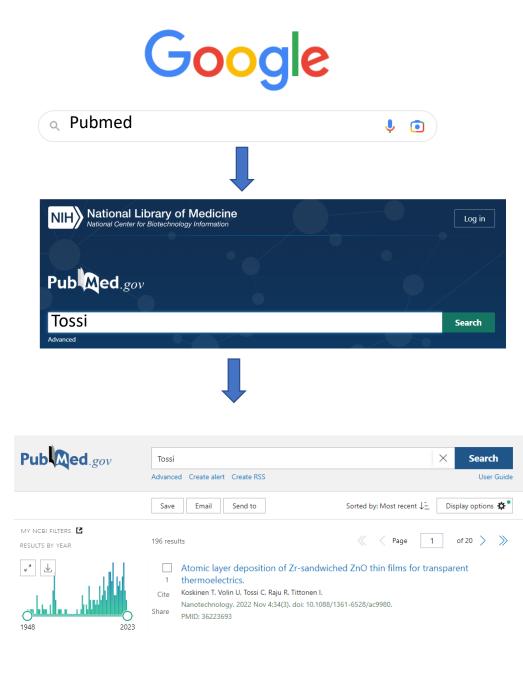
UTILIZZO DELLA BANCA DATI PUBMED

Prof. Alessandro Tossi

atossi@units.it



Pub Med.gov	Tossi				
	Advanced	Create alert Create RS			
	Save	Email Send to			
MY NCBI FILTERS	119 res	sults			
² <u>1948</u> 2023	1 Cite Share	Anisaxins, helical a bacteria by lipid e Rončević T, Gerdol M, I Aviani I, Hrabar J, Trum Acta Biomater. 2022 Ju PMID: 35470073			
TEXT AVAILABILITY Abstract Free full text Full text ARTICLE ATTRIBUTE Associated data	2 Cite Share	Silver Nanoparticl Possible Pitfalls of Zharkova MS, Golubev Front Microbiol. 2021 [PMID: 34975782 Fr			
ARTICLE TYPE Books and Documents Clinical Trial Meta-Analysis Randomized Controlled Trial	3 Cite Share	Natural and Synth Features in Antim Mardirossian M, Rubini Molecules. 2021 Dec 6; PMID: 34885985 Fr			
Review Systematic Review UBLICATION DATE 1 year 5 years 10 years 10 years	4 Cite Share	Caprine Bactenect Antitumor Drugs. Kopeikin PM, Zharkova Orlov DS, Milman BL, B Front Cell Infect Microl PMID: 33194795			
Custom Range	5 Cite	Characterization of Activity against ES Sola R. Mardirossian M			

Reset all filters

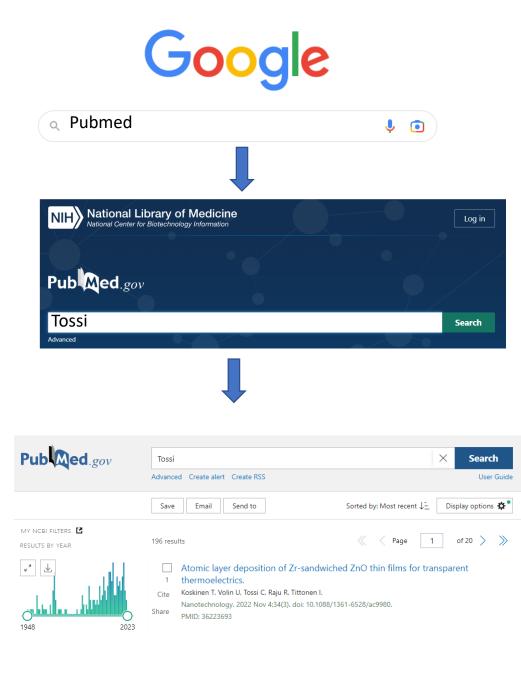
Display options 🛱 Sorted by: Most recent \downarrow -Send to >>> of 12 Page 1 , helical antimicrobial peptides from marine parasites, kill resistant by lipid extraction and membrane disruption. Gerdol M, Mardirossian M, Maleš M, Cvjetan S, Benincasa M, Maravić A, Gajski G, Krce L, oar J, Trumbić Ž, Derks M, Pallavicini A, Weingarth M, Zoranić L, **Tossi A**, Mladineo I. er. 2022 Jul 1;146:131-144. doi: 10.1016/j.actbio.2022.04.025. Epub 2022 Apr 22. 073 noparticles Functionalized With Antimicrobial Polypeptides: Benefits and Pitfalls of a Novel Anti-infective Tool. 5, Golubeva OY, Orlov DS, Vladimirova EV, Dmitriev AV, Tossi A, Shamova OV. piol. 2021 Dec 17:12:750556. doi: 10.3389/fmicb.2021.750556. eCollection 2021. 782 Free PMC article. nd Synthetic Halogenated Amino Acids-Structural and Bioactive n Antimicrobial Peptides and Peptidomimetics. M, Rubini M, Adamo MFA, Scocchi M, Saviano M, Tossi A, Gennaro R, Caporale A. 021 Dec 6;26(23):7401. doi: 10.3390/molecules26237401. 985 Free PMC article. Review. actenecins as Promising Tools for Developing New Antimicrobial and

