web sites and all DTIC collections
- Technical Reports - searches DTIC's TR collection and IAC documents
- Research in Progress - searches databases; e.g., Egov and Research Summaries, describing current DoD research
- DTIC Web Site - searches DTIC Online for products and services
- MultiSearch - searches more than 50 DoD, federal, commercial and international S&T sources

Click on the information icon for a pop up with a brief description of each search option.

The Joint Doctrine Education, Training and Related Information (JEL) is the primary authoritative source of joint doctrine, education, training and related information. The JEL contains a searchable database of all approved Joint Doctrine Publications, the Department of Defense (DoD) Dictionary, and is the sole authoritative source for Universal Joint Task List (UJTL).



Acquisition Information (AcqInfo) is the primary authoritative source of joint doctrine, education, training and related information. The AcqInfo contains a searchable database of all approved Acquisition Information Publications, the Department of Defense (DoD) Dictionary, and is the sole authoritative source for Universal Joint Task List (UJTL).

...s Key Award for Keen Evaluation
...ployable satellite downlink
...ss near-real-time optical and
...ry from commercial satellite

Welcome to DTIC

...ion Center (DTIC) is the
...ical information. DTIC is a D
...ield Activity under the Order Secretary of Defense for
Acquisition, Technology and Logistics, reporting to the Direc
Defense Research and Engineering (DDR&E).

[Distribution A](#)

IACs

[Quick Link](#)

• Current Issues

More Search Options

- Advanced search with limited field searching options.
- All the resources are listed with the ability to select specific ones to search.

More Search Options

Full Record:
all of these words

Title:
all of these words

Author:
all of these words

Accession Number:
any of these terms

More Search Options

Date:
All dates

Sort by:
Relevance

Results per page:
10 results

Submit Clear Form Search Tips PDF

Summary: On Off
Turn on search-term highlighting

Select Categories: ALL / NONE

- DoD Sites & Collections: select/de-select all
 - Services and Agencies
 - DoD Wide Science & Technology Web Sites
 - DoDTechipedia
 - Technical Reports
 - Search Tools
 - Journal Articles & Conference Proceedings
 - Research in Progress
 - Budget and Planning Information
 - Standards, Directives, Guidance
 - People

Other S&T Resources

- [MultiSearch](#)
- [OSTI Conference Portal](#)
- [British Library](#)
- [NRC-CISTI: Discover](#)
- [Energy Citations](#)
- [Information Bridge](#)
- [ProQuest](#)

Distribution A

Search Categories

IACs

DTIC A-Z - Site Map - DTIC Web Site Search



Home | **DTIC A-Z** | DoDTechipedia | Aristotle | Ask a Librarian | Submit Documents | Customer Support

SEARCH **DTIC Web Site** More Search Options Shopping Cart Bibliography Saved Searches

- DoD Sites & Collections
- Technical Reports
- Research in Progress
- DTIC Web Site**
- MultiSearch

The Joint primary authoritative source of joint doctrine, education, training and related information. The JEL contains a searchable database of all approved Joint Doctrine Publications, the Department of Defense (DoD) Dictionary, and is the Joint



Need Support? [Contact Us](#)

- DTIC A-Z is an alphabetical listing of the Web site.
- Site Map is an organized listing of links to pages within the Web site.
- “DTIC Web Site” banner search option searches both the DOAC and DTIC Online public Web site pages.

Use Breadcrumbs & Folders

You are here: [home](#) » [submit](#) » [howtosubmit](#) » [howtosubmit](#) :: [Bookmark this page!](#) :: [Print](#)

How to Submit Documents to the Technical Reports (TR) Database

To submit documents to DTIC®, please follow the following steps:

Step 1 - Submission Forms:

For


- Breadcrumbs track your path as you link your way through the Web site.

Submit Documents


- Electronic Submission
- Guidance on Submitting Docs
- How to Submit
 - How to Submit Proprietary IR&D
- PDF with AD Numbers
- What to Submit
 - What to Submit
- Why Submit to DTIC

- Open folders to expand content.
- Click on the folder name or folder content to go to the specific page.

Form Instructions

- If assistance is needed in filling out DTIC Form 530 or SF-298 or you have a question for assistance in correctly completing the form. If further help is needed please contact DTIC.
- DTIC [Form 530](#) instructions (Word Format)
- [SF-298](#)  Form instructions (PDF Format)

Step 2 - Distribution Statement:

ALL documents submitted must have an appropriate [Distribution Statement](#) and reason in accordance with [DoD Directive 5230.24](#) . The Distribution Statement must be clearly marked on either the document or the SF-298.

Step 3 - Number of copies:



Search

- **Banner Search**
 1. DoD Sites & Collections
 2. Technical Reports
 3. Research in Progress
 4. DTIC Web Site
 5. MultiSearch
- **More Search Options**

Banner Search – 5 Options

SEARCH DoD Sites & Collections [More Search Options](#) [Shopping Cart](#) [Bibliography](#) [Saved Searches](#)

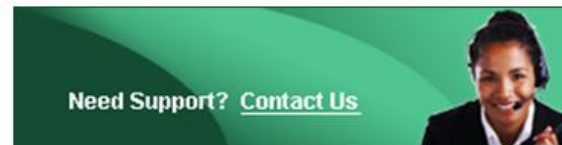
- DoD Sites & Collections
- Technical Reports
- Research in Progress
- DTIC Web Site
- MultiSearch

- Includes everything on DTIC Online Public.
- View “More Search Options” for complete list of collections.
- Results are returned by relevancy.
- Displays 10 results (hits) per page.
- Looks for both singular and plurals.
- Assumes AND between words.
- Use AND, OR, NOT, parentheses.
- Use quotes for phrases.
- Use an asterisk (*) for truncation.

1. DoD Sites & Collections

ASSIST

DoD R&E Success Story



Customer Feedback

- View "More Search Options" for a complete listing of resources searched with this choice.
- Search for ***"cyber warfare" or cyberwarfare***

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IACs

Information Analysis Centers (IACs) are

Constellations.

[Full Story](#)

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General Interest

[Resource Management](#)
[Science and Technology](#)

For more information about customizing your home page, see DTIC Online [Help](#)



RDDS (R-2s)

Research and Development Descriptive Summaries (RDDS) furnish narrative information on Research, Development, Test and Evaluation (RDT&E) programs and Program



DoD Sites & Collections Search Results

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[More Search Options](#)
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Searched for: "cyber warfare" or cyberwarfare [Save This Search](#)

Bibliography: [100 citations](#) [Add All](#)
[Results on Page](#)

Results 1 - 10 of 585 from 4,530,737

« < [1] [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) ... > »

1. [View Citation](#) | [View Full Text PDF - 209 KB](#) | [Add to Shopping Cart](#) | [Add to Bibliography](#)

Title: [Computer Network Attack and the Laws of Armed Conflict: Searching for Moral Beacons in Twenty-First-Century Cyberwarfare](#)

Author: Haber, Matthew E

Corporate Author: ARMY COMMAND AND GENERAL STAFF COLL FO

Report Date: 31-May-2002

Pages: 123 page(s)

Accession Number: ADA406496

Distribution Code: 01 - APPROVED FOR PUBLIC RELEASE

Report Classification: U - Unclassified

Collection: Technical Reports (pub-tr)

[Search Sources](#)

Category

Air University Library

- Searches citation and/or the full text depending on the collection.
- Results sorted by relevance.
- Displays 10 hits per page.
- Links to citations, Word docs, PDFs, PowerPoint, Excel files, or Web pages.

