

CSA ILLUMINA

● 데이터베이스 소개

- 학문 전 분야에 걸쳐 최신 색인과 초록 정보를 제공해 주는 데이터베이스.
- CSA Materials Research Database with METADEX
CSA High Technology Research Database with Aerospace
CSA Engineering Research Collection
CSA Life Sciences and Environment Collection
CSA Social Sciences and Education
- 제공종수 : 5개 주제분야 70여종 색인정보



Materials Research Database with METADEX

◆ **Materials Science Collection with METXDEX**는 철 금속, 비철금속, 중합체, 세라믹, 플라스틱, 폴리머, 공학분야에서 응용되는 합성물질 등 재료공학분야의 세계적인 정보원. 금속의 처리과정, 용접, 합금 등의 이론 및 응용과 열처리 과정과 냉각 등에 대한 정보를 제공하는 재료공학 분야의 유일한 정보원.

□ 수록기간 : **1966년 ~ 현재**

□ 저널 수 : **3,000**여종 이상의 주요 저널, 특허문헌, 논문, 정부 보고서, 회의록

□ 관련학과 : 금속재료공학전공, 세라믹공학전공, 나노.신소재공학, 기계공학, 산업공학 등

□ 하부 데이터베이스

- Aluminum Industry Abstracts
- Ceramic Abstracts/World Ceramics Abstracts
- Copper Data Center Database
- Corrosion Abstracts
- Engineered Materials Abstracts
- Materials Business File
- **METADEX**
- WELDASEARCH

High Technology Research Database with Aerospace

◆ 우주과학, 항공학, 우주 비행학, 천문학, 컴퓨터/정보/전기 공학, 커뮤니케이션 등 분야의 저널 서지정보 및 NASA, 미 국가기관, 국제기구 등에서 발행한 보고서 자료를 수록하고 있으며, 실제 응용 과학 정보도 포함

□ 수록기간 : **1962년 ~ 현재**

□ 저널 수 : **1,000**여종 이상의 주요 저널, 특허문헌, 논문, 정부 보고서, 회의록

□ 관련학과 : 항공우주공학, 기계공학, 전기전자, 컴퓨터 공학 등

□ 하부 데이터베이스

- **Aerospace & High Technology**
- Computer & Information Systems Abstracts
- Electronics & Communications Abstracts
- Solid State & Superconductivity

Engineering Research Database

◆ 기계, 기계역학, 운송공학, 지질학에 관련된 3,000여종의 저널기사에 관한 상세 초록정보 및 논문의 인용문헌 정보를 수록하고 있는 공학 데이터베이스. 기본적인 이론 뿐만 아니라, design, construction, technological and engineering aspects of air and water quality, environmental safety, energy production 등 새로운 기술 발전에 관한 정보 수록

□ 수록기간 : **1966년 ~ 현재**

□ 저널 수 : **3,000여종** 이상의 주요 저널, 특허문헌, 논문, 정부 보고서, 회의록

□ 관련학과 : 기계공학, 산업경영공학 등

□ 하부 데이터베이스

- ANTE: Abstracts in New Technologies and Engineering
- **Civil Engineering Abstracts**
- Environmental Engineering Abstracts
- **Mechanical & Transportation Engineering Abstracts**
- Earthquake Engineering Abstracts

Biological, Aquatic & Environmental Sciences

◆ Biological Sciences Database

– 생물학, 미생물학, 세균학, 동물학, 생태학, 생명공학, 의학 등 Biological & Medical Science 전 분야

◆ Environmental Sciences & Pollution Management Database

– 농학, 박테리아, 생태학, 에너지자원, 환경공학, 위험물질, 산업위생학, 미생물학, 토지.공기.물오염, 소음 공해, 독극물학, 폐기물관리, 수자원관리 등 Environmental Sciences 전분야

