



UNIVERSITÉ
DE MONTPELLIER

Training in documentary retrieval

BU Medicine Nîmes

DU Photobiomodulation for the management of pain, wound healing and

Related Pathologies

2025



Support Plan

1. The library services of the University of Montpellier
2. Conduct a literature search
3. Applications in **the SCD-UM and Sudoc catalogues**
4. Applications in **Databases**
5. Applications in **web search engines**.
6. Data research in **the Human and Social Sciences** useful in medicine



UNIVERSITÉ
DE
MONTPELLIER

Montpellier
34090
France

1.

The library services of the University of Montpellier

- ✓ Loan of up to 15 documents (books, dissertations) for 28 days (return date based on your calendar)
- ✓ Return of documents to any BU in the Montpellier network, of which Médecine Nîmes is a part
- ✓ Books already borrowed can be reserved
- ✓ Possibility of bringing in a document from another BU in the network
- ✓ Books marked with  can be consulted on site
- ✓ Information and help with research, both on-site and remotely :
 - Online question and answer service: [UBIB](#)
 - bumedecine-nimes@umontpellier.fr



Opening hours of the BU Médecine Nîmes

Monday to Friday

9h - 22h30

Saturdays

10h - 18h

Sundays

10h - 18h

Photocopies, impressions

0,06 € A4 in black and white

- ✓ 0,18 € A4 in colour or A3
- ✓ Printing via the [website Sedeco Montpellier](#)



Computer access

2 computer rooms (30 workstations)

- ✓ Laptop loan for the academic year at home
- ✓ Loan of Netbooks and headsets on site
- ✓ A [Wi-Fi connexion](#)



Printed collections

What documents can I find?

✓ Books on the shelves

✓ Paper magazines

✓ Memoirs from previous years

(In bookstack: call Monday to Friday from 9h to 18h, fill in a consultation request form at reception)



How do I find documents?

✓ Classification plane

✓ Online Catalog: <https://bibliotheques.edu.umontpellier.fr/les-ressources-a-votre-disposition/>

Access to the SCD-UM catalogue

Via your account [ENT UM](#), after activating your account when you log in for the 1st time...



Pour des raisons de sécurité, veuillez vous déconnecter et fermer votre navigateur lorsque vous avez fini d'accéder aux services authentifiés.

... the "Bibliothèques" menu gives access to the SCD-UM catalogue with immediate authentication

TOUS	MON DOSSIER	COMMUNICATION	PARTAGE	UTILS	ENSEIGNEMENTS	RH	FINANCES	ASSISTANCE
Intranet Actualités et documents internes	Mail Tutorat et sa documentation	Centre de Services Demandes et assistance	Moodle Plateforme d'enseignement en ligne	Annuaire Coordonnées UM des personnes	Annuaire étudiant Informations sur les étudiants			
Compte Informatique Redirection mail, mot de passe ...	ADHOC Horaires, absences et congés	Mon dossier administratif Informations personnelles en cours	Liste de diffusion Gestion, abonnement et accès aux archives	Liste de diffusion étudiantes Abonnement au mailing lists	DEPPOS Fiche de poste et envoi professionnel			
Ma signature Générer ma signature d'email	Visio Scopia Visioconférence à l'UM	Foodle Créer des sondages de planification de réunions	File Sender Transfer de fichiers volumineux	eBureau Accéder à votre environnement de travail : données communes et Microsoft Office	Open Report Entrer les données de gestion des applications métiers			
Compte invité WiFi Créer des comptes WiFi Visiteur sur le réseau UM-Net	Gestion des colloques Création, gestion, inscriptions et paiement en ligne associé	Création de questionnaires Créer et gérer les réponses d'enquêtes en ligne	Antivirus Télécharger l'antivirus KASPISKY pour votre poste de travail	Antiplagiat Copiplatia	Grouper Gestion des groupes par application (administrateur)			
Bibliothèques Accès au site Web de la Bibliothèque inter universitaire	Planning ADE Emploi du temps	Univ. Numériques Thématisques Accès au site Web des UNT	PEC Portefeuille d'expérience et de compétences	Sygefor Gérer vos demandes de formation	Gestion des Achats Déposer et gérer les Marchés à procédures adaptées (MAPA)			

Services and BUs of the SCD and UM



BIBLIOTHÈQUES
UNIVERSITAIRES
UNIVERSITÉ DE MONTPELLIER

Nouvelle
recherche

Chercher
une
revue

Bases de
données

Recherche
guidée

Demande
PEB

Une
question
?

...



Retiveau, Nolwenn



Mon compte lecteur

Emprunter un document ou du matériel

Réserver ou prolonger un document

Demander un prêt entre bibliothèques

Une question ?

Suggérer un achat

Demander un quitus

Services à destination des publics en situation de handicap

Réserver mon espace de travail

✓ Your services

- ✓ Check your reader account
- ✓ Making an ILL request
- ✓ Ask a question to a librarian via the Ubib service
Une Question ?
- ✓ Book a workspace



Informations pratiques

Les BU en vidéo

Actualités

S'inscrire

Faire venir et/ou rendre un document dans la BU de votre choix

Imprimer, photocopier, scanner



Je suis étudiant(e)

Tutoriels d'auto-formation

Rendez-vous avec un(e) bibliothécaire

Je suis enseignant(e)-chercheur(euse)

Ressources documentaires pour la pédagogie

Rendez-vous avec un(e) bibliothécaire

Suggérer un achat

✓ Your BU

- ✓ Find a BU and consult its file (details)
- ✓ Find out about BU opening times
- ✓ Bring and/or return a document to the BU of your choice

✓ Training

- ✓ Request a personal appointment with a librarian
- ✓ Access self-training tutorials
- ✓ Access to documentary resources



UNIVERSITÉ
DE
MONTPELLIER

Your reader account



BIBLIOTHÈQUES
UNIVERSITAIRES
UNIVERSITÉ DE MONTPELLIER

Nouvelle recherche Chercher une revue Bases de données Recherche guidée Demande PEB Une question ? ...

Rechercher

Tout



Mon compte lecteur

[Emprunter un document ou du matériel](#)

[Réserver ou prolonger un document](#)

[Demander un prêt entre bibliothèques](#)

[Une question ?](#)

[Suggérer un achat](#)

[Demander un quitus](#)

[Services à destination des publics en situation de handicap](#)

[Réserver mon espace de travail](#)



Informations pratiques

[Les BU en vidéo](#)

[Actualités](#)

[S'inscrire](#)

[Faire venir et/ou rendre un document dans la BU de votre choix](#)

[Imprimer, photocopier, scanner](#)



Je suis étudiant(e)

[Tutoriels d'auto-formation](#)

[Rendez-vous avec un\(e\) bibliothécaire](#)

Je suis enseignant(e)-chercheur(euse)

[Ressources documentaires et didactiques](#)

[Rendez-vous avec un\(e\) bibliothécaire](#)

[Suggérer un achat](#)

Access to your reader account

✓ Extend your loans

✓ Consult the return dates and the history of your borrowings

✓ Make an ILL request

APERÇU PRÊTS SERVICES AMENDES + FRAIS BLOCAGES + MESSAGES RENSEIGNEMENTS

Prêts

¹ Le métier de bibliothécaire / As...

Henard , Charlotte

À rendre avant le: 03/01/23, 22:20

Retourner à : Nîmes BU Médecine

Fonds professionnel Fonds Pro

² Les métiers des bibliothèques /...

Marcerou-Ramel , Nathalie

À rendre avant le: 03/01/23, 22:20

Retourner à : Nîmes BU Médecine

Fonds professionnel PRO

³ Administration et bibliothèque...

Desrichard , Yves

Services

¹ Préparer le concours de bibliot...

Bailly , Nathalie (19....) , bibliothécaire

RÉSERVATION.Sur le rayon des résé...

Retirer : Nîmes BU Médecine

Amendes + frais



Il n'y a aucune amende



UNIVERSITÉ
DE
MONTPELLIER

Interlibrary Loan: ILL

Demande de document - Service payant

Pour la bibliothèque: ***** Montpellier BU Droit Economie Gestion

Informations ressource

Type de référence: ***** Montpellier BU Droit Economie Gestion

Titre : ***** Montpellier BU UPM
Montpellier BU Pharmacie
Montpellier BU Sciences
Montpellier BU Lettres
Nîmes BU Médecine

Auteur(s) (Nom, prénom): *****

Initiales de l'auteur:

Édition spécifique seulement:

Édition : ***** _____

ISBN: _____

LCCN: _____

Numéro OCLC: _____

Éditeur: _____

Année: ***** _____

Lieu de publication: _____

Auteur additionnel (Nom, prénom): _____

Volume: _____

Partie: _____

Chapitre: _____

Votre numéro de téléphone: ***** _____

Numéro de collection: _____

Pages à photocopier: _____

Informations de livraison

Format: Physique Photocopies

Média demandé:

Bringing in a document not found in the Montpellier's BUs

In the first drop-down menu, choose the university library that suits you best (not necessarily BU Nîmes Médecine) as the collection library.

It is in this library that you must collect and return the document requested (thesis, monograph, article, bearing in mind that for this last type of document, it is a reproduction that you can keep...)

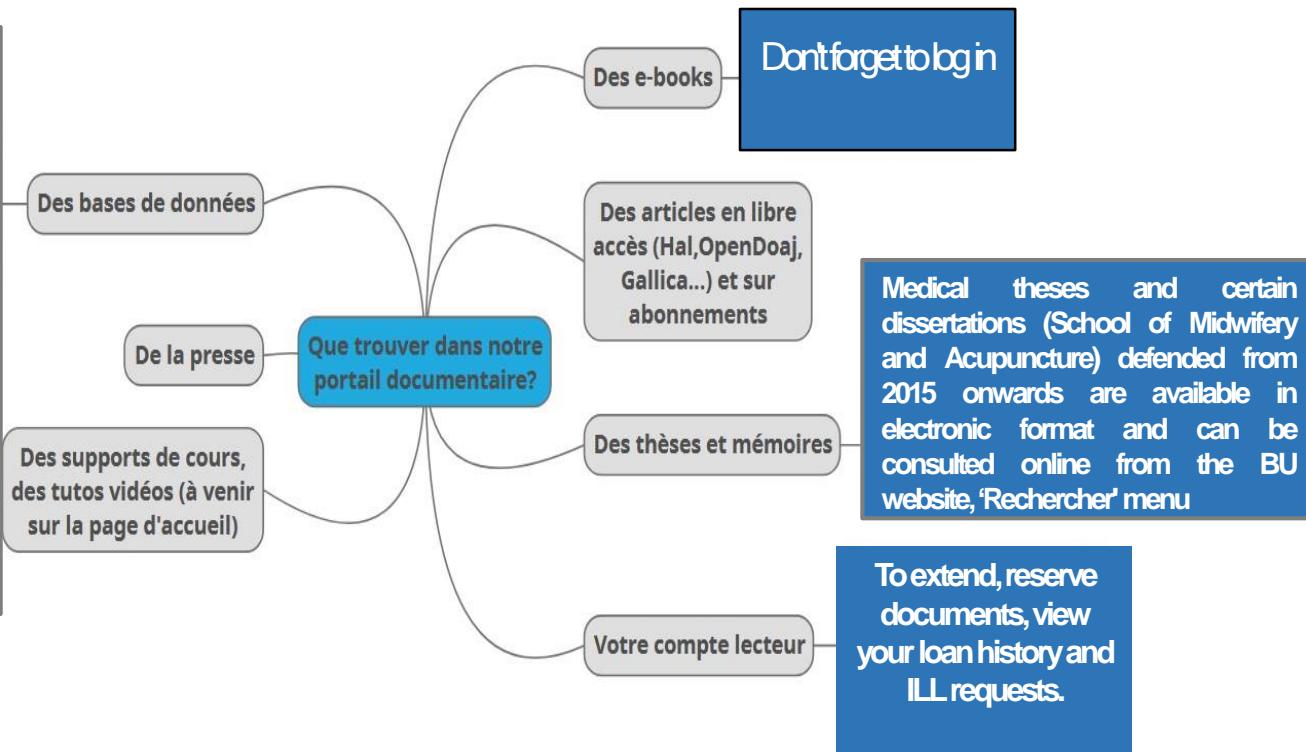
Fill in the mandatory fields, then confirm

Summary of resources and services available online or on site

In authenticated mode on the University's ENT, activating the "Bibliothèque" tile gives immediate access to :

- ✓ The catalog
- ✓ Your own reader account
- ✓ The various services offered by the UM SCD
- ✓ Databases and electronic journals

- If you are looking for a specific database for which you know the title, perform an advanced search using the "Databases" material type, then enter the title
- If you would like to find out more about our range of healthcare databases, an alphabetical and thematic list of databases is available from the "Databases A - Z" tab on the home page of the catalogue



The "Bibliothèque" tile: immediate access to the catalogue



BIBLIOTHÈQUES
UNIVERSITAIRES
UNIVERSITÉ DE MONTPELLIER

Nouvelle recherche Chercher une revue Bases de données Recherche guidée Demande PEB Une question ? ...