2. [View Citation](#) | [View Full Text PDF - 565 KB](#) | [Add to Shopping Cart](#)

Title: [Cyberwarfare and Our Allies: The Importance of Thea](#)

Author: Greene, Christopher V

Corporate Author: NAVAL WAR COLL NEWPORT RI JOINT MILITARY

Report Date: 23-Oct-2009

Pages: 23 page(s)

Accession Number: ADA513954

Distribution Code: 01 - APPROVED FOR PUBLIC RELEASE

Report Classification: U - Unclassified

Collection: Technical Reports (pub-tr)

[IRD \(173\)](#)
ICS & Combatant

Searched for: "cyber warfare" or cyberwarfare [Save This Search](#)

1.

2.

[Bibliography: No citations](#) [Add All Results on Page](#)

3.

Results 1 - 10 of 585 from 4,530,737

4.

« < [1] 2 3 4 5 6 7 ... > »

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5.

6.

[Search Sources](#)

Title: [Computer Network Attack and the Laws of Armed Conflict. Searching for Moral Beacons in Twenty-First-Century](#)

[Cyberwarfare](#)

Author: Haber, Matthew E

Corporate Author: ARMY COMMAND AND GENERAL STAFF COLL FORT LEAVENWORTH KS

Report Date: 31-May-2002

Pages: 123 page(s)

Category

[Air University Library](#)

[Index to Military](#)

[Periodicals \(15\)](#)

[DoD Congressional Budget Data \(12\)](#)

[DoD Labs \(5\)](#)

[DoD Science & Technology \(17\)](#)

[DoD Techipedia \(18\)](#)

[DSTP \(23\)](#)

[DTIC Online \(13\)](#)

[DTIC Online AC Portal \(3\)](#)

[Egov \(7\)](#)

[GTKB \(2\)](#)

[In House S&T Activities \(2\)](#)

[IRD \(173\)](#)

[ICS & Combatant](#)

1. Search strategy with the option to "Save This Search"
2. Add All Results on Page to bibliography and track number of items currently in the bibliography.
3. Number of pages of results
4. Number of search results from the total number of items searched.
5. Available options for this record. **All options will not be available for every record retrieved.**
6. Collections searched with number of results.

Search Results

Searched for: "cyber warfare" or cyberwarfare [Save This Search](#)

Bibliography: [No citations](#) [Add All Results on Page](#)

Results 1 - 10 of 585 from 4,530,742

- “Category” lists the collections searched with the number of results for that collection.
- You can limit results to a specific collection by clicking on the link.

Author: Greene, Christopher V
Corporate Author: NAVAL WAR COLL NEWPORT RI JOINT MILITARY OPERATIONS DEPT
Report Date: 23-Oct-2009
Pages: 23 page(s)
Accession Number: ADA513954
Distribution Code: 01 - APPROVED FOR PUBLIC RELEASE
Report Classification: U - Unclassified
Collection: Technical Reports (pub-tr)

[ty-First-Century](#)

[Search Sources](#)

Category

[Air University Library Index to Military Periodicals](#) (15)

[DoD Congressional Budget Data](#) (12)

[DoD Labs](#) (5)

[DoD Science & Technology](#) (17)

[DoDTechipedia](#) (18)

[DSTP](#) (23)

[DTIC Online](#) (13)

[DTIC Online AC Portal](#) (3)

[Egov](#) (7)

[GTKB](#) (2)

[In House S&T Activities](#) (2)

[IRD](#) (173)

Search Results

Searched for: "cyber warfare" or cyberwarfare [Save This Search](#)

Bibliography: No citations [Add All Results on Page](#)

Results 1 - 10 of 15 from 4,530,742

Category: [Air University Library Index to Military Periodicals](#)

<< [1] 2 >>

[Search Sources](#)

1. [View Citation](#) | [Add to Bibliography](#)

Title: [Cyberwarfare](#) looms large in information systems

Author: Adams, Charlotte

Publication: Signal

Publication Date: 05 Oct 2008

Collection: The Air University Library's Index to Military Periodicals (pub-aulimp)

[Similar Pages](#)

Category

[Air University Library](#)
× [Index to Military Periodicals](#) (15)

Acronyms

2. [View Citation](#) | [Add to Bibliography](#)

Title: [Cyberwarfare](#) wish list: U.S. Air Force calls for help

Author: Matthews, William

Publication: Defense News

Publication Date: 14-Nov-2008

Collection: The Air University Library's Index to Military Periodicals (pub-aulimp)

3. [View Citation](#) | [Add to Bibliography](#)

Title: [Briefing: Cyberwarfare](#)

Author: Skinner, Tony

Publication: Jane's Defence Weekly

Publication Date: 03-Mar-2009

Collection: The Air University Library's Index to Military Periodicals (pub-aulimp)

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[technical information](#) (15)

Search results are displayed for only the Air University Library Index to Military Periodicals (AULIMP).



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[DoDTechipedia](#)
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SEARCH "cyber warfare" or cyberwarfare
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Searched for: "cyber warfare" or cyberwarfare [Save This Search](#)

Bibliography: [No citations](#) [Add All Results on Page](#)

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« < [1] [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) ... > »

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Report Classification: U - Unclassified
Collection: Technical Reports (pub-tr)
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Title: [Cyberwarfare and Our Allies: The Importance of Theater Security Cooperation](#)
Author: Greene, Christopher V
Corporate Author: NAVAL WAR COLL NEWPORT RI JOINT MILITARY OPERATIONS DEPT
Report Date: 23-Oct-2009
Pages: 23 page(s)
Accession Number: ADA513954
Distribution Code: 01 - APPROVED FOR PUBLIC RELEASE
Report Classification: U - Unclassified
Collection: Technical Reports (pub-tr)