◆ Aquatic Sciences & Fisheries Abstracts (ASFA) Database

– 해양, 수산, 해양오염, 환경, 양식, 정책, 해양생물 등 해양과학 분야 데이터베이스

◆ Meteorology and Geostrophysical Abstracts

– 대기, 기상학, 기후학, 수문학, 빙하학 관련 데이터베이스

◆ Aqualine – 수자원, 수질오염, 폐수처리, 산업처리 등 Water 전분야

◆ Agricola – 농학, 동물학, 원예학 분야 데이터베이스

◆ Medline – 의학 전분야 데이터베이스

◆ Conference Papers Index

– 생명공학, 환경, 해양, 화학, 공학 등의 과학기술 분야 회의록정보 전문데이터베이스

관련학과: 생명공학부, 환경공학부, 시스템생명공학부 등

Social Sciences and Education

◆ Sociological Abstracts

– 사회개발, 문화, 사회구조, 인구, 가정, 역사, 사회학 이론, 정치학, 정책, 경제개발, 법률, 종교학, 여성연구 등 사회과학 전분야

◆ ERIC (Free ED Full text) – 교육학 관련 데이터베이스

◆ ASSIA : Applied Social Sciences Index and Abstracts

– 커뮤니케이션, 교육, 가정학, 건강, 이민 등 사회과학 전반분야

◆ Physical Education Index – 체육교육, 레크레이션, 스포츠, 건강 등의 분야

◆ Linguistics and Language Behavior Abstracts

– 음성학, 문법형태론, 어형론, 구문론 등 언어학 전분야

◆ NCJRS : National Criminal Justice Reference Service Abstracts Database

– 범죄 경향, 방지와 제지, 미성년 비행, 판사, 경찰, 처벌, 판결을 포함

◆ Worldwide Political Science Abstracts

– 국제관계, 국제법, 국제통치, 정책 등 국제 정치과학의 전분야

COS Scholar Universe – KESLI 무상 DB

◆ 전문 연구자 정보 데이터베이스로, 전 주제 분야에 걸친 연구자 정보와 연구 공동체 정보를 수록. **200**개가 넘는 학술 주제분야에 대해 미국, 영국, 캐나다, 호주 등 영어권 **8**개 국가에서 활동하고 있는 **100**만 명 이상의 연구자들에 대한 정보 제공

□ 연구자들의 활동분야, 학위수여, 이력사항 및 발행한 저작물, 개인 웹사이트, 이메일 정보 등을 제공

□ 저자가 소속된 기관의 멤버 리스트 및 공저자 정보 확인

□ 최근 저자가 쓴 아티클의 서지, 초록 정보 제공 및 기관 구독 원문(**full-text**) 링크 제공

□ **COS Scholar Universe** 이용

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- **NDSL** (www.ndsl.or.kr) 홈페이지를 통해, **NDSL** 회원은 언제 어디서나 이용 가능

Quick Search

Step1. 검색할 주제분야 혹은 데이터베이스 선택

Step2. 검색 연도 지정 / Step3. 검색어 입력 후 “검색” 클릭

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CSA Supports ASFA in Reaching Millionth Record

Logout Quick Search Advanced Search Search Tools

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0 선택 레코드 | 검색 히스토리 | Alert 설정

도움말

검색
검색 도움말: 예, wildcar*, exact phrase
For best results searches should be performed using English terms.

Now Selected: ? ASFA: Aquatic Sciences and Fisheries Abstracts
? Biological Sciences
? ERIC
? Sociological Abstracts

Change: -- 주제분야 -- or 특정 데이터베이스 선택

연도지정: 최초 to Current

DB 및 주제분야 재 선택 가능

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인터페이스 변경 한국어 진행

키워드: KW=

타이틀: TI=

저널명: JN=

저자명: AU=

초록: AB=

ISSN: IN=

ISBN: IB=

출판사: PB=

Classification: CL=

Affiliation: AF=

Description: DE=

출판연도: PY=

Quick Search – 검색연산자

- ✓ 절단 검색: 단어의 모든 유형(단수, 복수)을 검색하고자 할 때
?: 한 글자 예) wom?n → woman, women
: 0개 이상의 모든 글자 예) Patent → Patent, Patents, Patentable, Patented
- ✓ AND: 모든 단어가 함께 검색되어야 할 때
예) bioremediat* and groundwater
- ✓ OR: 검색어 중 한 개만 포함되어도 검색됨
예) Saccharomyces cerevisiae or yeast
- ✓ NOT: 특정 검색어를 포함하지 않는 자료만 검색 됨
예) lactobacillus not acidoph*
- ✓ 저자명 검색 시: 성, 이니셜(Lastname, AB Lastname, A B)
예) Renshaw, JC / Kim, H.C. / Mendis, E

검색 데이터베이스 안내 및 선택

Select Databases (특정데이터베이스 선택)

- ✓ DB 리스트 전체 선택/제거 기능 추가
- ✓ 데이터베이스 주제분야 확인 및 저널리스트 확인

☐ ? Education: A SAGE Full-Text Collection
Methodology, higher education, secondary education, vocational, measurement & testing, educational psychology