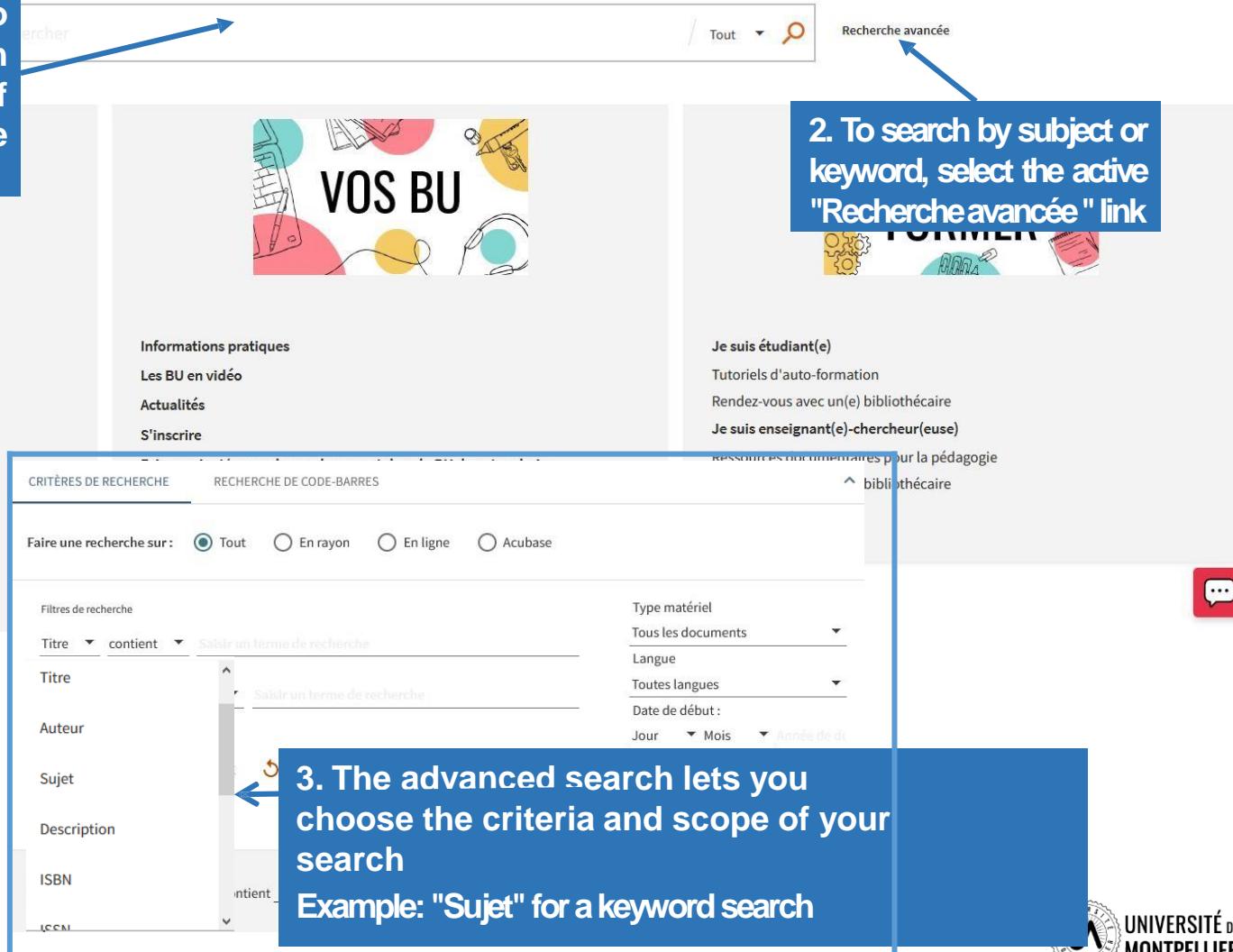
Retiveau, Nolwenn

1. By default, you are redirected to the simple search interface.

This should only be used to search for a document for which you know the exact title, or part of the title, and the author of the document.



Mon compte lecteur
Emprunter un document ou du matériel
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Demander un prêt entre bibliothèques
Une question ?
Suggérer un achat
Demander un quittus
Services à destination des publics en situation de handicap
Réserver mon espace de travail



1. By default, you are redirected to the simple search interface.

This should only be used to search for a document for which you know the exact title, or part of the title, and the author of the document.

2. To search by subject or keyword, select the active "Recherche avancée" link

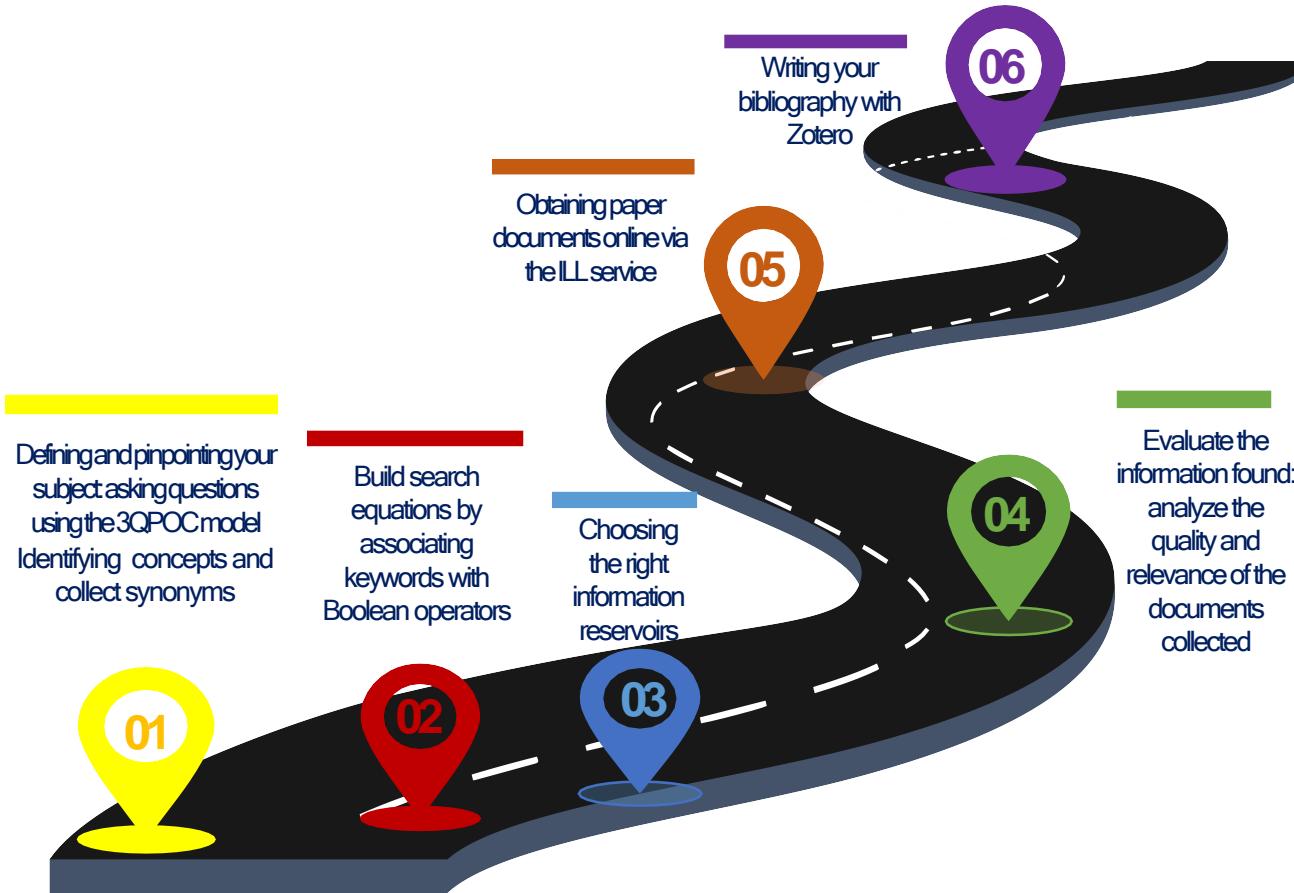
3. The advanced search lets you choose the criteria and scope of your search
Example: "Sujet" for a keyword search



2.

Conduct documentary research

The stages of documentary research



What is a research methodology? This is the set of steps involved in searching for, identifying and finding documents relating to a subject by developing a search strategy

Defining and pinpointing your subject of research:

To identify the theme or subject of your research, you need to understand it:

To be effective in your research, find relevant documentation and produce quality work, start by researching the **definition of your keywords**

To familiarise yourself with your subject and see its scope, consult reference documents such as: an encyclopaedia, a terminology dictionary, a textbook referred to in your course or in a bibliography, a magazine article

The aim is to highlight the issues associated with the problem and to provide an initial bibliographic overview

There are several ways of defining your subject:

- brainstorming
- mind-mapping
- 3QPOC (or 5W) questioning: Qui ? (Who?), Quoi ?(What?), Où (Where?), Comment ? (How?), Pourquoi ? (What for?) or the PICO process

How do you question your subject?

Quintilian Questioning or 3QQOCP

Delimiting your subject means asking yourself questions about the aspects that should be studied as a priority. 3QQOCP questioning is used to clarify and specify your subject. It involves asking yourself all the possible questions to find the main concepts and ideas of the subject.

Qui	<input type="checkbox"/> Quelle est ma population d'étude ? <input type="checkbox"/> Qui est concerné ? <input type="checkbox"/> Des enfants, des adultes, des adolescents, ... ?
Quand	<input type="checkbox"/> Sur quelle période j'effectue ma recherche ? <input type="checkbox"/> De quand date le problème ?
Quoi	<input type="checkbox"/> Quel est le problème ? <input type="checkbox"/> Quelle nature d'information je souhaite ? (théorique, juridique, historique...) <input type="checkbox"/> Quels types de documents dois-je chercher ? (archives, articles, vidéo, cartes, lois, rapports, monographies, thèses, mémoires...)
Où	<input type="checkbox"/> Sur quelle zone géographique se situe ma recherche ?
Comment	<input type="checkbox"/> Quelles sont les causes, les effets ? <input type="checkbox"/> Comment vais-je recueillir les données ? <input type="checkbox"/> Vais-je les analyser ?
Pourquoi	<input type="checkbox"/> Quels sont les enjeux du sujet ? <input type="checkbox"/> Pourquoi cela se produit-il ?