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Title: [Computer Network Attack and the Laws of Armed Conflict: Searching for Moral Beaches in the Twenty-First-Century Cyberwarfare](#)
Author: Haber, Matthew E
Corporate Author: ARMY COMMAND AND GENERAL STAFF COLL FORT LEAVENWORTH KS
Report Date: 31-May-2002
Pages: 123 page(s)
Accession Number: ADA406496
Distribution Code: 01 - APPROVED FOR PUBLIC RELEASE
Report Classification: U - Unclassified
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Source Name	Results	Totals
Air University Library Index to Military Periodicals	✓ 15	140,561
Corporate Source	✓ 0	80,281
DoD Biomedical Research Database	✓ 0	14,432
DoD Congressional Budget Data	✓ 12	223
DoD Labs	✓ 5	44,352
DoD Science & Technology	✓ 17	1,436
DoDTechipedia	✓ 18	4,252
DSTP	✓ 23	836
DTIC Online	✓ 13	736
DTIC Online AC Portal	✓ 3	1,087
DTIC Thesaurus	✓ 0	16,957
Egov	✓ 7	39,641
GTKB	✓ 2	4,835
In House S&T Activities	✓ 2	930
IRD	✓ 173	175,194
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Militarily Critical Technologies List (MCTL)	✓ 1	720

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Title: (U) Computer Network Attack and the Laws of Armed Conflict: Searching for Moral Beacons in Twenty-First-Century Cyberwarfare

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Personal Author(s): Haber, Matthew E

Corporate Author: ARMY COMMAND AND GENERAL STAFF COLL FOR

Corporate Source Code: 037260

Report Date: 31 May 2002

Abstract: (U) Computer network attack ushered in change for the p attained only through physical destruction. Computer network att armed conflict describe, yet its effects are what the laws address. analysis exist for computer network attack? The secondary quest Department of Defense? A search of literature and interviews with by Thomas Wingfield. The framework analyzes the level of force b necessity, humanity, proportionality, and discrimination. Also, the Task Force Computer Network Operations' creation is the first step in building a hierarchical structure for consistent application of law to computer network attack. Research recommends such a structure expand Wingfield's framework for computer network attack to be a viable weapon for Twenty-First-Century Warfare.

Descriptive Note: Master's thesis

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Technical Reports View Citation

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Title: (U) Phage-Coupled Piezoelectric Biodetector for Salmonella Typhimurium
Accession Number: ADA437829
View Full Text: (pdf) - 16 MB -
<https://www.dtic.mil/DTICSearch/document?document=ADA437829&collection=trpub&contentType=PDF&citationFormat=1f>
Full Text Handle / proxy Url:
<http://handle.dtic.mil/100.2/ADA437829>
Personal Author(s): Olsen, Eric V
Corporate Author: AUBURN UNIV AL
Corporate Source Code: 046850
Report Date: Aug 2005

Abstract: (U) Salmonella typhimurium is a leading cause of foodborne illness and a critical threat agent for potential bioterrorism. Current rapid detection initiatives include biosensors that routinely incorporate antibodies for biorecognition. However, antibodies are costly and may degrade under unfavorable environmental conditions. A stable, inexpensive substitute may be filamentous bacteriophage affinity selected from a phage display library for specificity to *S. typhimurium*. We immobilized affinity-selected phage to a quartz crystal microbalance for detection of *S. typhimurium* in solution. An ELISA procedure, precipitation assay, and flow cytometry were employed to confirm phage specificity and selectivity. The phage was up to 22,000 times more specific for *S. typhimurium* than controls and up to 1,000 times more selective in comparison to other bacteria. For recognition of the phage targeted bacterial outer membrane structure, biotinylated *S. typhimurium* surface proteins from lysate were reacted with phage cross-linked to water-soluble resin to prepare a protein eluate for Western blot, which revealed a single 60-70 kD band. Three immobilization methods (physical adsorption, biotin-streptavidin-phage self-assembly, and Langmuir-Blodgett) using two phage forms (filamentous and phage coat proteins) were evaluated for proof of concept sensor preparation. Specific binding between phage and target on the biosensor resulted in concentration dependent resonance frequency changes. Best results were obtained when 10^{10} - 10^{11} filamentous phage particles converted to spherical forms (spheroids) by chloroform denaturation were immobilized as phage coat proteins using Langmuir-Blodgett technique. In summary, filamentous phage selected from a phage library can be used for the preparation of suitable for continuous food and environmental monitoring devices, diagnostic assays, and

Descriptive Note: Doctoral thesis
Pages: 323 Page(s)
Item Cost: \$14.60
Document Location: DTIC AND NTIS
Report Number: CI04-1238 (CI041238) , (XC)
Monitor Acronym: XC
Monitor Series: AFIT

Descriptors: (U) *BIOLOGICAL DETECTION , *IMMUNOASSAY , *SALMONELLA TYPHIMURIUM , QUICK REACTION , PROTEINS , FOOD , PIEZOELECTRIC TRANSDUCERS , MICROBALANCES , BACTERIOPHAGES , BLOOD COUNTS , ELECTRON MICROSCOPY , BIOLOGICAL CONTAMINATION , FILAMENTS

Identifiers: (U) *BIOSENSORS , FLOW CYTOMETRY , WESTERN BLOT IMMUNOASSAY , ELISA(ENZYME LINKED IMMUNOSORBENT ASSAY)

Fields and Groups: 061300 - Microbiology
060800 - Food, Food Service and Nutrition
150603 - Chemical, Biological and Radiological Warfare

Citation Creation Date: 12 Oct 2005

Citation Status: Active

Distribution/Classification

Distribution Code: 01 - APPROVED FOR PUBLIC RELEASE
Distribution Statement: Approved for public release; distribution is unlimited.
Citation Classification: Unclassified
Report Classification: Unclassified
Collection: Technical Reports

Presently, the TR citation is the information that is searched.



Technical Reports TEMS collection

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Title: Computer Network Attack and the Laws of Armed Conflict: Searching for Moral Beacons in Twenty-First-Century Cyberwarfare
Author: Haber, Matthew E
Corporate Author: ARMY COMMAND AND GENERAL STAFF COLL FORT LEAVENWORTH KS
Report Date: 31-May-2002

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Category

- [Technical Reports \(113\)](#)
- [tems \(60\)](#)

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Sources for this Search X

Source Name	Results	Totals
Technical Reports	✓ 113	2,192,070
tems	✓ 60	1,314,954

Report Classification: U - Unclassified
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16. [View Citation](#) [Request Full Text PDF](#) [Add to Bibliography](#)
Title: [CRS Report for Congress: Cyberwarfare \(Congressional Research Service?/The Library of Congress\)](#)
Author: Steven A. Hildreth
Corporate Author: IATAC
Report Date: 01/01/1000
Pages: 20
Accession Number: IATAC-Open-CYBER-01318
Distribution Code: A
Report Classification: UNCLASSIFIED
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Title: [Cyberwarfare](#)
Author: Hildreth, Steven A.
Corporate Author:
Report Date: 01/01/1000
Pages: 20
Accession Number: IATAC-CYBER-00117
Distribution Code: A
Report Classification: UNCLASSIFIED
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Title: [Strategic Impact of Cyber Warfare Rules for the United States](#)
Author: Matus, Paul A
Corporate Author: ARMY WAR COLL CARLISLE BARRACKS PA
Report Date: Mar-2010
Pages: 50 page(s)
Accession Number: ADA522001
Distribution Code: 01 - APPROVED FOR PUBLIC RELEASE
Report Classification: U - Unclassified
Collection: Technical Reports (pub-tr)