☒ ? **Environmental Sciences and Pollution Mgmt**
Environmental biotechnology, engineering, pollution

☐ ? Agricultural and Environmental Biotechnology Abstracts
Genetic engineering, cell culture, fermentation

☐ ? ASFA 3: Aquatic Pollution and Environmental Quality
Aquatic pollution, prevention and control

☐ ? Bacteriology Abstracts (Microbiology B)
Bacterial immunology, vaccinations, antibiotics, immunology

☐ ? Ecology Abstracts
Aquatic ecosystems, terrestrial ecosystems, human ecology

☐ ? EIS: Digests of Environmental Impact Statements
Air transportation, defense programs, parks, refuges, forests

☐ ? Environmental Engineering Abstracts
Air and water quality, environmental safety, energy production

☐ ? Health and Safety Science Abstracts
Environmental, pesticides, toxicology, emergency management

☐ ? Human Population & Natural Resource Management

Quick Links

[Field Codes](#)

[Serials Source List](#)

[Thesaurus](#)

Environmental Sciences and Pollution Mgmt

저널리스트 확인

This multidisciplinary database, provides unparalleled and comprehensive coverage of the environmental sciences. Abstracts and citations are drawn from over 6000 serials including scientific journals, conference proceedings, reports, monographs, books and government publications.

Subject Coverage

Major areas of coverage include:

- o Agricultural biotechnology
- o Air quality
- o Aquatic pollution
- o Bacteriology
- o Ecology
- o Energy resources
- o Environmental biotechnology
- o Environmental engineering
- o Environmental impact statements (U.S.)
- o Hazardous waste
- o Industrial hygiene
- o Microbiology related to industrial & environmental issues
- o Pollution: land, air, water, noise, solid waste, radioactive
- o Risk assessment
- o Safety science
- o Toxicology & toxic emissions
- o Water pollution
- o Waste management
- o Water resource issues

Advanced Search

검색필드와 불리언 연산자를 쉽게 이용하기 위한 drop-down 옵션

✓ 검색결과 제한 가능 (최근 업데이트 된 자료, 저널 아티클, 영어자료)

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NEWS [New Technology Database](#)

[Quick Search](#) **Advanced Search** [Search Tools](#) 0 Marked Records | [Search History](#) | [Alerts](#) [Help & Support](#)

not () or () or () Anywhere
and () or () or () Anywhere
and () or () or () Anywhere
or
not

[Search Tips](#) (e.g., wildcard*, "exact phrase") [Add Row](#) | [Remove Row](#)

Search **Clear**

Databases: [Arts & Humanities](#) or [Select Specific Databases](#)

Date Range: [Earliest](#) to [2004](#)

Limited to: ☐ Latest Update ☐ Journal Articles Only ☐ English Only

Show: [Short format](#) Results per page: [10](#)

Search Tools: [Combine Searches](#) | [Alerts](#) | [History](#) | [Command Search](#) | [Thesaurus](#) | [Indexes](#)

Search Results (DB별, 문헌형태별 검색결과 보기)

- ✓ Multiple 데이터베이스 통합 검색 시 데이터베이스별 검색결과 보기
- ✓ 특정 출판 형태별 검색결과 보기

결과 검색식 수정 도움말

1756 검색된 결과 건수 **bioremediat[®]** in ? ASFA: Aquatic Sciences and Fisheries Abstracts -

- 2450 ? AGRICOLA
- 10 ? AIDS and Cancer Research Abstracts
- 2295 ? Aqualine
- 1756 ? **ASFA: Aquatic Sciences and Fisheries Abstracts**
- 7351 ? Biological Sciences
- 54 ? BioOne Abstracts and Indexes
- 6709 ? Biotechnology and Bioengineering Abstracts
- 1333 ? Conference Papers Index
- 26 ? Earthquake Engineering Abstracts
- 2 ? EIS: Digests of Environmental Impact Statements
- 8475 ? Environmental Sciences and Pollution Mgmt.
- 85 ? Health and Safety Science Abstracts
- 1641 ? MEDLINE
- 73 ? Meteorological & Geostrophysical Abstracts
- 330 ? Oceanic Abstracts
- 1 ? Physical Education Index
- 31 ? Risk Abstracts
- 1216 ? TOXLINE
- 3272 ? Water Resources Abstracts
- 5 ? Recent References Related to Technology