We question the topic to bring out the main themes, sub-themes and the angle we want to give to it (social, medical, psychological, etc.).

Goal : Draw up a precise research question. This method can be used again if the subject is too broad or too narrow..

How do you question your subject?

PICO process

PICO process: (P : Patient, Population or Problem ; I : Intervention ; C : Comparaison, control or comparator ; O : Outcome(s))

Formulating a PICO process makes it possible to clarify a study question and identify the key concepts, so that you can then carry out an effective bibliographical search in a database.

Patient ou Problème médical	<input type="checkbox"/> A qui s'adresse l'intervention ? Hommes, femmes, d'une certaine tranche d'âge, ayant telle caractéristique, telle pathologie...
Intervention	<input type="checkbox"/> Cherche-t-on des renseignements sur un nouveau traitement médicamenteux, <input type="checkbox"/> un traitement physique, <input type="checkbox"/> une action d'éducation à la santé ?
Comparaison	<input type="checkbox"/> A quoi éventuellement doit être comparée l'intervention décrite ? <input type="checkbox"/> Méthode ou test de référence, alternative ?
Outcome (= résultat, aboutissement)	<input type="checkbox"/> Issue clinique, pratique recherchée ? <input type="checkbox"/> Évènement mesuré, faisabilité, pertinence...

Example : Is there any point (O) in vaccinating (I) pre-school children (P) against chickenpox rather than allowing epidemics to develop spontaneously in schools (C) ?

Identify the concepts in the subject and collect synonyms

Use free language

Before turning directly to information sources, you need to define a research strategy:

The aim is to think of as many different words or expressions as possible to describe the main ideas or concepts of your subject

o find your keywords, you can use **"natural language"**, i.e. "your own words"

To find relevant documents, you need:

Break your subject down into concepts and avoid using empty terms or useless words: problem, issue, impact, influence, comparison, relationship, importance (= meaningless for the subject)

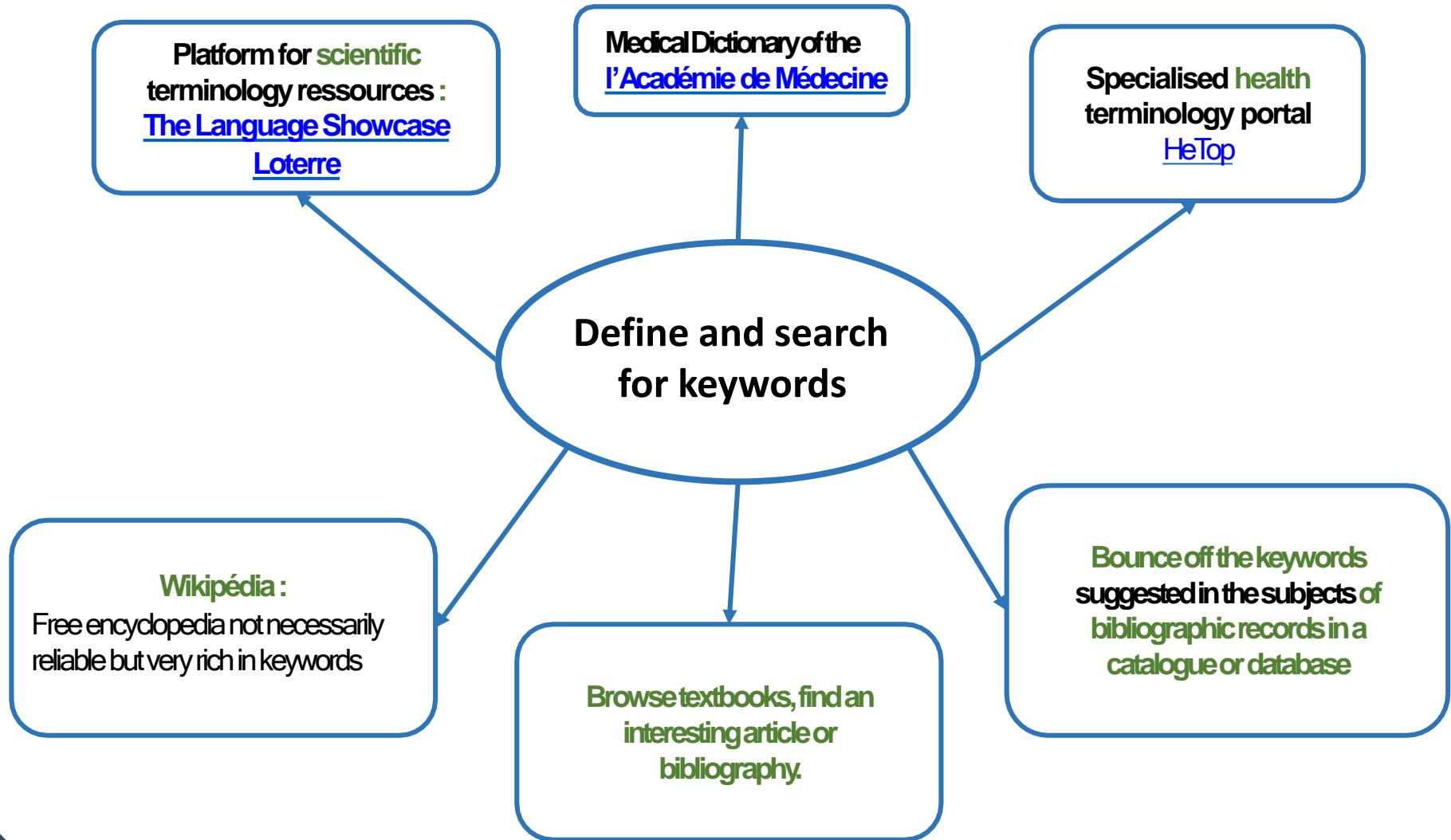
** Concepts = Keywords relating to a subject which will then be used in search tools.
A concept = could be one or more keywords*

Collect synonyms, close terms and related terms in French and English to avoid missing documents that do not match this keyword in the resources

It is essential to translate your keywords into English as many resources are queried in English as many resources are queried in English (use [DeepL](#), a free, open-source translator)

What tools can you use to define and collect your keywords?

Terminology tools



Find a keyword in MeSH language in HeTOP

HeTOP français photobiomodulation

Recherche sans troncature (sans wildcard)
 Sélection terminologies Ne pas chercher dans les définitions

Vos recherches
1 ressource(s) trouvée(s) en 0,06 s

Meilleurs candidats
→ Photothérapie de faible intensité [Descripteur MeSH]
MeSH (1)
Descripteur MeSH (1)
→ Photothérapie de faible intensité

MeSH keyword or descriptor

Photothérapie de faible intensité (Descripteur MeSH) ⓘ 

Description Hiérarchies Relations PubMed / Doc'CISMeF

NIH NLM Inserm BioPortal RDF/ XML

Voir toutes les langues Off

Identifiant d'origine
D028022

Libellé préféré
Photothérapie de faible intensité  **MeSH Equivalent in English**
Low-Level Light Therapy 

Définition du MeSH
Treatment using irradiation with light of low power intensity so that the effects are a response to the light and not due to heat. A variety of light sources, especially low-power lasers are used. **Definition**

Synonyme MeSH
Light Therapies, Low-Level  Light Therapy, Low-Level   Low Level Light Therapy
Low-Level Light Therapies  Photobiomodulation Therapies  Photobiomodulation Therapy  Therapies, Low-Level Light **Synonyms**
Therapies, Photobiomodulation  Therapy, Low-Level Light  Therapy, Photobiomodulation

Synonyme CISMeF
biostimulation par laser athermique  irradiation au laser froid  laser basse pression  Photothérapie de basse puissance
thérapie au laser froid  thérapie laser bas niveau  Thérapie laser froid  Thérapie par la photobiomodulation
thérapie par laser athermique 

Find a keyword in MeSH language in HeTOP

The ' Hiérarchies' tab allows you to situate the term in the various medical science categories to which it refers, from the most general to the most specific

HeTOP français photobiomodulation X ✓ T/O i u

Recherche sans troncature (sans wildcard)

Sélection terminologies Ne pas chercher dans les définitions

Vos recherches

1 ressource(s) trouvée(s) en 0,11 s

Meilleurs candidats

→ Photothérapie de faible intensité [Descripteur MeSH]

MeSH (1)

Suggested tree structure for this term

Photothérapie de faible intensité (Descripteur MeSH) i 

Description Hiérarchies Relations PubMed / Doc'CISMeF

Arborescence complète

arborescence MeSH

Techniques analytiques, diagnostiques, thérapeutiques et équipements

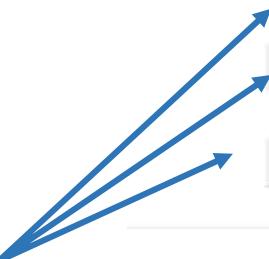
thérapeutique

photothérapie

Photothérapie de faible intensité

thérapie laser

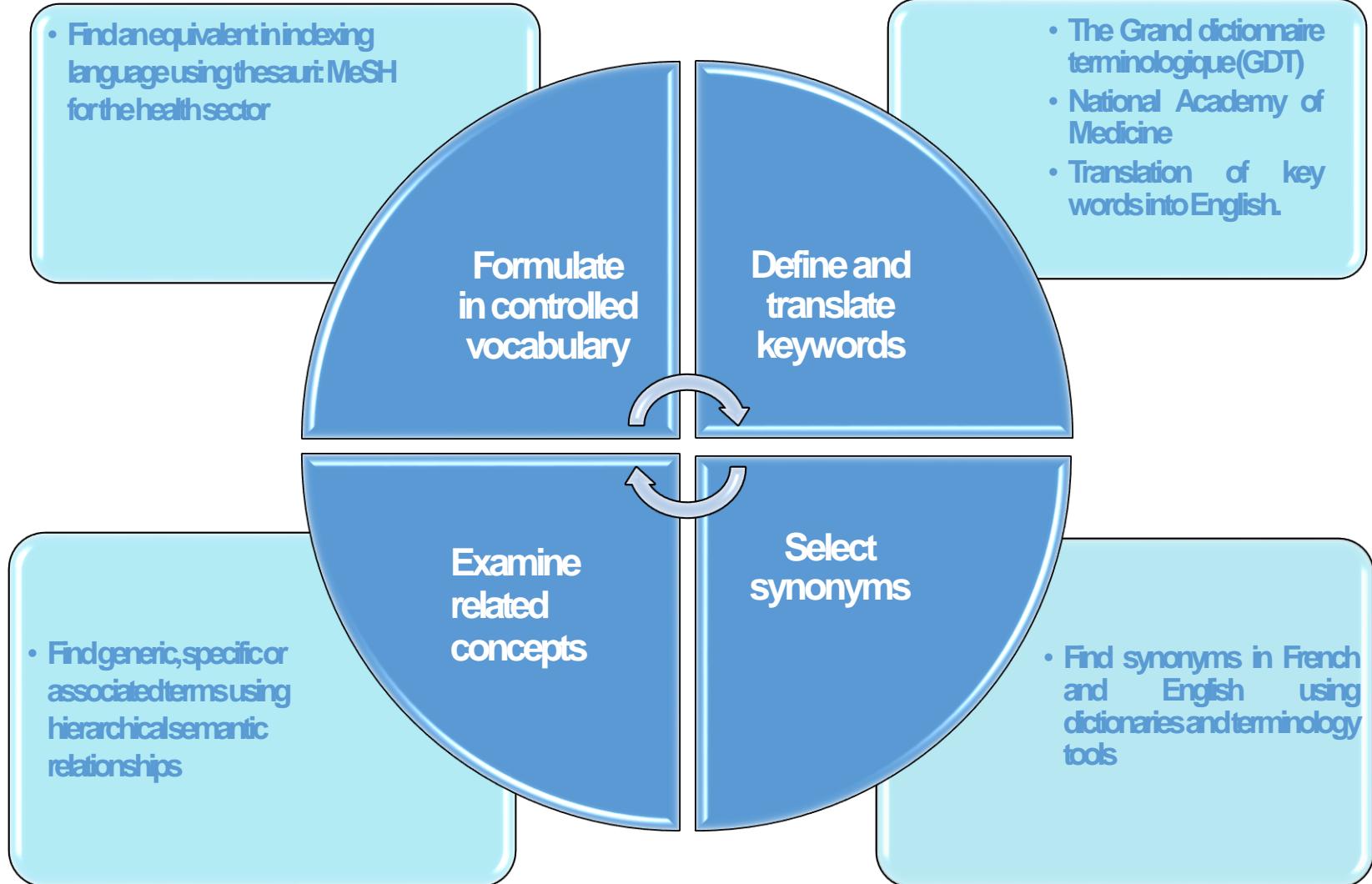
Photothérapie de faible intensité



Work on your keywords

Synonymes
Thésaurus
Mots
Concepts
Traduction
Anglais
génériques

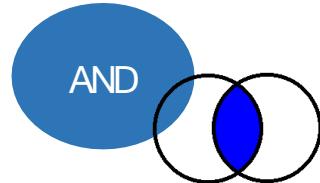
contrôle
Définition
spécifiques
Mesh
Vocabulaire
Indexation