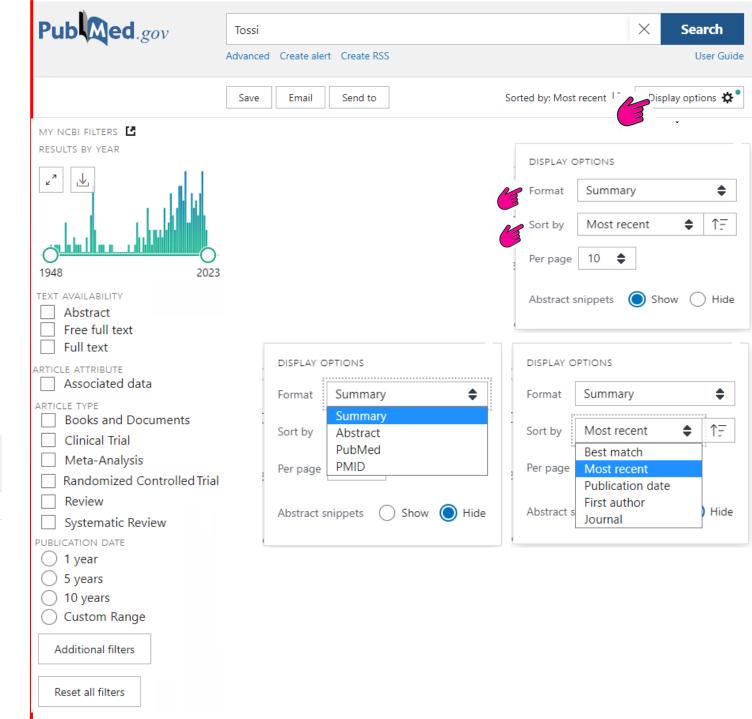
Х

Search

User Guide

- Drugs.
- Zharkova MS, Kolobov AA, Smirnova MP, Sukhareva MS, Umnyakova ES, Kokryakov VN, Iman BL. Balandin SV. Panteleev PV. Ovchinnikova TV. Komlev AS, **Tossi A**. Shamova OV.
- fect Microbiol. 2020 Oct 19:10:552905. doi: 10.3389/fcimb.2020.552905. eCollection 2020. 795 Free PMC article.
- ization of Cetacean Proline-Rich Antimicrobial Peptides Displaying
- gainst ESKAPE Pathogens.
- lirossian M, Beckert B, Sanghez De Luna L, Prickett D, Tossi A, Wilson DN, Scocchi M. Int J Mol Sci. 2020 Oct 6;21(19):7367. doi: 10.3390/ijms21197367.
- Share PMID: 33036159 Free PMC article.





SEARCHING PubMed:

- Searching by author: Surname + Fist initial e.g.
- this can be qualified by the field tag [au] e.g. Bird D [au] Ross
- Searching by journal: Full name, abbrev. Name or ISSN

e.g. molecular biology of the cell mol biol cell

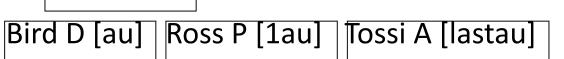
- Searching for a phrase: use " " " "kidney allograph"
- Search using wild characters: e.g. breast feed, breast feeding \rightarrow "breast feed*"
- Boolean operators: AND , OR, NOT (always in UPPERCASE)

Tossi AND Scocchi \rightarrow both Tossi and Scocchi are present as authors

Tossi OR Scocchi \rightarrow either Tossi or Scocchi are present as authors

knee NOT elbow \rightarrow if a work refers to "knee" and also to "elbow" it is excluded

NESTING operators: ((knee OR elbow) AND injury) AND (football OR soccer))