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DoD Biomedical Research Database	✓ 7	14,432
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GTKB	✓ 0	4,835
IRD	✓ 42	175,194
Rapid Reaction Technology Office	✓ 0	202
RS	✓ 254	320,134
S&T Success Stories	✓ 0	115

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Keywords

[aeromedical evacuation](#) (187)
[aerospace](#) (138)
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Performing Organization Code: 423262

Date of Summary: 28-Nov-2001

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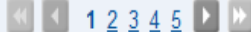
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Global Technology Knowledge Base (GTKB) [i](#)

[Independent Research & Development \(IRD\)](#) [i](#)

Rapid Reaction Technology Office (RRTO) [i](#)

[Research Summaries](#) [i](#)

S&T Success Stories [i](#)

Budget and Planning Information [i](#)

Standards, Directives, Guidance [i](#)

People [i](#)












DoD Sites & Collections searches all categories in the list

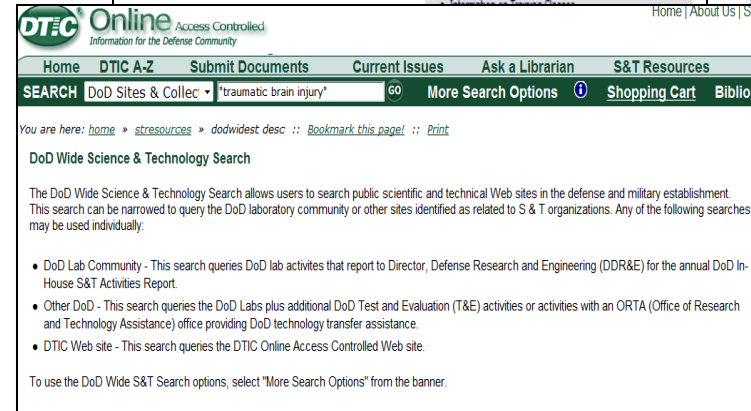
DTIC Web Site


Technical Reports

Research in Progress

Comparison of the Banner search options with the "More Search Options" display where you can select resources to search.

- DoD Sites & Collections: select/de-select all** 
- Services and Agencies**
 - Service Organizations**
 - Army - army.mil and related U.S. Army Web Sites
 - Navy - navy.mil and related U.S. Navy Web Site
 - Air Force - af.mil and related U.S. Air Force Web Sites
 - Marines - usmc.mil and related U.S. Marine Corp Web Sites
 - Coast Guard
 - JCS & Combatant Commands
 - Agencies
- DoD Wide Science & Technology Web Sites** 
 - DoD Labs
 - Other DoD
 - DTIC Web Site
- Technical Reports** 
 - [Technical Reports](#) 
 - TEMS 
- Search Tools** 
 - Corporate Source 
 - DTIC Thesaurus 
- Journal Articles & Conference Proceedings**
 - The Air University Library's Index (AULIMP) 
 - Defense Energy Security 
 - National Defense Industrial Association Conference Proceedings 
 - Staff College Automated Military Periodicals Index



- Resource name links to either an information page or a search interface.
-  links to a description of the resource.



More Search Options

Display

Summary: On Off

Turn on search-term highlighting

Select Categories: [ALL](#) / [NONE](#)

- DoD Sites & Collections: Select/de-select all
- Services and Agencies
- DoD Wide Science & Technology Web Sites
- DoDTechipedia
- Technical Reports
 - Technical Reports
 - TEMS
- Search Tools
- Journal Articles & Conference Proceedings
- Research in Progress
 - Biomedical Research Database (BRD)
 - Egov/R&E Database
 - Global Technology Knowledge Base (GTKB)
 - Independent Research & Development (IRD)
 - Rapid Reaction Technology Office (RRTO)
 - Research Summaries
 - S&T Success Stories
- Budget and Planning Information
- Standards, Directives, Guidance
- People

- Search all of the collections (default)
- Click “NONE” and select specific categories to search.
- Click on the + (plus) to open the category to make a selection of a specific collection to search.



More Search Options

Options

Display ▾

Summary: On Off

Turn on search-term highlighting

Select Categories: [ALL](#) / [NONE](#)

DoD Sites & Collections: select/de-select

Services and Agencies

DoD Wide Science & Technology

DoDTechipedia

Technical Reports **i**

Search Tools **i**

Journal Articles & Conference Proceedings

The Air University Library's Index to Military Periodicals (AULIMP) **i**

Defense Energy Security **i**

National Defense Industrial Association (NDIA) Conference Proceedings **i**

Staff College Automated Military Periodicals Index (SCAMPI) **i**

Research in Progress **i**

Budget and Planning Information **i**

Standards, Directives, Guidance **i**

People **i**

Select Categories: [ALL](#) / [NONE](#)

Search Categories

• Some collections might not be available to you.
• If the collection is grayed out, you will not retrieve results from that collection.

More Search Options Search Interface



[Home](#) | [About Us](#) | [Site Map](#) | [Contact Us](#) | [My Account](#)

[Home](#) [DTIC A-Z](#) [DoDTechipedia](#) [Aristotle](#) [Ask a Librarian](#) [Submit Documents](#) [Customer Support](#)

SEARCH

Full Record:

all of these words

Title:

all of these words

Author:

all of these words

Accession Number:

any of these terms

Field
Specific
Search

- Full Record - Same as the banner search. This searches citations and/or full text depending on the collection.
- Title - Beware of searching by title if title is not known. All collections may not have titles or have decent titles. You may miss some results (e.g., Web sites, PDF collections).
- Author - Not all collections have an author field. Authors may be in various formats.



More Search Options

Field Searching and Sort

More Search Options

Field Specific Search

Full Record:
all of these words
all of these words
any of these words
the exact phrase

Author:
all of these words

Accession Number:
any of these terms

Field Search options

- All of these words (AND)
- Any of these words (OR)
- Exact phrase

Change Sort:

- Relevance(Default)
- Oldest First
- Newest First
- Alphabetical - A first
- Alphabetical - Z first

More Search Options

Field Specific Search

Full Record:
all of these words

Title:
all of these words

Author:
all of these words

Accession Number:
any of these terms

Date:
All dates

Sort by:
Relevance
Relevance
Oldest First
Newest First
Alphabetical - A first
Alphabetical - Z first



More Search Options

Date Searching

More Search Options

Full Record:

all of these words

improvised weapons

Date:

After this date...

Mar
2011

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

- Select the date option:
 - Before this date
 - After this date
 - Specific date range
- Click in the search box for the calendar.
- Calendar will default to the present date. (Today is March 28, 2011)
- Manipulate the date options to your desired date.