Construct one or more research equations

A search equation is used to query the documentary tools:

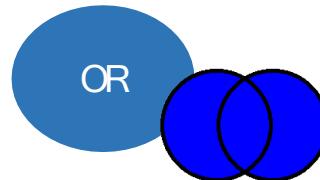
The keywords in the subject are associated using **Boolean operators = AND, OR, NOT**



Both (each of the search terms must be present):

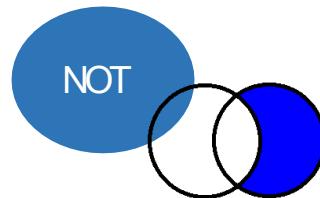
allows you to narrow your search

Eg. medicinal plant* **AND** phytotherapy*



Either or both: allows you to link two synonyms and broaden your search

Eg. headache* **OR** headache*



One without the other: one of the search terms is excluded

Eg. analgesic* **NOT** aspirine*



In French

In English

Construct one or more research equations

There are also syntax operators that can be used to manipulate the results

« »

Inverted commas : They can be used to search for an exact expression or a character string.

E.g. "Swallowing disorders"

*

Truncation or star: it replaces the last letters in a word

E.g. **epidemia*** will give **epidemic, epidemics, epidemiology, epidemiological, epidemiology, ...**

Filters

Filters: They allow you to sort/refine the number of results

E.g. **filters by type of support, by BU, by date, etc.**

Advanced
search

The advanced search mode will save you time with every tool you use

— An example

My subject: Therapeutic management of obesity in adolescents

Determining the limits

Identify the limits of time, place, etc.

Identifying concepts

Express your subject using a few meaningful words

Please note! The more concepts there are, the more precise the search and the fewer documents will be found

Find synonyms in English and French

Identify synonyms or equivalent terms in French and then translate the terms into English if you need to search English-language databases

Construct your search equations using Boolean operators

AND/OR/NOT

An example

CONCEPT 1	CONCEPT 2	CONCEPT 3
Obesity	Adolescent	Therapy
CONCEPT 1	CONCEPT 2	CONCEPT 3
Surpoids, Surcharge Weight	Adolescent, young person, teenager	Therapy, Management therapeutic
Overweight	teenager	Treatment
Fatness		Treatment, care, therapeutic management
Childhood		
Obesity		
Childhood		
Overweight		

My Search Equations

Obesity **OR** overweight **OR** Overweight **AND** teenager **OU** Young **OU**
Adolescent **AND** Treatment **OR** Therapeutic management

Search Strategies

Keywords / French–English synonyms / MeSH terms

Topic: Prevention of urinary leakage following organ descent

		KEYWORD	KEYWORD	KEYWORD
OU / OU	NATURAL LANGUAGE	Urinary leakage*	Organ descent	Prevention
	PROFESSIONAL LANGUAGE	Urinary loss*	Ptose	Preventative measure*
		Enuresis	Procidence	Preventive medicine
EQUIVALENT IN ANGLAIS	Urinary incontinence	Prolapsus		
	Bladder incontinence	Prolapse	Prevention	
	Incontinence of urine	Ptosis	Preventive Care	
TERME MESH	Enuresis			
	Incontinence urinaire	Prolapsus d'organe pelvien	Prevention and control (<u>Qualifier</u>)	
TERME MESH ANGLAIS	Urinary incontinence	Pelvic organ prolapse	Prevention and control (<u>Subheading</u>)	

For the term **enuresis**, you can exclude the term **child** from the search: **enuresis NOT "child"***

ET / AND



Steps to Design a Concept Board

	Objective	Method	Example
Identify concepts in a research statement	Guiding research	Keep only the main keywords. Exclude relational terms (e.g. effects, causes, comparisons, etc.)	Prevention of bladder weakness following organ descent: the current situation in France.
Find keywords that are synonymous or associated with concepts	Diversify search results	List synonyms in English and French. Determine related terms. Use dictionaries or thesauri	<ul style="list-style-type: none"> - Urinary incontinence, Urinary loss... - Procidence, Prolapsus... - Prevention, Preventive measures - Bladder incontinence - Prolapse
Combining keywords	Achieve accurate and complete results	Match keywords with each other with OR, (), AND <ul style="list-style-type: none"> • OR to link synonyms • () to enclose synonyms connected by an OR • AND to link concepts between them 	<ul style="list-style-type: none"> - (Urinary* incontinence* OR Bladder* leakage*) AND (Organ* descent* OR Prolapsus) AND Prevention - (Incontinence of urine OR Bladder incontinence) AND (Prolapse OR Ptosis) AND Prevention
Setting limits	Define your subject if necessary	If necessary, indicate a time limit	France Last ten years

[Blank concept table for use \(click on this link\)](#)



3.
**Applications in SCD-
UM and Sudoc
catalogues**

Applications in the Library Catalog

In “Recherches avancées”: possibility to cross-reference several search criteria using the Boolean operators and filters

- on the **Search page**
- on the **Results page**

The screenshot shows a library catalog search interface with the following elements:

- Search Criteria:** The search bar contains "PHOTOBIOMODULATION" in the "Tous les champs" field and "DERM*" in the "Sujet" field, connected by the Boolean operator "ET".
- Filters:** On the right, there are filters for "Type matériel" (set to "Livres"), "Langue" (set to "Toutes langues"), and "Date de publication" (set to "Toutes les années").
- Search Button:** A "RECHERCHER" button is located on the right side of the search bar.
- Results Summary:** Below the search bar, it says "0 sélectionné" and "4 Résultats".
- Results List:** The results are listed as follows:
 - 1 LIVRE:** "Les lasers en dermatologie" by Dahan, Serge; Pusel, Bertrand; Cartier, Hugues; Ghesquière-Dierickx; Pannelier, Christine (2017). Status: Disponible. Voir toutes les bibliothèques.
 - 2 VERSIONS MULTIPLES:** "Photobiomodulation en dermatologie : comprendre et utiliser les LED" by Noé, Christine (1959-...). Status: 2 versions disponibles. Voir toutes les versions.
 - 3 LIVRE:** "Photobiomodulation en dermatologie: Comprendre et utiliser les LED" by 2014. Status: Accès en ligne.

Deciphering the leaflet in a printed book

The 'Emplacement' area allows you to know where the copies of the document are physically located

Possibility to restart the search by clicking on an author's name for example

Subject words are the keywords with which documents are indexed

The screenshot shows a library catalog entry for a book. At the top, the book cover is displayed with the title 'Photobiomodulation en dermatologie : comprendre et utiliser les LED'. Below the cover, the text 'LIVRE' is followed by the title and author information: 'Photobiomodulation en dermatologie : comprendre et utiliser les LED' by Noé, Christine (1959-...); Dahan, Serge; Pusel, Bertrand; Cartier, Hugues; 2014. A green link 'Disponible. Voir toutes les bibliothèques >' is shown. To the right, a blue box contains the text: "'Réserver' allows you to bring a document to another library'". On the left, a sidebar lists navigation options: HAUT, SERVICES, OBTENIR, NOTICE DÉTAILLÉE, LIENS, ETAGÈRE, and VIRTUELLE. A blue arrow points from the 'Emplacement' text in the first callout to the 'EMPLACEMENTS' section in the catalog. Another blue arrow points from the 'restart the search' text in the second callout to the author's name 'Noé, Christine (1959-...)' in the catalog. A third blue arrow points from the 'Subject words' text in the third callout to the 'Sujets' section in the catalog. The catalog itself shows the book's details: 'Nîmes BU Médecine Salle 2-3e cycles WR650 NOE' (with a 'Cacher les détails' link), '(1 exemplaire, 1 disponible(s), 0 demandes)', '1 - 1 de 1 Notices', and a table with columns: CODE-BARRES, TYPE, RÈGLES, DESCRIPTION, and STATUT. The table row shows '0NIM0032572', 'Livre', 'Prêt 28 jours', and 'Exemplaire en rayon'. The 'Notice détaillée' section provides the full title, authors, publication date (2014), language (Français), publisher (Paris : Doin John Libbey Eurotext, impr 2014, 2014, cop. 2014), ISBN (978-2-7040-1416-3), and subject terms: 'ISBN : br.', 'Lasers en dermatologie >', 'Peau -- Maladies -- Photothérapie >', and 'Diodes électroluminescentes >'. A 'HORAIRES ACCÈS' link is also visible on the right.

LIVRE
Photobiomodulation en dermatologie : comprendre et utiliser les LED
Noé, Christine (1959-...); Dahan, Serge ; Pusel, Bertrand ; Cartier, Hugues ; 2014
Disponible. Voir toutes les bibliothèques >

HAUT
SERVICES
OBTENIR
NOTICE DÉTAILLÉE
LIENS
ETAGÈRE
VIRTUELLE

Obtenir

EMPLACEMENTS: Réserver

Nîmes BU Médecine Salle 2-3e cycles WR650 NOE
Cacher les détails

(1 exemplaire, 1 disponible(s), 0 demandes)

1 - 1 de 1 Notices

CODE-BARRES	TYPE	RÈGLES	DESCRIPTION	STATUT
0NIM0032572	Livre	Prêt 28 jours		Exemplaire en rayon

Notice détaillée

Titre
Auteur(s)

Photobiomodulation en dermatologie : comprendre et utiliser les LED
Noé, Christine (1959-...) - Auteur >
Dahan, Serge - Collaborateur >
Pusel, Bertrand - Collaborateur >
Cartier, Hugues - Collaborateur >

Date de publication
Langue
Éditeur
Identifiant
Sujets

2014
Français
Paris : Doin John Libbey Eurotext, impr 2014, 2014, cop. 2014
ISBN : 978-2-7040-1416-3
ISBN : br.
Lasers en dermatologie >
Peau -- Maladies -- Photothérapie >
Diodes électroluminescentes >

HORAIRES ACCÈS

Deciphering a book's leaflet

LIVRE
Neurologie
Créange, Alain ; Defebvre, Luc (1963-...) ; Zuber, Mathieu ; Collège des enseignants de neurologie ; 2019
Disponible. Voir toutes les bibliothèques Voir d'autres bibliothèques >

HAUT
SERVICES
OBTENIR
NOTICE DÉTAILLÉE
LIENS
ETAGÈRE
VIRTUELLE

Obtenir

EMPLACEMENTS : Réserver

Nîmes BU Médecine > Salle 2-3e cycles > WL 100 COL
(16 exemplaires, 16 disponible(s), 0 demandes)