Published Works 16608 Scholars 604 Web Sites 158

All Publication Types 1756 Journals 1435 Peer-Reviewed Journals 1231 학회 287 Books 26 More

선택 or 선택 취소 페이지내 모든 데이터베이스 선택 | Marked List에 추가 | 저장, 인쇄, 이메일 정렬하기: 최신성 ▼ 진행

이전 레코드 1 2 3 4 5 다음 레코드 Record # 진행

☐ 1. [Evaluation of the marine algae *Ulva fasciata* and *Sargassum* sp. for the biosorption of Cu\(II\) from aqueous solutions](#)
Karthikeyan, S; Balasubramanian, R; Iyer, CSP
Bioresource Technology [Bioresour. Technol.], Vol. 98, no. 2, pp. 452-455. Jan

데이터베이스:
ASFA: Aquatic Sciences and Fisheries Abstracts
주제어(Descriptors):
[biosorption](#) | [pH effects](#) |

Search Results

✓ Web Resources Database

검색한 키워드와 관련된 web 자료를 자동 검색하여 각 URL이 제공

Logout Quick Search Advanced Search Search Tools 0 Marked Records | Search History | Alerts

Results Edit Search

1101 results found for: **bioremediat*** and **groundwater** in Environmental Sciences and Policy

All Publication Types 1101 Journals 756 Peer-Reviewed Journals 650 Conferences 10

Mark or Clear all on page | Update Marked List | Save, Print, Email | RefWorks

<input type="checkbox"/>	1. Augmented Bioremediation [http://www.ce.vt.edu/program_areas/environmental/teach/gwprimer/group24/index.html] View Record	Database: Web Resource Descriptors: augmented bioremediation , groundwater More...
<input type="checkbox"/>	2. Bedrock Bioremediation Center [http://www.unh.edu/civil-engineering/research/erg/bbc/index.html] View Record	Database: Web Resource Descriptors: bioremediation , organic compounds
<input type="checkbox"/>	3. BIOPRACT GmbH [http://www.biopract.de/] View Record	Database: Web Resource Descriptors: biotechnology , water treatment

ENVIRONMENTAL ENGINEERING

- ACADEMICS
- ADMISSIONS
- RESEARCH
- PEOPLE
- CALENDARS
- ENVIRONMENTAL SOFTWARE
- LINKS

mission statement

Our mission is to provide the environmental engineering profession with highly qualified and motivated individuals, to generate and disseminate research results that are of importance to the profession, and to create a comfortable yet intellectually challenging atmosphere for both undergraduate and graduate students.

General Information

The Environmental Engineering Program of the Civil and Environmental Engineering Department at Virginia Tech is composed of 11 faculty members, 75 graduate students, and approximately 100 undergraduate students. The Environmental Engineering Division is a nationally recognized program consisting of faculty who excel as teachers and researchers. Several faculty members have received both research and teaching awards for their work.

✓ Recent Reference Database

검색한 키워드와 관련된 아직 데이터베이스에 등록되지 않은 최근 자료를 검색하여 제공

Search Results

- ✓ 각 레코드의 주제어 확인, 검색 가능
- ✓ 레코드 상세서지사항 확인 및 원문입수 확인
- ✓ 검색식 수정 - 각 검색화면으로 검색식 수정, 추가하여 검색하기

결과

16608 검색된 결과 건수 **bioremediat*** in Natural Sciences +

Published Works 16608 Scholars 604 Web Sites 158

All Publication Types 1756 Journals 1435 Peer-Reviewed Journals 1231 학회 287 Books 26 More >

선택 or 선택 취소 페이지내 모든 데이터베이스 선택 | Marked List에 추가 | 저장, 인쇄, 이메일 정렬하기: 최신성 > 진행

이전 레코드 1 2 3 4 5 다음 레코드 Record # > 진행

☐ 1. [Evaluation of the marine algae *Ulva fasciata* and *Sargassum* sp. for the biosorption of Cu\(II\) from aqueous solutions](#)
Karthikeyan, S; Balasubramanian, R; Iyer, CSP
Bioresource Technology [Bioresour. Technol.]. Vol. 98, no. 2, pp. 452-455. Jan 2007.
In this study, the adsorption properties of two different marine algae (*Ulva fasciata* (green algae) and *Sargassum* sp. (brown algae)) were studied to evaluate the adsorption kinetics and equilibrium isotherms and adsorption capacity of the algae for Cu(II).
레코드 상세보기 | Full-Text

“상세서지정보 확인”

데이터베이스: ASFA: Aquatic Sciences and Fisheries Abstracts
주제어 (Descriptors): biosorption | pH effects | Copper | Uptake | Kinetics | Adsorption | More...