Date Searching

More Search Options

Full Record:

all of these words "improvised weapons"

Title:

all of these words

Author:

all of these words

Accession Number:

any of these terms

Date:

After this date...

01/01/1990

Sort by:

Oldest First

Results per page:

10 results

01/01/1990
Jan
1990
Su Mo Tu We Th Fr Sa
1 2 3 4 5 6
7 8 9 10 11 12 13
14 15 16 17 18 19 20
21 22 23 24 25 26 27
28 29 30 31

Submit

Clear Form

Search Tips PDF

Search for ***"improvised weapons"*** with a date ***after 01 Jan 1990*** with the results sorted by ***Oldest First***.

Date Searching

- Date Searching will be saved in the details if the search is saved.
- It does not appear in the search statement.



DTIC Online Access Controlled
Information for the Defense Community

Home DTIC A-Z DoDTechipedia Aristotle

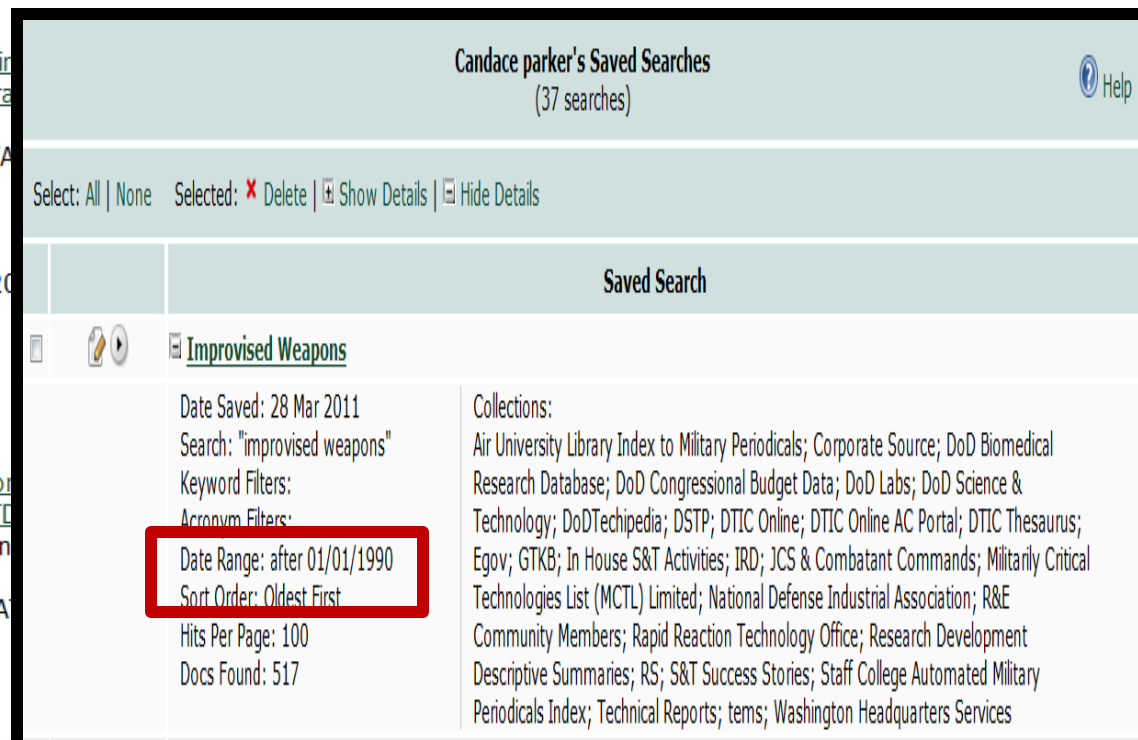
SEARCH DoD Sites & Collections "improvised weapons"

Searched for: "improvised weapons" [Save This Search](#)

Results 1 - 100 of 517 from 4,539,452

<< [1] 2 3 4 5 6 >>

- [View Citation](#) | [View Full Text PDF - 50 KB](#) | [Add to Shopping](#)
Title: [The International Unexploded Ordnance Training Program](#)
Author: Ihrke, Paul W
Corporate Author: SUDHAKER COMPANY INC COLLEGE STA
Report Date: Aug-1998
Pages: 10 page(s)
Accession Number: ADA522137
Distribution Code: 01 - APPROVED FOR PUBLIC RELEASE 20
Report Classification: U - Unclassified
Collection: Technical Reports (ac-tr)
- [View Full Text PDF - 0.18 MB](#) | [Add to Bibliography](#)
Title: [Counterproliferation Initiatives - Proliferation Prevention](#)
Budget Activity: 3 - Advanced Technology Development (ATD)
Sponsoring Organization: DTRA; Defense Threat Reduction
Fiscal Year: 2005
Budget Activity: 3 - Advanced Technology Development (A
Program Element Number: 0603160BR
Collection: R&D Descriptive Summaries (pub-rdds)



Candace parker's Saved Searches
(37 searches)

Select: All | None Selected: X Delete | Show Details | Hide Details

Saved Search	
<input type="checkbox"/> Improvised Weapons	
Date Saved: 28 Mar 2011 Search: "improvised weapons" Keyword Filters: Acronym Filters: Date Range: after 01/01/1990 Sort Order: Oldest First Hits Per Page: 100 Docs Found: 517	Collections: Air University Library Index to Military Periodicals; Corporate Source; DoD Biomedical Research Database; DoD Congressional Budget Data; DoD Labs; DoD Science & Technology; DoDTechipedia; DSTP; DTIC Online; DTIC Online AC Portal; DTIC Thesaurus; Egov; GTKB; In House S&T Activities; IRD; JCS & Combatant Commands; Military Critical Technologies List (MCTL) Limited; National Defense Industrial Association; R&E Community Members; Rapid Reaction Technology Office; Research Development Descriptive Summaries; RS; S&T Success Stories; Staff College Automated Military Periodicals Index; Technical Reports; tems; Washington Headquarters Services

More Search Options Results per Page

More Search Options

Field Specific Search

Full Record: all of these words

Title: all of these words

Author: all of these words

Accession Number: any of these terms

Date: All dates

Sort by: Relevance

Results per page:
100 results
10 results
25 results
50 results
75 results
100 results

Submit Clear Form Search Tips PDF

Display

- Default is 10 hits per page.
- Option to select more hits per page.

- 25
- 50
- 75
- 100

- Helpful to change to higher number when selecting records to place in bibliography.