Montpellier BU UPM > Internat > WL 100 COL
(13 exemplaires, 11 disponible(s), 0 demandes)

Montpellier BU Sciences > Salle C > 612.8 CRE
(3 exemplaires, 3 disponible(s), 0 demandes)

Notice détaillée

Titre	Neurologie
Auteur(s)	Créange, Alain - Directeur de publication > Defebvre, Luc - Directeur de publication > Zuber, Mathieu - Directeur de publication > Collège des enseignants de neurologie - Auteur > Collège des enseignants de neurologie - Éditeur scientifique >
Date de publication	2019
Langue	Français
Édition	5e édition.
Éditeur	Issy-les-Moulineaux : Elsevier, Masson, DL 2019
Identifiant	ISBN : 978-2-294-76169-0 ISBN : br.
Sujets	Neurologie -- Question-réponse > Maladies du système nerveux -- Question-réponse > Internat et résidence > Épreuves Classantes Nationales informatisées > Système nerveux -- Maladies > Neurologie > Questions d'examens >

Some documents are available **in paper or electronic format**

LIVRE
Neurologie
Collège des enseignants de neurologie ; 2019
Accès en ligne >

HAUT
SERVICES
CONSULTER
NOTICE DÉTAILLÉE
LIENS
OBTENIR

Obtenir

Votre recherche n'a renvoyé aucune ressource physique de la bibliothèque
Aucun service disponible
Des problèmes ? Veuillez contacter notre personnel

Notice détaillée

Titre	Neurologie
Auteur(s)	Collège des enseignants de neurologie - Auteur >
Date de publication	2019
Langue	Français
Édition	5e édition.
Éditeur	Lieu de publication inconnu : Elsevier Elibrary, 2019
Identifiant	ISBN : 978-2-294-76267-3 ISBN : PDF
Sujets	Neurologie -- Questions d'examens > Épreuves Classantes Nationales informatisées > Système nerveux -- Maladies -- Questions d'examens > Internat et résidence > Maladies du système nerveux -- Question-réponse > Neurologie -- Question-réponse >
Format	Nécessite un logiciel capable de lire un fichier au format PDF.
Notes	Notice rédigée d'après la consultation, 2019-11-13 Titre provenant de l'écran titre Numérisation de la 5e édition de Issy-les-Moulineaux : Elsevier Masson, cop. 2019

Deciphering an article's leaflet

ARTICLE
Photobiomodulation and space closure
American journal of orthodontics and dentofacial orthopedics, 2022, Vol.161 (2), p.e93-e93
 RELU PAR DES PAIRS  OPEN ACCESS
 Disponible en ligne >

HAUT
SERVICES Disponible en ligne
DISPONIBLE EN ...
NOTICE DÉTAILLÉE
LIENS
OBTENIR
CITATIONS

Texte intégral disponible à : [ScienceDirect Freedom Collection \[Accès UM UPV\]](#)
Disponible depuis le : 2002.
Notes publiques:
[ScienceDirect Freedom Collection (COUPERIN)] (2002)-(...)

Obtenir

EMPLACEMENTS :

Année	Tout	▼	Volume	Tout	▼	Description	Tout	▼
Montpellier BU Odontologie Magasin Accès :OD 39								 HORAIRES ACCES
1 - 1 de 1 Notices								
CODE-BARRES	TYPE	RÈGLES	DESCRIPTION				STATUT	OPTIONS
B45319	Fascicule	Non empruntable	Vol. 121, n°1 (2002, janv.) - Vol. 127, n°3 (2005, mars) Note : Derniers numéros en libre-accs, le reste en magas				Exemplaire en rayon (0 demandes)	

Notice détaillée

Titre	Photobiomodulation and space closure
Auteur(s)	Priya, Parul > Mishra, Shalini > Madhok, Saksham > Nongthombam, Haripriya >

Always remember to be identified!

Access to the *full text of the articles* via the links provided in the leaflet

Querying an online resource

Accessing databases

- Bases de données par thème
- Archéologie
- Arts du spectacle
- Chimie
- Design
- Droit
- Economie, gestion
- Géographie
- Histoire
- Histoire de l'art
- Information communication
- Informatique
- Langues vivantes
- Lettres classiques
- Lettres modernes
- Linguistique
- Mathématiques
- Médecine**
- Odontologie
- Paramédical
- PASS-LAS et PACES
- Pharmacie
- Philosophie
- Physique
- Pluridisciplinaire
- Presse
- Psychologie
- Science politique
- Sciences de la Terre

PAGE 1 1-25 de 38 Résultats sur 38 bases de données trouvées pour **Médecine**

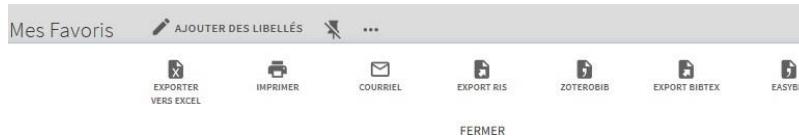
1	Academic search premier EBSCO Publishing (Firm) 19XX- Base de données multidisciplinaire proposant un large choix de ressources : plus de plus de 8 400 revues (références bibliographiques, sommaires, résumés d'articles). En anglais. La plupart des ressources présentes sur Academic search ont été validées par les éditeurs. Disponible en ligne	✉️	🔗	↗️	...
2	Arte campus Plateforme numérique d'environ 2 000 vidéos d'ARTE (documentaires, pièces de théâtre, sciences et techniques, langues et cultures, économie, gestion, sciences politiques, etc.) proposant des outils pour personnaliser les vidéos et créer des supports. Cette ressource est disponible en français, en allemand et en anglais. L'interface est disponible en français et en allemand. Disponible en ligne	✉️	🔗	↗️	...
3	Bibliothèque Médicale Française (BMF) Disponible en ligne	✉️	🔗	↗️	...
4	BioMed Central SpringerNature ; BioMed Central Ltd 2000-2001 Disponible en ligne	✉️	🔗	↗️	...
5	BNDS, Bibliothèque numérique de droit de la santé et d'éthique médicale Les études hospitalières France 2002- Disponible en ligne	✉️	🔗	↗️	...

A-Z databases: search alphabetically or by subject by clicking on the "Médecine**" heading, for example, where you will find a selection of databases**



Catalog Options & Services

- ✓ **Managing references** : print a reference, send it by e-mail, retrieve a permanent link, quote it



- ✓ **Create Favorites:** Save references with the pin icon and view them by clicking on the My Selection pin icon in the top menu bar



- ✓ **View search history:** Stores only the queries for the current session ; click on its title to search again

Sudoc: national catalogue of French libraries



Accueil | Recherche simple **Recherche avancée** | Résultats | Historique | Suivi PEB | Mon panier | Aide

rechercher (et) Tous les mots trier par pertinence



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Catalogue SUDOC



Le catalogue du Système Universitaire de Documentation est le catalogue collectif français réalisé par les bibliothèques et centres de documentation de l'enseignement supérieur et de la recherche. Il comprend plus de 13 millions de notices bibliographiques qui décrivent **tous les types de documents** (livres, thèses, revues, ressources électroniques, documents audiovisuels, microformes, cartes, partitions, manuscrits (hors Calames) et livres anciens...)

Le catalogue Sudoc décrit également les collections de revues et journaux d'environ 1500 établissements documentaires hors enseignement supérieur (bibliothèques municipales, centres de documentation...)

Enfin, il a pour mission de recenser l'**ensemble des thèses** produites en France.

Une recherche dans le catalogue Sudoc permet :

- d'obtenir la description bibliographique du document
- de constituer une bibliographie par le téléchargement ou l'export de notices
- de sauvegarder dans son panier, au fil de la recherche des enregistrements (jusqu'à 100) pour pouvoir les télécharger
- d'accéder au texte intégral du document si celui-ci est accessible en ligne
- de localiser un document dans une des bibliothèques du réseau Sudoc afin de pouvoir le consulter, en demander le prêt ou la reproduction.

The Sudoc catalogue allows you to find all the theses defended in France and the printed collections held by other BUs.

Sudoc: national catalogue of French libraries

Recherche par index et filtres | Recherche par sujet

Recherche par index et tri

Recherche

Veuillez saisir au moins un mot dans le formulaire de recherche ci-dessous en choisissant les paramètres souhaités

Mots sujet	photobiomodulation
et	Mots du titre
et	Tous les mots
et	Tous les mots

triez par

Filtrer par

langue

zone géographique

année de publication par exemple: 1948-1980 ou 1948- ou 1955

Type de publication [Tous](#) | [Aucun](#)

- Livres
- Ressources électroniques
- Sons (sauf musique)
- Images
- Autres

- Périodiques
- Articles
- Musique enregistrée
- Cartes

- Manuscrits (hors Calames)
- Partitions
- Matériel audio-visuel
- Thèses (version de soutenance)

[Mon panier / Export](#)

Affiner la recherche

Type de publication

Langue de publication

Pays de publication

France 39

- [Influence de la photo biomodulation par laser sur l'angiogénèse lors de la cicatrisation](#)
Breuers, Carolijn (1995-.... ; dentiste) / 2022
- [Prise en charge des mucites orales pédiatriques par photothérapie LED](#)
Ryckebusch, Erlann (1995-....) / Université Toulouse 3 / 2021
- [Prise en charge des mucites orales pédiatriques par photothérapie LED](#)
Ryckebusch, Erlann (1995-....) / 2021
- [Light neuron interaction : from photobiomodulation to optical heating](#)
Durdevic, Ljiljana (1991-....) / 2021
- [Applications de la Low Level Laser Therapy \(LLLT\) en orthopédie dento-faciale](#)
Adret, Justine (1994-....) / 2021
- [Place de la photobiomodulation dans la mucite orale ?](#)
Labrosse, Géraldine (1992-....) / 2021
- [Les effets attribuables à l'utilisation de la thérapie laser basse puissance dans la prise en charge des tendinopathies](#)
Bizot, Camille / 2020
- [Traitement du « Burning Mouth Syndrome » par photobiomodulation à domicile : protocole d'étude](#)
Allain, Clémence (1995-....) / 2020
- [Traitement du lichen scléreux vulvaire par photobiomodulation : étude préliminaire](#)
Molva, Mélissa (1994-....) / 2020
- [Intérêt de l'utilisation du laser en prophylaxie des mucites chimio-induites en hématopédiatrie](#)
Lucot, Anne-Charlotte (1993-....) / 2020