☐ 2. [Arsenic resistance and removal by marine and non-marine bacteria](#)
Takeuchi, Mio; Kawahata, Hodaka; Gupta, Lallan Prasad; Kita, Noriko; Morishita, Yuichi; Ono, Yoshiro; Komai, Takeshi
Journal of Biotechnology [J. Biotechnol.]. Vol. 127, no. 3, pp. 434-442. Jan 2007.
... results showed that arsenic resistant and/or accumulating bacteria are widespread in the aquatic environment and that arsenic-acidophilic bacteria are potential candidates for bioremediation.
레코드 상세보기 | Full-Text

“전자저널 원문확인”

데이터베이스: ASFA: Aquatic Sciences and Fisheries Abstracts
주제어 (Descriptors): Arsenates | Arsenic | Bioremediation | Biotechnology | Cell culture | More...

☐ 3. [Effect of *Pseudokirchneriella subcapitata* \(Chlorophyceae\) exudates on metal toxicity and colloid aggregation](#)
Koukal, Brahim; Rosse, Patrick; Reinhardt, Alain; Ferrari, Benoit; Wilkinson, Kevin J; Loizeau, Jean-Luc; Dominik, Janusz
Water Research [Water Res.]. Vol. 41, no. 1, pp. 63-70. Jan 2007.
The effects of *Pseudokirchneriella subcapitata* exudates on the acute toxicity of metals (Cd, Cu, Pb and Zn) were studied using (1 h) algal photosynthesis inhibition tests. The metal concentrations tested were 30, 60, 120, 250 and 500 µg L⁻¹ super(-1) ...
레코드 상세보기 | Full-Text

데이터베이스: ASFA: Aquatic Sciences and Fisheries Abstracts
주제어 (Descriptors): Absorption | Bioaccumulation | Biogeochemistry | Bioremediation | Cadmium | Colloids | More...

각 레코드의 주제어로 재 검색 가능

Search Results - Scholars 1

결과

검색식 수정

도움말

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선택 or 선택 취소 페이지내 모든 데이터 보기

<ul style="list-style-type: none"> <input type="checkbox"/> 1. Evaluation of the marine algal biosorption of Cu(II) from aqueous solution by Sargassum sp. Karthikeyan, S.; Balasubramanian, V. Bioresour Technol [Bioresour Technol] 2007. In this study, the adsorption of copper ions by algae (<i>Sargassum</i> sp.) was studied under various conditions. The kinetics were studied to evaluate the adsorption mechanism. ... 레코드 상세보기 Full-Text Linking <input type="checkbox"/> 2. Arsenic resistance and removal by <i>Pseudomonas aeruginosa</i>. Takeuchi, Mio; Kawahata, Hideo; Ono, Yoshiko; Komai, Takeshi. J Biotechnol [J Biotechnol] ... results showed that arsenic-resistant strains could remove arsenic from the aquatic environment, and they are potential candidates for bio-remediation. ... 레코드 상세보기 Full-Text Linking <input type="checkbox"/> 3. Effect of Pseudokirchneriella ellipsoidea on toxicity and colloid aggregation of heavy metals. Koukal, Brahim; Rosse, Patrick; Loizeau, Jean-Luc; Dominik, Jiri. Water Res [Water Research] 2007. The effects of <i>Pseudokirchneriella ellipsoidea</i> (Cd, Cu, Pb and Zn) were studied at different metal concentrations tested with <i>Daphnia magna</i>. ... 레코드 상세보기 Full-Text Linking 	<p>Name Williams, Marshall V. Jr</p> <p>Email williams_70@osu.edu</p> <p>Web Pages http://medicine.osu.edu/mvimg/1140_cfm http://www.ibqp.org/faculty/profilepage.asp?ID=235 http://www.csuimicrobiology.org/faculty/mwilliams.htm</p> <p>CV http://www.ibqp.org/images/faculty/235/williams.pdf</p> <p>Affiliations Professor Department of Molecular Virology, Immunology and Medical Genetics School of Biomedical Science College of Medicine Ohio State University More...</p> <p>Degrees PhD MS</p> <p>Research Interests Research Interests: Deoxyuridine metabolism in eukaryotic systems (human, herpesvirus and human immunodeficiency virus infected cells) as it relates to gene expression, DNA replication and DNA repair processes with the goal of identifying environmental metal pollutants and human disease. ... Dr. Williams' research interests are focused on the role of deoxyuridine metabolism in DNA replication and repair processes in eukaryotic cells and viruses and the role of environmental metal pollutants and human disease. Deoxyuridine metabolism in eukaryotic systems (human, herpesvirus and human immunodeficiency virus infected cells) as it relates to gene expression, DNA replication and DNA repair processes with the goal of identifying environmental metal pollutants and human disease.</p>	<p>Scholar Profile from Scholar Universe Edit this Profile Suggest a Scholar</p>
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Selected Publications 4 Co-Scholars 1