DTIC Online Access Controlled
Information for the Defense Community

Home DTIC A-Z DoDTechipedia Aristotle Ask a Librarian Submit Documents Customer Support

SEARCH DoD Sites & Collections battlefield medicine GO More Search Options Shopping Cart Bibliography Saved Searches

Searched for: battlefield medicine Save This Search

Results 1 - 100 of 2,423 from 4,539,450

Bibliography: 8 citations
Add All Results on Page

Search Sources

Category

- Air University Library
- Index to Military Periodicals (15)
- DoD Biomedical Research Database (96)
- DoD Congressional Budget Data (44)
- DoD Labs (75)

1. View Citation | View Full Text PDF - 851 KB | Add to Shopping Cart | Add to Bibliography
Title: The Connection Between the NMCWM and the USAMRMC - How the Early Development of Military Medicine During the American Civil War Paved the Way for the Research and Development of New and Improved Methods/Battlefield Medicine
Author: Wunderlich, George C
Corporate Author: NATIONAL MUSEUM OF CIVIL WAR MEDICINE FREDERICK SM
Report Date: Jun-2004
Pages: 14 page(s)
Accession Number: ADA423919
Distribution Code: 01 - APPROVED FOR PUBLIC RELEASE
Report Classification: U - Unclassified
Collection: Technical Reports (pub-tr)

More Search Options Results



More Search Options

Full Record:

all of these words

"improvised weapons"

Date:

After this date...

01/01/1990

Sort by:

Relevance

Search results look and function the same as results from the banner search.



Home | About Us | Site Map | Contact Us | My Account

Home DTIC A-Z DoDTechipedia Aristotle Ask a Librarian Submit Documents Customer Support

SEARCH DoD Sites & Collections "improvised weapons" GO More Search Options Shopping Cart Bibliography Saved Searches

Searched for: "improvised weapons" Save This Search

Bibliography: 4 citations
Add All Results on Page

Results 1 - 100 of 517 from 4,539,452

<< [1] 2 3 4 5 6 >>

Search Sources

- [View Citation](#) | [View Full Text PDF - 2 MB](#) | [Add to Shopping Cart](#) | [Add to Bibliography](#)
Title: Surveillance and Interdiction Models: A Game-Theoretic Approach to Defend Against VBIEDs
Author: Williams, Edward O
Corporate Author: NAVAL POSTGRADUATE SCHOOL MONTEREY CA
Report Date: Jun-2010
Pages: 83 page(s)
Accession Number: ADA524793
Distribution Code: 01 - APPROVED FOR PUBLIC RELEASE
Report Classification: U - Unclassified
Collection: Technical Reports (pub-tr)

Category

- DoD Science & Technology (1)
- DTIC Online (7)
- DTIC Online AC Portal (4)
- JCS & Combatant Commands (5)
- National Defense Industrial Association (1)
- Research Development Descriptive Summaries (7)
- RS (1)
- Technical Reports (491)

Acronyms

Options

Summary: On Off

Turn on search-term highlighting

Select Categories: [ALL](#) / [NONE](#)

- DoD Sites & Collections
- Services and A
- DoD Wide Scie Sites



More Search Options Title Search

More Search Options

Full Record:

all of these words

Title:

the exact phrase

battlefield medicine

Date:

All dates

Sort by:

Relevance

Author:

all of these words

Accession Number:

any of these terms

Field Specific Search

Options

Search Categories

Display 10

Summary: On Off

Turn on search-term highlighting

Select Categories: All

DoD Site

Security

DoD

DoD

Technical

Security

Jobs

Research

Business

Staff

Periodicals

Searched for: title:(battlefield medicine) Save This Search

Bibliography: No citations Add All Results on Page

Results 1 - 7 of 7 from 4,497,300

Search Sources

Category

[Air University Library Index to Military Periodicals \(2\)](#)
[Staff College Automated Military Periodicals Index \(3\)](#)
[Technical Reports \(2\)](#)

Acronyms

[vol \(3\)](#)

Keywords

[security \(5\)](#)
[technical information \(4\)](#)

1. [View Citation](#) | [Add to Bibliography](#)

Title: The problems of battlefield medicine

Author: Mohr, Henry

Publication: American Legion Magazine

Publication Date: 09/25/2008

Collection: Staff College Automated Military Periodicals Index (pub-scampi)

[Similar Pages](#)

2. [View Citation](#) | [Add to Bibliography](#)

Title: Researchers breathing new life into battlefield medicine

Author: Ginburg, Yana

Publication: Navy Times

Publication Date: 09/25/2008

Collection: Staff College Automated Military Periodicals Index (pub-scampi)

[Similar Pages](#)

3. [View Citation](#) | [Add to Bibliography](#)

Title: Battlefield medicine: A tactical perspective

Author: Parsons, Donald L.

Publication: U.S. Army Medical Department Journal

Publication Date: 11/14/2008

Collection: The Air University Library's

4. [View Citation](#) | [Add to Bibliography](#)

Title: Battlefield medicine: A new perspective

Author: Parsons, Donald L., LtCol

Publication: Infantry

Publication Date: 11/14/2008

Collection: The Air University Library's

5. [View Citation](#) | [Add to Bibliography](#)

Title: The chain of medical responsibility

Author: Llewellyn, Craig H.

Publication: Military Medicine

Publication Date: 09/25/2008

Collection: Staff College Automated Military Periodicals Index (pub-scampi)

[Similar Pages](#)

Notice the search language and format in the search results.

title:(battlefield medicine)



More Search Options Author Search

- Use quotes around the author's name (phrase).
- The two names are ANDed.

Field Specific Search

More Search Options

Full Record:
all of these words

Title:
all of these words

Author:
all of these words

Accession Number:
any of these terms

Searched for: author:(leras, byran" "heiden, charles")

Save This Search Save This Search

Options

Display

Summary: On Off

Turn on search-term highlighting

Select Categories: [ALL](#) / [NONE](#)

DoD Sites & Collections: select

Services and Agencies

Standard Display

Title: (U) Battle Command Visualization 101: A Near Term Approach to Embedded Training (CD-ROM)

Accession Number: ADM002025

Personal Author(s): Fisher, John ; Heiden, Charles G ; Bossman, James R ; Campbell, Charlotte ; ... ; Brendenbach, Michael G ; Lickteig, Carl W ; Leras, Byran M

Corporate Author: HUMAN RESOURCES RESEARCH ORGANIZATION ALEXANDRIA VA

Corporate Source Code: 405260

Report Date: Aug 2007

Distribution/Classification
Distribution Code: 01 - APPROVED FOR PUBLIC RELEASE
Distribution Statement: Approved for public release; distribution is unlimited.
Citation Classification: Unclassified
Report Classification: Unclassified
Collection: Technical Reports



DTIC Online Access Controlled

Search Tips



Case & Boolean Operators

Case

- No searches are case sensitive
 - aim
 - AIM
 - AiM

Boolean operators

- *AND* – must include both terms
 - *land and sea*
- *OR* – must include either term
 - *sea or land*
- *NOT* – must not include the term that follows
 - *land not sea*

NOTE: The default between terms is *AND*

- *land water* retrieves *land and water*



Phrase Searching

Phrase

- Search phrases using double quotes.
 - "Digital Control of Exchange Interaction in a Spin-Based Silicon Quantum Computer"
 - "Tanks for the Memories"

- NOTE: USING QUOTES
 - Use only dumb quotes " " . Dumb quotes appear when you type in the search box .
 - Smart quotes “ ” usually appear when typing in MS Word.
 - Use "dumb quotes"
 - Do not use “smart quotes”



Punctuation & Nesting

Punctuation

- Punctuation is ignored and treated as a space.
 - AN/BQQ-5 = an bqq 5 = an AND bqq AND 5
- To search a term with punctuation as a string, use quotes to indicate it is a phrase.
 - "AN/BQQ-5 " = "an bqq 5"
- Exceptions:
 - * and ? are always treated as wildcards.
 - Double quotes " " always indicate the beginning or end of a phrase.