Deciphering a thesis bibliographic leaflet

Prêt Entre Bibliothèques

Prêt
Photocopie

Services

Mon panier / Export

Accès en ligne

Liens

notices liées

◀ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | ▶

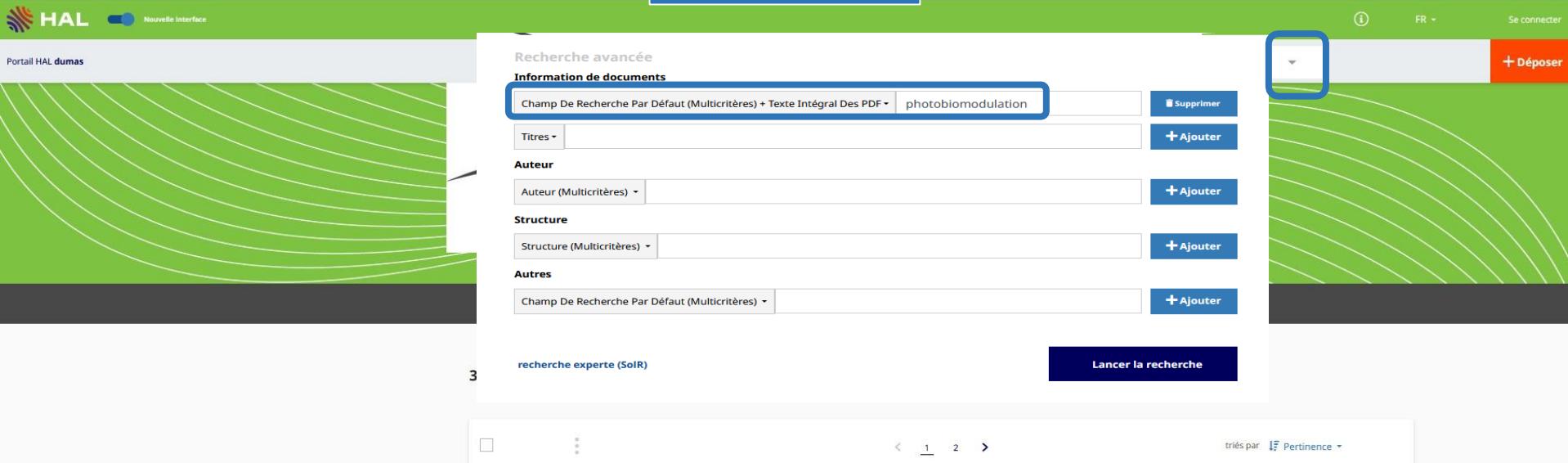
Identifier pérenne de la notice :	https://www.sudoc.fr/262721716
Type(s) de contenu (modes de consultation) :	Texte
Type de support matériel :	Volume
Titre :	Prise en charge des mucites orales pédiatriques par photothérapie LED / Erlann Ryckebusch ; directeur de thèse, Dr Emmanuelle Noirrit-Esclassan
Alphabet du titre :	Mémoire ou thèse (version d'origine)
Auteur(s) :	Ryckebusch, Erlann (1995-....). Auteur Noirrit-Esclassan, Emmanuelle (1972-....). Directeur de thèse Université Toulouse 3 Paul Sabatier (1969-....). Organisme de soutenance Université Paul Sabatier (Toulouse). Faculté de chirurgie dentaire. Organisme de soutenance
Date(s) :	2021
Langue(s) :	français
Pays :	France
Production :	2021
Description :	1 vol. (52 f.) : ill. en coul. ; 30 cm
Num. de thèse d'exercice :	2021TOU33030
Thèse :	Thèse d'exercice : Chirurgie dentaire : Toulouse 3 : 2021
Annexes :	Bibliogr. f. 48-51
Résumé(s) :	<p>La population pédiatrique est fortement exposée à l'apparition de mucites à la suite de chimiothérapie ou de radiothérapie. Cela reste un problème de santé que pour l'altération de la qualité de vie du patient. C'est pourquoi une prise en charge des mucites indolore, non invasive s'est développée. Le laser ou LED apparaît comme une thérapeutique novatrice et idéale pour traiter et prévenir les mucites des jeunes patients. De nombreuses études ont permis de limiter la sévérité de la mucite et de favoriser le processus de cicatrisation. Nous avons réalisé une étude pilote au CHU de Toulouse. A l'heure actuelle, des études de haut niveau de preuve sont nécessaires pour prouver que l'utilisation de la LED sur des populations pédiatriques peut être équivalente au laser. Cependant, il serait intéressant de répondre à cette question car il est dans l'intérêt du patient de développer un protocole standardisé et accessible à la science.</p> <p>The pediatric population is at high risk for mucositis following chemotherapy or radiotherapy. This remains a major public health problem, both in terms of alteration quality of life of the patient. This is why painless, non-invasive mucositis management has developed. Indeed, photobiomodulation and ideal therapy for treating and preventing mucositis in young patients. Numerous scientific studies have proven that photobiomodulation limits the severity of mucositis and promotes the process of wound healing. We carried out a pilot study at the Toulouse University Hospital using a prototype of LED phototherapy. At present, high level of evidence studies in this population has a preventive or curative effect equivalent to that of the laser. However, it would be interesting to answer this question because it is in the interest of the patient to develop a standard protocol according to data acquired from science.</p>

Please note : not all theses listed in the SUDOC are freely accessible online

HAL-Dumas

Full-access portal for dissertations and theses

[Advanced search](#)



Recherche avancée

Information de documents

Champ De Recherche Par Défaut (Multicritères) + Texte Intégral Des PDF • photobiomodulation

Supprimer + Ajouter

Titres • + Ajouter

Auteur

Auteur (Multicritères) • + Ajouter

Structure

Structure (Multicritères) • + Ajouter

Autres

Champ De Recherche Par Défaut (Multicritères) • + Ajouter

recherche experte (SoIR)

Lancer la recherche

Filtrer vos résultats

Type de dépôt

Document 33

Type de document

Mémoires 33

Domaine

Sciences du Vivant [q-bio] 33

Année

La photobiomodulation comme traitement des radiodermites chez les femmes atteintes d'un cancer du sein

Emmanuelle Batisse
Médecine humaine et pathologie. 2022.
Mémoires dumas-03836750v1

Application de la photobiomodulation en chirurgie orthognathique : mise en place d'un protocole

Xavier Payet
Médecine humaine et pathologie. 2019.
Mémoires dumas-02505853v1

Traitement du lichen scléreux vulvaire par photobiomodulation : étude préliminaire

Melissa Mohva
Médecine humaine et pathologie. 2020.
Mémoires dumas-03213168v1

DUMAS is a sub-portal of the HAL open archive, which is committed to open access

Full-text consultation of master's theses and dissertations in all disciplines

Please Note that not all theses and dissertations can be found here

I am looking for a PhD thesis:

- ✓ [Theses.fr](#) : theses defended or in preparation since 1985 (includes theses.fr, DART Europe, and NDLTD)
- ✓ [Dart Europe](#) : Online theses defended in European universities
- ✓ [NDLTD](#) : Access to the full text of electronic theses defended worldwide. International organisation for the promotion of electronic theses and dissertations. Their NDLTD Union catalog lists more than one million electronic theses and dissertations online, classified by NDLTD member institution collection
- ✓ [Sudoc and SCD catalogue](#)

I am looking for practice theses:

- ✓ **Via the DUMAS open archive:** DUMAS is part of an international movement in favour of open access. The main aim of the repositories is to increase the visibility and accessibility of students' work. It includes dissertations that are not necessarily in the Sudoc
- ✓ **Via the SCD catalogue:** Doctoral theses defended at the University of Montpellier. Consultation of the thesis depends on the scope chosen by the author (Internet, Embargo or confidentiality)
- ✓ **Via the SUDOC catalogue:** It lists all theses defended in France. It is useful to consult it when looking for a thesis defended in another French university. You can make an ILL request from our SCD catalogue by being authenticated and have the document brought to the BU.

I search... I find!

I'm looking for	I can use	The tool
A paper book, An e-book	Library Catalog	Catalogue SCD-UM, SUDOC Cyberlibris, ClinicalKey, Cairn
A journal article or conference paper	A database, a search engine A publisher's platform, An open archive	PubMed... Google Scholar, Science Direct Cairn
The title of a magazine	Library Catalog	Catalogue SCD-UM, SUDOC
A practice thesis	Library Catalogue, An Open Archive	Catalogue SCD-UM, SUDOC DUMAS (pas exhaustif)
A master's thesis	Library Catalog An Open Archive	Catalogue SCD- UM DUMAS
Clinical Trials	Databases	PubMed, Cochrane ClinicalTrials
Atlas of anatomy	Application	Visible Body



4.
**Applications in
Databases**

Academy Search Premier

Publications

Navigation : Academic Search Premier -- Publications

nursery

Ordre alphabétique **Par sujet et description** **Tous les mots**

Page : Précédent Suivant ▶ A B C D E F G H I J K L M N O P Q R

Marquer les objets à rechercher [Ajouter](#)

[Nursing](#)
Données Bibliographiques: 01/01/1975 To Present
Texte Intégral: 01/01/1975 To 08/01/2007
 Texte Intégral En PDF; Texte Intégral HTML

[Nursing Children & Young People](#)
Données Bibliographiques: 02/01/2002 To Present

[Nursing Diagnosis](#)
Données Bibliographiques: 01/01/1999 To Present
Texte Intégral: 01/01/1999 To 04/01/2002
 Texte Intégral En PDF

[Nursing Economic\\$](#)
Données Bibliographiques: 01/01/1985 To Present
Texte Intégral: 07/01/1983 To Present
 Texte Intégral En PDF; Texte Intégral HTML

[Nursing Education Perspectives \(National League For Nursing\)](#)
Données Bibliographiques: 11/01/2002 To Present
Texte Intégral: 11/01/2002 To 05/01/2016
 Texte Intégral En PDF

Affiner la recherche

Publications

◀ 1-20 sur 461 ▶

Marquer les objets à rechercher [Ajouter](#)

[Medical Technologies In Medicine](#)
Données Bibliographiques: 06/01/2016 To Present

[Clinical Medicine Insights: Circulatory, Respiratory, and Critical Care](#)
Données Bibliographiques: 01/01/2016 To Present

[Clinical Medicine: Circulatory, Respiratory, and Critical Care](#)
Données Bibliographiques: 01/01/2016 To Present

[Internal Medicine News](#)
Données Bibliographiques: 01/01/2016 To Present

[Emergency Medicine Australasia](#)
Données Bibliographiques: 03/01/2016 To Present

[Nonlinearity In Biology, Toxicology, and Medicine](#)
Données Bibliographiques: 01/01/2016 To Present

[PLoS Medicine](#)
Données Bibliographiques: 10/01/2004 To Present
Texte Intégral: 10/01/2004 To Present
 Texte Intégral En PDF; Texte Intégral HTML

[Indian Journal Of Critical Care](#)

Affiner la recherche

Publications

◀ 1-20 sur 516 ▶

Marquer les objets à rechercher [Ajouter](#)

[Scientific Journal Of National University Of Life & Environmental Sciences Of Ukraine. Series: Veterinary Medicine, Of Stock-raising](#)
Données Bibliographiques: 01/01/2016 To Present

[Veterinary Medicine & Science](#)
Données Bibliographiques: 01/01/2015 To Present

[Israel Journal Of Veterinary Medicine](#)
Données Bibliographiques: 09/01/2008 To Present

[Philippine Journal Of Veterinary Medicine](#)
Données Bibliographiques: 01/01/2016 To Present

[Journal Of Veterinary Medicine Series B](#)
Données Bibliographiques: 02/01/1998 To Present
Texte Intégral: 02/01/1998 To Present
 Texte Intégral En PDF

[Journal Of Veterinary Medicine Series A](#)
Données Bibliographiques: 02/01/1998 To Present
Texte Intégral: 02/01/1998 To Present
 Texte Intégral En PDF

Academic Search Premier is a database and indexing and abstracting service for scholarly journal articles. The database focuses on the following main subjects: health sciences, social sciences, arts and humanities, social sciences, philosophy, literature, etc.

In some cases, full articles can be downloaded in PDF format. Most articles are in English.

Academy Search Premier

Nouvelle recherche Publications **Termes de sujet** Références citées Images Plus ▾

Se connecter Dossier Préférences Langues ▾ Aide

UNIVERSITE DE MONTPELLIER

Recherche : Academic Search Premier | Choisir les bases de données

AND AND

Rechercher

Effacer ?

✓ Search in English

✓ Ability to choose the scope of the search (title, author, subject, full text, etc.)

✓ Multi-criteria search function

✓ Other options allow you to limit the results according to certain criteria

✓ Academic Search Premier has its own thesaurus (directory of keywords) combined with a bibliographic query builder (see next slide).

UNIVERSITE DE MONTPELLIER

Recherche simple Recherche avancée

Options de recherche

Modes de recherche et opérateurs d'expansion

Modes de recherche ?