Authorship by Williams, Marshall V. Jr has been verified for the publications listed below.

All Publication Types 4 Journals 1

Scholar Profiles from Scholar Universe Suggest a Scholar

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<ul style="list-style-type: none"> <input type="checkbox"/> 1. Modulation of human dUTPase using small interfering RNA. Studebaker, AW; Lafuse, WP; Kloesel, R.; Williams, MV. Biochemical and Biophysical Research Communications [Biochem Biophys Res Commun] Vol. 327, no. 1, pp. 306-310. 4 Feb 2005. Deoxyuridine triphosphate nucleotidohydrolase (dUTPase) is responsible for maintaining low levels of dUTP, thus preventing the incorporation of dUTP into DNA. A siRNA targeting dUTPase (siRNAdUT3) targeted against motif 3 of ... View Record Full-Text Linking <input type="checkbox"/> 2. Mutagenicity of reactive oxygen and nitrogen species as detected by co-culture of activated inflammatory leukocytes and A549 cells. Kim, Ha Won; Murakami, Akira; Williams, M.V.; Ohigashi, Hajime. Carcinogenesis [Carcinogenesis]. Vol. 24, no. 2, pp. 235-241. Feb 2003. Activated inflammatory leukocytes generate a variety of reactive oxygen and nitrogen species (RONS) that may have roles in mutagenesis and carcinogenesis. The purpose of the present study was to explore the relationship between inflammatory leukocyte ... View Record 	<p>Database: Community of Scholars</p>
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Search Results - Scholars 2

선택한 연구자의 프로파일 확인: 저자이력, 공저자, 저작물, 이력서(CV) 링크, 개인웹사이트, 이메일 정보, 관심 연구분야정보


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Name	Williams, Marshall V. Jr
Email	williams.70@osu.edu
Web Pages	http://medicine.osu.edu/mvimg/1140.cfm http://www.ibgp.org/faculty/profilepage.asp?id=235 http://www.osumicrobiology.org/faculty/mwilliams.htm
CV	http://www.ibgp.org/images/faculty/235/williams.pdf
Affiliations	Professor Department of Molecular Virology, Immunology and Medical Genetics School of Biomedical Science College of Medicine Ohio State University More...
Degrees	PhD MS
Research Interests	Research Interests: Deoxyuridine metabolism in eukaryotic systems (human immunodeficiency virus infected cells) as it relates to replication and DNA repair processes with the goal of... Dr. Williams' research interests are focused on the role of DNA replication and repair processes in eukaryotic cells. Environmental metal pollutants and human diseases. Deoxyuridine metabolism in eukaryotic systems (human immunodeficiency virus infected cells) as it relates to replication and DNA repair processes with the goal of... chemotherapy. Role ... Herpesvirus replication; dUTPase as a target site for anti-cancer drugs; Mechanisms of heavy metal mutagenesis in DNA repair in carcinogenesis; Mycoplasma evolution

Faculty Bios



Marshall V. Williams Jr.

williams.70@osu.edu

Professor
Department of Molecular Virology, Immunology and Genetics

Deoxyuridine metabolism in eukaryotic systems as it relates to gene expression, DNA replication and DNA repair.

Research Summary:
Herpesvirus replication; dUTPase as a target site for the development of anti-viral cancer drugs; Mechanisms of heavy metal mutagenesis; Mutagenesis and DNA carcinogenesis; Mycoplasma evolution.

Recent Publications

CURRICULUM VITAE

Marshall Vance Williams Jr.