Nesting

- Use parentheses



Proximity Operator

Proximity operator

- Use *near#* where # is a number from 1 to 10. The number indicates how many words appear **between two words**. The two words can appear in either order.
 - *Airpower near1 specifically*
Finds: "*Tanks for the Memories? Will Airpower, Specifically Helicopters, Replace Tanks in 2010?*"
 - *title: (2010 near10 tanks)*
Finds: "*Tanks for the Memories? Will Airpower, Specifically Helicopters, Replace Tanks in 2010*"



Singular and Plurals

Singular and plurals

- **Lemmatization** (Stemming) presently searches for both singular and plurals but will be expanded to include more suffixes. A search for any term should find its singular and plural.
 - *Tank* also finds *tanks*
- Double quotes will turn off lemmatization.
 - " *tanks* " searches only for the word tanks and does not search for tank.
- Lemmatization is not operational in the Title and Author boxes on the More Search Options page.



Wild Cards & Fielded Searching

Wild Cards

- Use the asterisk (*) to replace **multiple characters**.
 - **terror**
 - *un*able*
- Use the question mark (?) to replace a **single (1) character**.
 - *defen?e*

Fielded Searching

- To limit a search to a field, use the Field mnemonic and a colon.
 - *title:radar*
 - Retrieves the term radar in the title.
 - *author:"smith robert"*
 - Retrieves the author robert smith
- To search more than one term in a field, surround the terms with parentheses.
 - *title:(submarines and sonar)*
 - Retrieves both the terms submarines and sonar in the title.



Authors

➤ Authors

- Enter an author's name in quotes to find them as a phrase in the author field.
- When searching authors, pay attention to the order in which the complete name appears in a particular database. For example, most of the DTIC Online collections have authors' names entered in the order ***lastname firstname/initial middle name/initial***.
- Enter names in the order in which they appear in the collection(s) you are searching.
- You can include punctuation or leave it out.
 - *"Harris, Robert V., Jr."*
 - *"nethercote, w c e"*
 - *"Leras, Byran M." and "Heiden, Charles G"*
 - *author:("Leras, Byran M." and "Heiden, Charles G")*



DTIC Online Access Controlled

More Search Options
Budget Resources

Budget Resources

DoD Congressional Budget

Two sites provide information on Congressional Budget changes to the President's Budget Request (PBR).

The [DoD Congressional Budget Data](#) Web site provides PDF and Excel spreadsheet versions of the Congressional Budget reports shortly after they are posted on the [Thomas](#) (Library of Congress) website.

The [Congressional Budget Queries](#) Web site helps the Director of Defense Research & Engineering (DDR&E) resource managers to respond to changes proposed by Congress to the Research Development Test & Evaluation (RDT&E) budget. Locate information concerning:

- Total Authorization/Appropriation by Service/Agency and Budget Activity
- House Armed Services Committee
- Senate Armed Services Committee
- House Appropriations Committee
- Senate Appropriations Committee
- Conference Report
- Authorization/Appropriation by Program Element.

[Distribution A](#)

Add the budget resources portlets on your DOAC homepage with links to search the sites directly.

- [Forms & Guides](#)
- [MultiSearch](#)
- [S&T Resources](#)
- [Tutorials](#)

RDT&E Budget Data

The [Research, Development, Test, and Evaluation \(RDT&E\) Budget Data](#) Web site provides funding information on budget cycles (Program Objective Memorandum (POM), Budget Estimate Submission (BES), and President's Budget Request (PBR)) by Budget Activity (BA) from FY1990 to the present and by Appropriation from FY1962. Users may export results to an Excel spreadsheet.

[FY10 by BA and FY10 by Component](#)

[Distribution D](#)



Customize Your Home Page

RDDS (R-2s)

[Research and Development Descriptive Summaries \(RDDS\)](#) furnish narrative information on Research, Development, Test and Evaluation (RDT&E) programs and Program Elements (PE Numbers) within the Department of Defense (DoD). You can access older [R-2s](#) (1996-2000) through the Scientific & Technical Information Network (STINET) Web site.

[Distribution A](#)

Full Record:

all of these words

Date:

All dates

Title:

all of the

Sort by:

Relevance

Author:

all of the

Accessi

any of t

The RDDS (Research & Development Descriptive Summaries 2000-Present) and DoD Congressional Budget Data can be searched using the More Search Options interface.

Display 10

Summary: On Off

Turn on search-term highlight

Select Categories: [ALL](#) / [NONE](#)

- DoD Sites & Collections: select/de-select all**
- Services and Agencies
- DoD Wide Science & Technology Web Sites
- DoDTechipedia
- Technical Reports
- Search Tools
- Journal Articles & Conference Proceedings
- Research in Progress
- Budget and Planning Information
 - Defense Science & Technology Plan (DSTP) (comprised of JWSTP, DTAP, DTOS and BRP)
 - DoD Congressional Budget Data
 - In house S&T Activities
 - Research & Development Descriptive Summaries (RDDS) 1996-1999
 - Research & Development Descriptive Summaries (RDDS) 2000-present

Other S&T Resources

- [MultiSearch](#)
- [OSTI Conference Portal](#)
- [British Library](#)
- [NRC-CISTI: Discover](#)
- [Energy Citations](#)
- [Information Bridge](#)
- [ProQuest](#)



Comparison Chart of Features

	RDDS	DoD Congressional Queries	RDT&E Budget	DoD Congressional Budget
Content	PBR for RDT&E; R-2 Narrative; Congressional Adds; and OCO Funds	PBR & Congressional Markups for RDT&E R-2 Narrative link	PBR for RDT&E; R-2 Narrative link; OCO Funds	PBR and Congressional Markups for RDTE, Procurement, O&M, and Personnel
Fiscal Year Data	Current and Out years, if available	Current Year	Current and Out years, if available	Current Year
Search by:				
PE Number (PE) PE Title (PT), Text (T)	PE Number, PE Title, & Text	PE Numbers, PE Title, & Text	PE Numbers	Not applicable
Fiscal Year – multiple or one year	One	Multiple	One	Not applicable
Budget Activity -- multiple or one year	All or One	Multiple	Multiple	Not applicable
By Congressional Committee Report		HASC, SASC, Authorization, HAC, SAC, & Appropriation		HASC, SASC, Authorization, HAC, SAC, & Appropriation
Agency/Service – multiple or one	Multiple	One	Multiple	Can view data by agency
Output: Excel, PDF, or on site	PDF	Excel for reports; PDF for R-2	On Site/Excel for trend info.; PDF for R-2	Excel



DTIC Online Access Controlled

Create a Bibliography



A bibliography (bib) is a list of records selected from specific databases that can be exported and saved as one document.