Booléen/Phrase

Trouver tous mes termes de recherche

Trouver n'importe lequel de mes termes de recherche

Recherche SmartText Astuce

Ciblez vos résultats

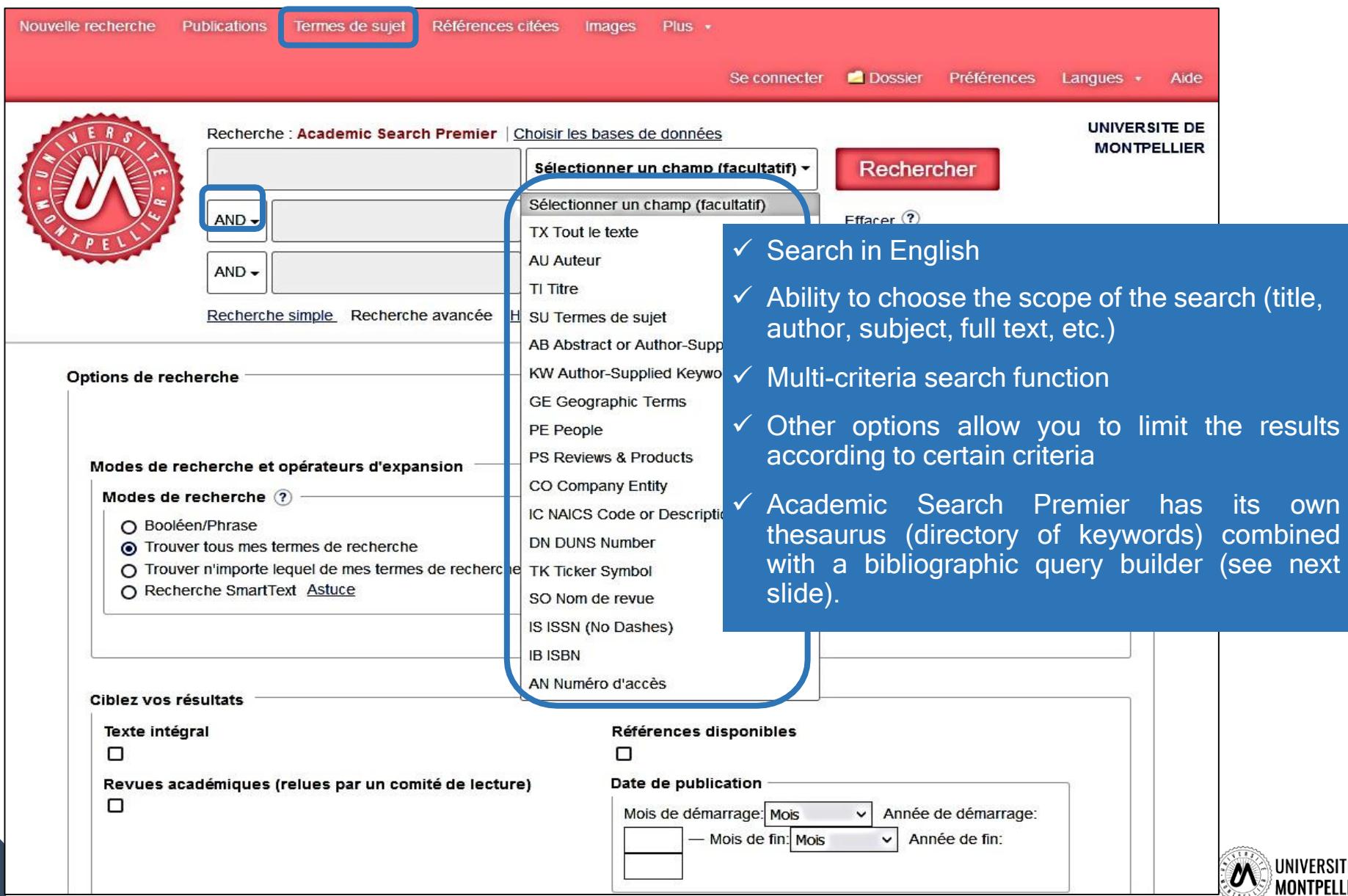
Texte intégral

Revues académiques (relues par un comité de lecture)

Références disponibles

Date de publication

Mois de démarrage: Mois Année de démarrage:
 — Mois de fin: Mois Année de fin:



Academy Search Premier



Recherche: Academic Search Premier | Choisir les bases de données

(DE "PHOTOBIMODULATION therapy") AND (DE "ALZHEIMER'S disease")

Recherche

[Recherche simple](#) [Recherche avancée](#) [Historique de recherche](#)

5

Sujets

[Sujets](#) [Lieux](#) [Personnes](#)

Navigation : Academic Search Premier -- Subject Terms

alzheimer disease

[Parcourir](#)

Terme commençant par Le terme contient Ordre de pertinence

1 et 4

Page : [Précédent](#) [Suivant](#)

Sélectionner un terme puis l'ajouter à la recherche en utilisant

AND **Ajouter**

3

(Cliquer sur le terme pour afficher les détails.)

ALZHEIMER disease Use [ALZHEIMER'S disease](#)

ALZHEIMER'S care units

ALZHEIMER'S dementia

2 [ALZHEIMER'S disease](#)

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3

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Résultats de recherche : 1 - 15 sur 15

1. Photobiomodulation for Hypertension and Alzheimer's Disease.



By: Valverde, Audrey; Mitrofanis, John. *Journal of Alzheimer's Disease*. 2022, Vol. 90 Issue 3, p104.

Sujets: ALZHEIMER'S disease; PHOTOBIMODULATION therapy; NEURODEGENERATION; HYPE

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4 Cases
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4 Traitement du lichen scléreux vulvaire par photobiomodulation : étude préliminaire
Annales de Dermatologie et de Vénéréologie - FMC, November 2022, ...
M. Molva, B. Bergeret, ... P. E. Stoeber
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Cancer Medicine | Volume 9, Issue 22
First published: 26 October 2020

Abstract ▼

Full Article [Full Access](#)
Exploring the effects of low-level laser therapy on fibroblasts and tumor cells following gamma radiation exposure
Camila Ramos Silva, Fernanda Viana Cabral, Claudinei Francisco Morais de Camargo, Silvia Cristina Núñez, Tania Mateus Yoshimura, Arthur Cássio de Lima Luna, Durvanei Augusto Maria, Martha Simões Ribeiro
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Abstract ▼

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Low-Level Light Therapy AND pain

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Page 1 of 156

- 1 **Low-level laser (light) therapy** (LLLT) in skin: stimulating, H Avci P, Gupta A, Sadasivam M, Vecchio D, Pam Z, Pam N, Hamblin MR. *Semin Cutan Med Surg.* 2013 Mar;32(1):41-52. PMID: 24049929 [Free PMC article.](#) Review. **Low-level laser (light) therapy** (LLLT) is a fast-growing technology used in conditions that require stimulation of healing, relief of pain and inflammation. Although skin is naturally exposed to ...

- 2 Effects of **low-level laser therapy** on **pain** in patients with disorders: a systematic review and meta-analysis. Clijnen R, Brunner A, Barbero M, Clarys P, Taeymans J. *Eur J Phys Rehabil Med.* 2017 Aug;53(4):603-610. doi: 10.23736/S1973-9087.17.04432-X. Epub 2017 Jan 30. PMID: 28145397 [Free article.](#) Review.

INTRODUCTION: This meta-analysis investigated the effectiveness of **low-level laser therapy** (LLLT) on **pain** in adult patients with musculoskeletal disorders. ...EVIDENCE SYNTHESIS: Eighteen studies allowing for 21 head-to-head comparisons (totaling N=14 ...

- 3 Photobiomodulation (**low-level light therapy**) and dry eye disease. Markoulli M, Chandramohan N, Papas EB. *Clin Exp Optom.* 2021 Jul;104(5):561-566. doi: 10.1080/08164622.2021.1878866. Epub 2021 Feb 27.

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(low level light therapy[Title/Abstract]) AND (pain[Title/Abstract])

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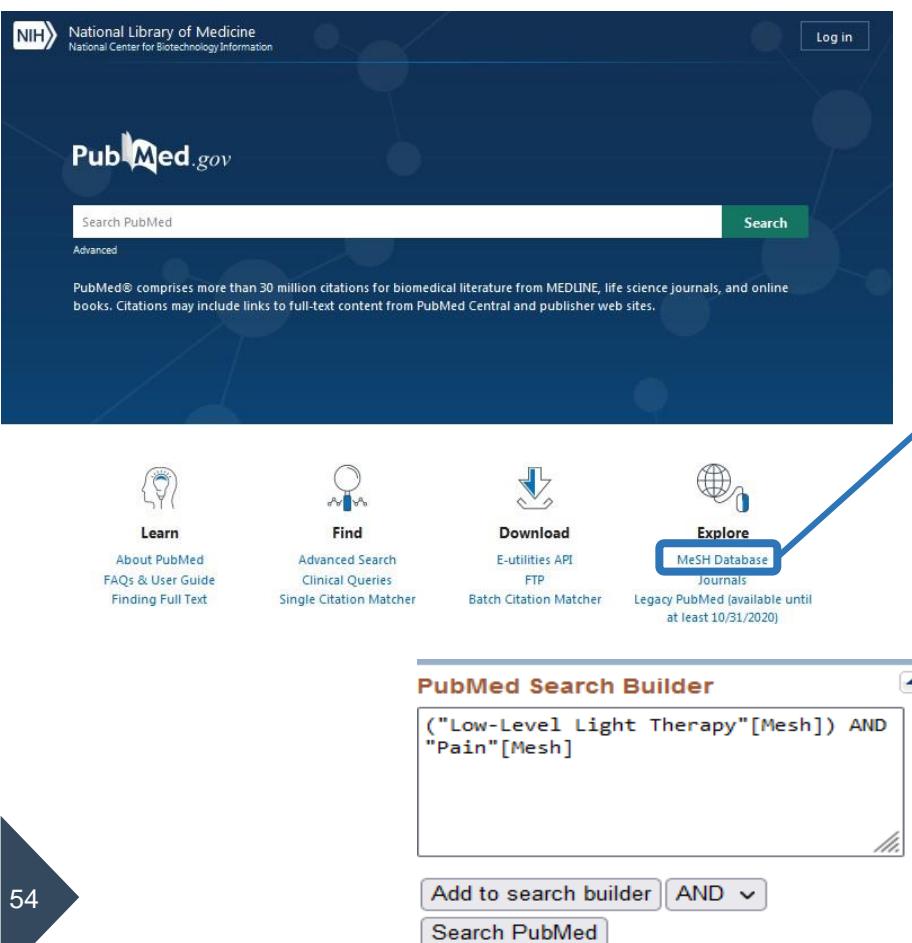
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#6	...	>	Search: "Low-Level Light Therapy/methods"[Mesh] Sort by: Most Recent	2,796	04:31:36
#5	...	>	Search: "Low-Level Light Therapy/psychology"[Mesh] Sort by: Most Recent	5	04:30:56
#4	...	>	Search: "Low-Level Light Therapy[MeSH Terms]" Sort by: Most Recent	7,015	04:30:01
#3	...	>	Search: "Low-Level Light Therapy AND (pain)" Sort by: Most Recent	1,555	04:29:34
#2	...	>	Search: "Low-Level Light Therapy[Title/Abstract] AND (pain[Title/Abstract])" Sort by: Most Recent	87	04:29:03
#1	...	>	Search: (Low-Level Light Therapy[MeSH Terms]) AND (pain[MeSH Terms]) Sort by: Most Recent	617	04:28:33

Using filters to limit your search

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1 The effects of low power laser light at 661 nm on wound healing in a scratch assay fibroblast model.
Giannakopoulos E, Katopodi A, Rallis M, Politopoulos K, Alexandratou E. Lasers Med Sci. 2022 Dec 27;38(1):27. doi: 10.1007/s10103-022-03670-5. PMID: 36574084 Free PMC article.