Biographical Background

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Academic Background:

1966-1970	Memphis State University (University of Memphis), Memphis, Tennessee. Bachelor of Science
1970-1973	Memphis State University (University of Memphis), Memphis, Tennessee Master of Science. Thesis Title: "A Lipid Study on Members of the Order Myxobacteriales" Advisor: Dr. Joseph Layme
Three	
1973-1976	University of Georgia, Athens, Georgia. Doctor of Philosophy. Dissertation Title: "Chemical Analyses on the Mode of Action and Resistance to Azaserine in <i>Escherichia coli</i> ". Advisor: Dr. Gerald Trint
1976-1978	Cancer Research Scientist 1 (Post-doctoral Fellow)- Department of Experimental Therapeutics and Grace Cancer Drug Center, Park Memorial Institute, Buffalo, NY. Mentor: Dr. Roswell Yung Chi

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코드를 각 학회나 출판사의 형식으로 쉽고 빠
르게 자동생성

Kim, M. H., et al. "Continuous Fractionation of Fly Ash Particles by SPLITT for the Investigation of PCDD/Fs Levels in Different Sizes of Insoluble Particles." *Environmental science & technology* 36.20 (2002): 4416-23. *Environmental Sciences and Pollution Mgmt.* CSA. 18 Dec. 2004 <[www.csa.com](#)>.

Moon, M. H., et al. "Continuous Fractionation of Fly Ash Particles by SPLITT for the Investigation of PCDD/Fs Levels in Different Sizes of Insoluble Particles." *Environmental science & technology* 36.20 (2002): 4416-23. *Environmental Sciences and Pollution Mgmt.* CSA. 18 Dec. 2004 <[www.csa.com](#)>.

Park, J. S., and B. C. Cho. "Active Heterotrophic Nanoflagellates in the Hypoxic Water-Column of the Eutrophic Masan Bay, Korea." *Marine Ecology Progress Series* 230 (2002): 35-45. *Environmental Sciences and Pollution Mgmt.* CSA. 18 Dec. 2004

Search Tools - Combine Searches

Combine Searches

검색 히스토리 확인 및 검색 세트끼리의 간단한 조합 검색

The screenshot shows the 'Combine Searches' page of a search tool. The 'Combine Searches' tab is highlighted with a red circle. A red arrow points from the 'Databases' dropdown menu to the text '데이터베이스 선택'. A red bracket groups the 'Date Range', 'Limited to', and 'Show' options, with an arrow pointing to the text '검색결과 제한'. A blue arrow points from a yellow box containing the text '검색 히스토리 및 검색세트 번호 확인' to the 'Current Searches' section.

Quick Search | **Advanced Search** | Search Tools | [10 Marked Records](#) | [Search History](#) | [Alerts](#)

Combine Searches | [Return to Results](#) | [Help & Support](#)

Combine Searches | Alerts | History | Command Search | Thesaurus | Indexes

New Search:
(#3 or #2) and new term

Databases: [Select Specific Databases](#)

Date Range: to

Limited to: ☐ Latest Update ☐ Journal Articles Only ☐ English Only

Show: Results per page:

Current Searches

Search #8 (4 Results)

DE=("Ternary Systems" and "X Ray Diffraction" and "Phase Diagrams" and "Electron Diffraction")

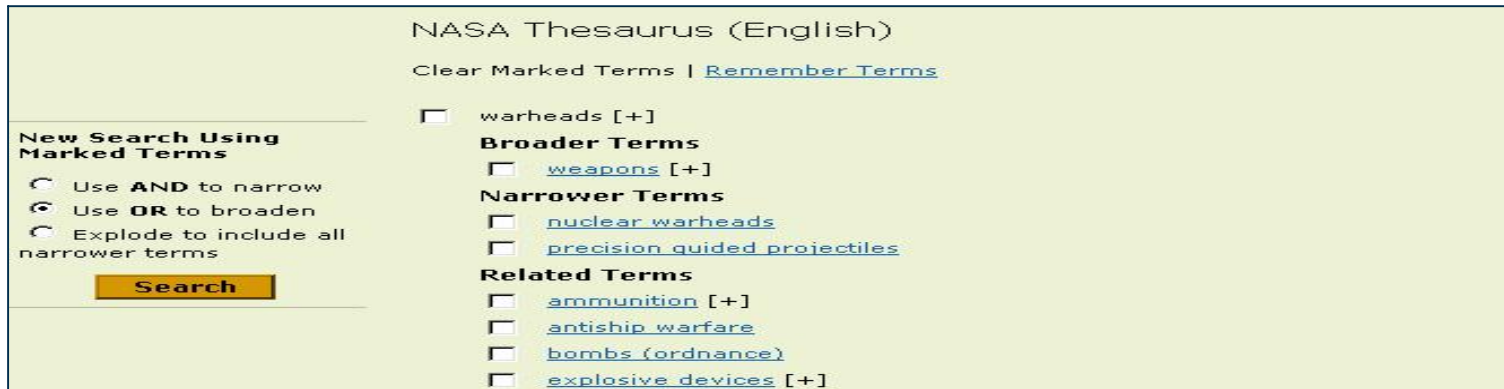
Databases: Multiple Databases -
0 CSA Engineering Research Database
2 CSA High Technology Research Database with Aerospace