- Records can be added from multiple searches from over 30 collections with the choice of 3 formats.
- You can delete records from a bib.
- All search results on a page can be added to your bibliography.
- When the bib content is ready, export and save.
- View in HTML or PDF
- Presently, you can add 500 records to a bib.

Add To Bibliography In Bibliography

Searched for: ("cyber warfare" or cyberwarfare) not rand [Save This Search](#)

Results 1 - 100 of 297 from 3,860,807

« [1] 2 3 »

1. [View Citation](#) | [View Full Text PDF - 209 KB](#) | [Add to Shopping Cart](#) | [Add to Bibliography](#)
Title: [Computer Network Attack and the Laws of Armed Conflict: Searching for Moral Beacon in Twenty-First-Century](#)

Author: Haber, Matthew E
Corporate Author: ARMY COMMAND AND GENERAL STAFF COLL FORT LEAVENWORTH KS
Report Date: 31-May-2002
Pages: 123 page(s)
Accession Number: ADA406496
Distribution Code: 01 - APPROVED FOR PUBLIC RELEASE
Report Classification: U - Unclassified
Collection: Technical Reports (pub-tr)

2. [View Citation](#) | [View Full Text PDF - 565 KB](#) | [Add to Shopping Cart](#) | [Add to Bibliography](#)
Title: [Cyberwarfare and Our Allies: The Importance of Theor Security Cooperation](#)

Author: Greene, Christopher V
Corporate Author: NAVAL WAR COLL NEWPORT RI JOINT MILITARY OPERATIONS DEPT
Report Date: 23-Oct-2009
Pages: 23 page(s)
Accession Number: ADA513954
Distribution Code: 01 - APPROVED FOR PUBLIC RELEASE
Report Classification: U - Unclassified
Collection: Technical Reports (pub-tr)

3. [View Citation](#) | [View Full Text PDF - 1 MB](#) | [Add to Shopping Cart](#) | [Add to Bibliography](#)
Title: [Cyberwarfare](#)

Author: Hildreth, Steven A
Corporate Author: LIBRARY OF CONGRESS WASHINGTON DC CONGRESSIONAL RESEARCH SERVICE
Report Date: 19-Jun-2001
Pages: 21 page(s)
Accession Number: ADA398642
Distribution Code: 01 - APPROVED FOR PUBLIC RELEASE
Report Classification: U - Unclassified

Bibliography: [No citations](#) | [Add All Results on Page](#)

[Search Sources](#)

Category

- You can enter individual records.
- You can Add All Results on Page.
- Track number of records in the current bibliography.

[Industrial Association](#) (13)
[Staff College](#)
[Automated Military Periodicals Index](#) (12)
[Technical Reports](#) (111)
[tems](#) (59)

Acronyms

[AFB](#) (32)
[DOD](#) (36)
[NATO](#) (30)
[OSD](#) (22)
[USA](#) (30)

Searched for: ("cyber warfare" or cyberwarfare) not rand [Save This Search](#)

Results 1 - 100 of 297 from 3,860,807

« [1] 2 3 »

1. [View Citation](#) | [View Full Text PDF - 209 KB](#) | [Add to Shopping Cart](#) | [In Bibliography](#)
Title: [Computer Network Attack and the Laws of Armed Conflict: Searching for Moral Beacon in Twenty-First-Century](#)

Author: Haber, Matthew E
Corporate Author: ARMY COMMAND AND GENERAL STAFF COLL FORT LEAVENWORTH KS
Report Date: 31-May-2002
Pages: 123 page(s)
Accession Number: ADA406496
Distribution Code: 01 - APPROVED FOR PUBLIC RELEASE
Report Classification: U - Unclassified
Collection: Technical Reports (pub-tr)

2. [View Citation](#) | [View Full Text PDF - 565 KB](#) | [Add to Shopping Cart](#) | [In Bibliography](#)
Title: [Cyberwarfare and Our Allies: The Importance of Theor Security Cooperation](#)

Author: Greene, Christopher V
Corporate Author: NAVAL WAR COLL NEWPORT RI JOINT MILITARY OPERATIONS DEPT
Report Date: 23-Oct-2009
Pages: 23 page(s)
Accession Number: ADA513954
Distribution Code: 01 - APPROVED FOR PUBLIC RELEASE
Report Classification: U - Unclassified
Collection: Technical Reports (pub-tr)

3. [View Citation](#) | [View Full Text PDF - 1 MB](#) | [Add to Shopping Cart](#) | [In Bibliography](#)
Title: [Cyberwarfare](#)

Author: Hildreth, Steven A
Corporate Author: LIBRARY OF CONGRESS WASHINGTON DC CONGRESSIONAL RESEARCH SERVICE
Report Date: 19-Jun-2001
Pages: 21 page(s)
Accession Number: ADA398642
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Full Text Handle / print: <http://handle.dtic.mil/>
Personal Author(s):
Corporate Author:
Corporate Source Code:
Report Date: Jul 2000

Abstract: (U) As two great powers that will influence much of the immediate future of our small and vulnerable planet, China and the United States are in a marriage of sorts-- united for the purpose of living together, in the words of the Oxford English Dictionary. Like it or not, the two societies depend on each other. Environmental degradation, social unrest, economic problems, or pandemic outbreak in one

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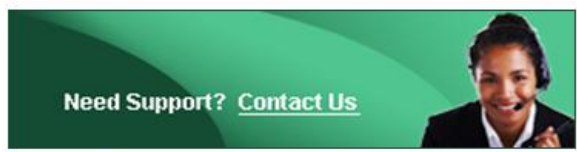


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<input type="checkbox"/>			<input checked="" type="checkbox"/>	Protective Clothing-2
<input type="checkbox"/>			<input type="checkbox"/>	DTRA reports by corporate
<input type="checkbox"/>			<input type="checkbox"/>	DTRA reports by corporate
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<input type="checkbox"/>			<input type="checkbox"/>	DTRA reports by corporate
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<input type="checkbox"/>			<input type="checkbox"/>	DTRA reports by source co
<input type="checkbox"/>			<input type="checkbox"/>	DTRA reports by corporate
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<input type="checkbox"/>		<input type="checkbox"/> DTRA reports by corporate name-5
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