2 Can the use of photobiomodulation for localized fat reduction induce changes in lipid profile? A critical integrative review.
Sena MM, Marreira M, de Almeida GP, Teixeira M, D'Amico MM, Pavani C. Lasers Med Sci. 2022 Dec 24;38(1):23. doi: 10.1007/s10103-022-03662-5. PMID: 36564660 Review.

3 Does Photobiomodulation Affects CK10 and CK14 in Oral Mucositis Radioinduced Repair?
Sardo AVN, Andrade MF, Figueiredo A, Rosin FCP, Corrêa L, Zerezell DM. Int J Mol Sci. 2022 Dec 9;23(24):15611. doi: 10.3390/jims232415611. PMID: 36555260 Free PMC article.

4 Considerations for the Use of Photobiomodulation in the Treatment of Retinal Diseases.
Zhang CX, Lou Y, Chi J, Bao XL, Fan B, Li GY. Biomolecules. 2022 Dec 3;12(12):1811. doi: 10.3390/biom12121811. PMID: 36551239 Free PMC article. Review.

5 Angiogenic and anti-inflammatory effects of photobiomodulation on bone regeneration in rat: A histopathological, immunohistochemical, and molecular analysis.
Fekrazad S, Sohrabi M, Fekrazad R. J Photochem Photobiol B. 2023 Jan;238:112599. doi: 10.1016/j.jphotobiol.2022.112599. Epub 2022 Nov 16. PMID: 36493717

6 Photobiomodulation and nitric oxide signaling.
Kashiwagi S, Morita A, Yokomizo S, Ogawa E, Komai E, Huang PL, Bragin DE, Atochin DN. Nitric Oxide. 2023 Jan 1;130:58-68. doi: 10.1016/j.niox.2022.11.005. Epub 2022 Nov 30. PMID: 36462596 Free PMC article. Review.

7 Application of photobiomodulation for chronic pain-related TMD on pain points versus pre-established points: Randomized clinical trial.
Furquim LR, Mello AM, Barbosa AFS, Olivato OP, Silva-Sousa YTC, Leite-Panissi CRA, Magri IV. J Photochem Photobiol B. 2023 Jan;238:112612. doi: 10.1016/j.jphotobiol.2022.112612. Epub 2022 Nov 26. PMID: 36462597

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2 CAN COMBINING LOW LEVEL LASER THERAPY AND FLAPLESS PIEZOSURGICAL OSTEOTOMY ACROSS SURGERY? FINDINGS OF SPLIT MOUTH RANDOMIZED CONTROLLED TRIAL.
Cite Adly MS, Adly AS, Rasheed AM, Adly AS.
J Evid Based Dent Pract. 2023 Sep;22(3):101730. doi: 10.1016/j.jebdp.2023.101730.
PMID: 36162887 Clinical Trial.

3 Effects of LED photobiomodulation therapy on obese individuals - histological and immunological changes.
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PMID: 36074934

4 Clinical application of low-level laser therapy in the management of breast cancer-related lymphedema.
Cite Mahmood D, Ahmad A, Sharif F, Arslan SA.
BMC Cancer. 2022 Aug 30;22(1):937. doi: 10.1186/s12885-022-13288-5.
PMID: 36042421 Free PMC article.

5 Comparative analysis of Laser and LED photobiomodulation therapy on the effect of elastomeric separators in orthodontics patients.
Cite Bezerra MCSM, Habib AL, Soares LGP, Vitale MC, Pinheiro J, et al.
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PMID: 35749250 Clinical Trial.

6 Effect of delayed photobiomodulation therapy on the functional outcome of patients with mandibular nerve neurotmesis and fracture: A randomized triple-blinded clinical trial.
Cite Salari B, Nikpour N, Babaei A, Fekrazad R.
J Photochem Photobiol B. 2022 Jul;232:112460. doi: 10.1016/j.jphotobiol.2022.112460.
PMID: 35551053 Clinical Trial.

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Effects of LED photobiomodulation therapy on the subcutaneous fatty tissue of obese individuals - histological and immunohistochemical analysis

Débora Aparecida Oliveira Modena ¹, Ciro Dantas Soares ²,
Cintia Cristina Santi Martignago ¹, Stephani Almeida ¹, Everton Cazzo ¹,
Elinton Adami Chaim ¹

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PMID: 36074934 DOI: 10.1080/14764172.2022.2109677

Abstract

Photobiomodulation therapy (PBMT) has become an adjuvant therapeutic possibility in body remodeling procedures. Given this scenario, this study was proposed with the aim of evaluating the effects of PBMT to Light Emitting Diode (LED) associating the red (630 nm) and infrared (850 nm) wavelengths in the subcutaneous fatty tissue. This controlled study of comparative intervention that evaluated a sample of subcutaneous fatty tissue from women with grade II obesity. The participants received the LED PBMT treatment with associated red and infrared wavelengths sequentially on the left side of the abdomen and the right side was considered as control, with the collection of biological material performed at the time of bariatric surgery. For histological and immunohistochemical evaluation, Caspase 3, Cleaved Caspase 3, CD68+, HSL and adipophilin markers were used. The participants showed positivity in the expression of Caspase 3 and Cleaved Caspase (p < .0001), CD68+ macrophages (p < .0001), HSL (p < .0001) and adipophilin (p < .0013) in the intervention sample when compared to the control. PBMT and LED associating red and infrared wavelengths were able to promote autophagic lipolysis induced by adipocyte cell apoptosis in the subcutaneous tissue of obese individuals.

Keywords: LED; Photobiomodulation; apoptosis; lipolysis; noninvasive; obesity.

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F Salehpour, J Mahmoudi, F Kamari... - Molecular ..., 2018 - Springer

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Mechanistic aspects of photobiomodulation therapy in the nervous system

F Ramezani, A Neshasteh-Riz, A Ghadaksaz... - Lasers in Medical ..., 2022 - Springer

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... using the search terms "photobiomodulation therapy" and "low-level laser therapy," and these ... This search yielded 218 articles on photobiomodulation therapy or low-level laser therapy ...

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Low-level light/laser therapy versus photobiomodulation therapy

JJ Anders, RJ LanzaFame, PR Arany - Photomedicine and laser ..., 2015 - liebertpub.com

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PMCID: PMC6041198

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Brain Photobiomodulation Therapy: A Narrative Review

Farzad Salehpour^{a,b}, Javad Mahmoudi^a, Farzin Kamari^a, Saeed Sadigh-Eteghad^a, Seyed Hossein Rasta^{b,c,d} and Michael R Hamblin^{e,f,g}

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Abstract

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Brain photobiomodulation (PBM) therapy using red to near-infrared (NIR) light is an innovative treatment for a wide range of neurological and psychological conditions. Red/NIR light is able to stimulate complex IV of the mitochondrial respiratory chain (cytochrome c oxidase) and increase ATP synthesis. Moreover, light absorption by ion channels results in release of Ca^{2+} and leads to activation of transcription factors and gene expression. Brain PBM therapy enhances the metabolic



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 - Topics « Qui sommes-nous ? », « About us », etc.
 - Identify The author(s):**
 - Biographical information, background, CV, contact, etc.
 - Evaluate up-to-date content:**
 - Date created or date last updated
 - Active Links
 - Evaluate the relevance of the content:**
 - Level of information (general public, academical, etc.)
 - Presence/absence of advertising content
- **There is no automatic control over what is published on the Internet, so you have to be critical and check the information against other sources!**



6.

Human and Social Sciences

data research useful in medicine

17 383 OUVRAGES

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ARTS	GÉOGRAPHIE	INTÉRÊT GÉNÉRAL	PSYCHOLOGIE	SCIENCES POLITIQUES
DROIT	HISTOIRE	LETTRES ET LINGUISTIQUE	SANTÉ PUBLIQUE	SOCIOLOGIE ET SOCIÉTÉ
ÉCONOMIE, GESTION	INFO, COMMUNICATION	PHILOSOPHIE	SCIENCES DE L'ÉDUCATION	SPORT ET SOCIÉTÉ

OUVRAGES RÉCEMMENT AJOUTÉS

<p>INTERCOMPRÉHENSION ET ANALOGIE Éric Castagne, Philippe Monneret</p>	<p>LE DROIT HOSPITALIER Catherine Keller, Marie-Laure Moquet-Anger, Pierre Villeneuve 2^e édition</p>	<p>fiches de Droit de la propriété intellectuelle Carine Bernault, Jean-Pierre Clavier</p>
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- ✓ Prioritise keyword searches in advanced mode
- ✓ Browse magazines by subject or type of document
- ✓ Document types: scientific articles, ebooks, magazines
- ✓ Fields: humanities and social sciences (including linguistics, public health, palliative care, psychology, sociology, etc.).

The screenshot shows the Cairn search interface. At the top, there is a search bar with the placeholder "Vos mots-clés" and a magnifying glass icon. To the right of the search bar are "CONNEXION" and a gear icon. Below the search bar is a navigation bar with tabs: REVUES, OUVRAGES, QUE SAIS-JE ? / REPÈRES (highlighted in green), and MAGAZINES. To the right of the navigation bar is a "MON CAIRN.INFO" button with a user icon. The main content area is titled "RECHERCHE AVANCÉE". It contains two search queries. The first query is "Dans Texte intégral photobiomodulation" with an "Et" operator and a checkbox for "Expression exacte". The second query is "Dans Texte intégral douleur" with an "Et" operator and a checkbox for "Expression exacte". The search results are combined with the operator "ET". The search bar at the bottom contains the text "photobiomodulation ET douleur".

Type d'accès

- Tout Texte intégral accessible via votre institution

The database queries in natural language (think of synonyms if the results proposed are not relevant).

Use Filters

Access to the full text

The screenshot shows the search results page. At the top, there is a navigation bar with tabs: REVUES, OUVRAGES, QUE SAIS-JE ? / REPÈRES (highlighted in green), and MAGAZINES. To the right of the navigation bar is a "MON CAIRN.INFO" button with a user icon. The main content area is titled "RÉSULTATS DE RECHERCHE". On the left, there is a sidebar titled "CHERCHER DANS" with two radio button options: "TOUT CAIRN.INFO" (selected) and "TEXTE INTÉGRAL ACCESSIBLE". Below this are sections for "FILTRER PAR": "TYPES DE PUBLICATIONS" (REVUES selected), "DISCIPLINES" (SANTÉ PUBLIQUE selected), "REVUES" (HEGEL selected), and "ANNÉE DE PARUTION" (5 DERNIÈRES ANNÉES selected). The main results area shows two items: 1. "Thérapies complémentaires et alternatives : quelle place dans les maladies inflammatoires chroniques intestinales ?" by Charlotte Andriananjafy, Laurent Peyrin-Biroulet, published in HEGEL 2018/3 (N° 3). 2. "Utilisation des dispositifs nanotechnologiques dans les pathologies dégénératives cérébrales. Étude prospective sur 28 patients atteints de sclérose en plaques" by Alberto Lomeo, Giuseppe Cacciaguerra, Domenico Garsia, published in HEGEL 2019/2 (N° 2). Each result has a thumbnail, the title, the author, the journal, and a short abstract. Below each abstract are three buttons: "RÉSUMÉ", "CONSULTER", and "TÉLÉCHARGER".

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Demander un prêt entre bibliothèques
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Demander un quitus
Services à destination des publics en situation de handicap
Réserver mon espace de travail

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Rendez-vous avec un(e) bibliothécaire
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Ressources documentaires pour la pédagogie
Rendez-vous avec un(e) bibliothécaire
Suggérer un achat