Search Tools - Thesaurus / Indexes

Thesaurus Searching

검색 용어에 대한 관련된 주제어의 계층적 구조와, 관련 용어 리스트, 관계어 색인을 탐색하여 쉽게 전문적인 키워드로 검색.

전문적인 키워드를 모를 경우 일반적인 키워드로 주제어 목록을 탐색 한 다음 해당 용어에 대한 분류 어휘 목록과 계층적 구조를 탐색하여 쉽게 원하는 결과를 확인



NASA Thesaurus (English)

Clear Marked Terms | [Remember Terms](#)

New Search Using Marked Terms

☐ Use **AND** to narrow

☒ Use **OR** to broaden

☐ Explode to include all narrower terms

Search

☐ warheads [+]

Broader Terms

☐ [weapons](#) [+]

Narrower Terms

☐ [nuclear warheads](#)

☐ [precision guided projectiles](#)

Related Terms

☐ [ammunition](#) [+]

☐ [antiship warfare](#)

☐ [bombs \(ordnance\)](#)

☐ [explosive devices](#) [+]

Browse Indexes

Browse Index는 데이터베이스 안에서 사용하는 용어의 리스트.

저자명이나, 저널명, 출판 형태를 브라우징 해서 검색을 도와줌



-- Select an Index --

-- Select an Index --

CSA High Technology Research Database with Aerospace

- Author Index

- Journal Name Index

- Publication Type Index

* 시소러스나 Index 기능이 제공되지 않는 데이터베이스도 있습니다.

Search Tools - Alerts

언제든지 접근 가능한 Alert 기능

개인이 자주 검색하는 Keywords, Author, Journal Name 등 특정 검색어를 저장함으로써 수시로 업데이트 되는 최신 정보를 등록된 E-mail로 받아볼 수 있음

The screenshot displays the CSA Illumina website's 'Alerts' section. The top navigation bar includes 'Quick Search', 'Advanced Search', 'Search Tools', '0 Marked Records', 'Search History', and 'Alerts' (highlighted with a red circle). Below this, a secondary bar contains 'Personal Login', 'Combine Searches', 'Alerts' (highlighted with a red box), 'History', 'Command Search', 'Thesaurus', and 'Indexes'. The main content area is divided into two columns. The left column, titled 'Open Your Personal Profile', contains a form for 'Enter the email address and', 'Email address:', 'Personal Password:', and a 'Continue' button. The right column, titled 'Saved Alerts', lists two alerts: 'Alert #2 (Expires 2005-11-06)' and 'Alert #1 (Expires 2003-11-06)'. Each alert entry shows its format (Short or Full) and the databases it covers. A sample alert email is shown in a separate window, titled 'CSA Illumina Alert: Sociological Abstracts - 메시지 (일만 엑스트)'. The email header includes '보낸 사람: alerts@CSA.COM', '받는 사람: yllm@csa.com', and '보낸 날짜: 2005-11-06 (일) 오후 9:06'. The body of the email states: 'This message contains 6 new references found in the CSA Illumina database Sociological Abstracts. The search that retrieved these references was performed automatically by CSA Illumina to alert you to new content matching a query saved in your Alert Profile. We will continue to send Alerts on this topic until 01 April, 2006. To modify or delete the Alert, login to CSA Illumina, go to Search Tools/Alerts.' Below this, a sample record is shown: 'Record 1 of 6', 'DN: Database Name Sociological Abstracts', 'TI: Title Ideology of Clan Community and Confucian Social Capital', 'AU: Author Kim, Bo-Kyoung', 'SO: Source Journal of East Asian Social Thoughts, 2005, 11, 175-205', 'DE: Descriptors Korea: Cultural Capital; Confucianism; Clans; Community Development; Family', 'AB: Abstract Cronyism is one of the essential elements of Korean society's networking. This also makes possible explanation of social phenomena so far deemed as irrational. The prevailing ideology rooted in the'.