1059-1524

Tossi A

Pub Med.gov	TossiXSearchAdvanced Create alert Create RSSUser Guide					
	Save	Email Send to	Sorted by: Most re	ecent ↓ <u>–</u> Displ	ay options 🔅	
MY NCBI FILTERS 🖆 🌀 RESULTS BY YEAR	119 res	ults	« < р	Page 1	of 12 〉 ≫	
2023	1 Cite Share	bacteria by lipid ex Rončević T, Gerdol M, M Aviani I, Hrabar J, Trumb	ntimicrobial peptides from marine p traction and membrane disruption. ardirossian M, Maleš M, Cvjetan S, Benincasa ić Ž, Derks M, Pallavicini A, Weingarth M, Zora 1;146:131-144. doi: 10.1016/j.actbio.2022.04.0	M, Maravić A, Gajski anić L, Tossi A , Mladi	i G, Krce L, ineo I.	
TEXT AVAILABILITY Abstract Free full text Full text ARTICLE ATTRIBUTE Associated data	2 Cite Share	Possible Pitfalls of Zharkova MS, Golubeva Front Microbiol. 2021 D	s Functionalized With Antimicrobial a Novel Anti-infective Tool. OY, Orlov DS, Vladimirova EV, Dmitriev AV, To ec 17;12:750556. doi: 10.3389/fmicb.2021.750 e PMC article.	ossi A , Shamova OV.		
ARTICLE TYPE Books and Documents Clinical Trial Meta-Analysis Randomized Controlled Trial	3 Cite Share	Features in Antimie Mardirossian M, Rubini Molecules. 2021 Dec 6;2	tic Halogenated Amino Acids-Struct crobial Peptides and Peptidomimetic M, Adamo MFA, Scocchi M, Saviano M, Tossi A 6(23):7401. doi: 10.3390/molecules26237401. e PMC article. Review.	<mark>CS.</mark> A , Gennaro R, Capora		
Review Systematic Review PUBLICATION DATE 1 year 5 years 10 years	4 Cite Share	Antitumor Drugs. Kopeikin PM, Zharkova Orlov DS, Milman BL, Ba Front Cell Infect Microb	us as Promising Tools for Developing MS, Kolobov AA, Smirnova MP, Sukhareva MS landin SV, Panteleev PV, Ovchinnikova TV, Kor ol. 2020 Oct 19;10:552905. doi: 10.3389/fcimb e PMC article.	, Umnyakova ES, Kok mlev AS, Tossi A , Sha	kryakov VN, amova OV.	
Custom Range Additional filters	5 Cite	Activity against ES Sola R, Mardirossian M,	Cetacean Proline-Rich Antimicrobi KAPE Pathogens. Beckert B, Sanghez De Luna L, Prickett D, Tos 21(19):7367. doi: 10.3390/ijms21197367.			
Reset all filters	Share		e PMC article.			

FILTRES

DATE: **1 2**

PUBLICATION TYPE: 6

AVAILABILITY: 4

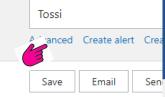
ADDITIONAL FILTRES: 6

PERSONAL FILTRES: **6**

Pub Med.gov	Tossi X Search	
	Advanced Create alert Create RSS User Guide	FILTRES
	Save Email Send to Sorted by: Most recent 1 Display options 🌣	
MY NCBI FILTERS L 6 RESULTS BY YEAR	 119 results	ARTICLE TYPE Address Introductory Journal Article SPECIES Autobiography Lecture LANGUAGE Bibliography Legal Case SEX Biography Legislation AGE Case Reports Letter OTHER Classical Article Multicenter Study
TEXT AVAILABILITY Abstract Free full text Full text ARTICLE ATTRIBUTE Associated data	 Silver Nanoparticles Functionalized With Antimicrobial Polypeptides: Benefits and Possible Pitfalls of a Novel Anti-infective Tool. Cite Zharkova MS, Golubeva OY, Orlov DS, Vladimirova EV, Dmitriev AV, Tossi A, Shamova OV. Front Microbiol. 2021 Dec 17;12:750556. doi: 10.3389/fmicb.2021.750556. eCollection 2021. Share PMID: 34975782 Free PMC article. 	SPECIES Humans Other Animals LANGUAGE Afrikaans Bosnian Chinese English Icelandic
ARTICLE TYPE Books and Documents Clinical Trial Meta-Analysis Randomized Controlled Trial	 Natural and Synthetic Halogenated Amino Acids-Structural and Bioactive Features in Antimicrobial Peptides and Peptidomimetics. Mardirossian M, Rubini M, Adamo MFA, Scocchi M, Saviano M, Tossi A, Gennaro R, Caporale A. Molecules. 2021 Dec 6;26(23):7401. doi: 10.3390/molecules26237401. Share PMC article. Review. 	Albanian Bulgarian Croatian German Indonesian Arabic Catalan Dutch Hungarian Italian SEX Female Male
Review Systematic Review UBLICATION DATE 1 year 5 years 10 years Custom Range	 Caprine Bactenecins as Promising Tools for Developing New Antimicrobial and Antitumor Drugs. Kopeikin PM, Zharkova MS, Kolobov AA, Smirnova MP, Sukhareva MS, Umnyakova ES, Kokryakov VN, Orlov DS, Milman BL, Balandin SV, Panteleev PV, Ovchinnikova TV, Komlev AS, Tossi A, Shamova OV. Front Cell Infect Microbiol. 2020 Oct 19;10:552905. doi: 10.3389/fcimb.2020.552905. eCollection 2020. PMID: 33194795 Free PMC article. Characterization of Cetacean Proline-Rich Antimicrobial Peptides Displaying 	AGEChild: birth-18 yearsAdult: 19+ yearsNewborn: birth-1 monthYoung Adult: 19-24 yearsInfant: birth-23 monthsAdult: 19-44 yearsInfant: 1-23 monthsMiddle Aged + Aged: 45+ yearsPreschool Child: 2-5 yearsMiddle Aged: 45-64 yearsChild: 6-12 yearsAged: 65+ yearsAdolescent: 13-18 years80 and over: 80+ years
Additional filters Reset all filters	 Activity against LSKAPL Pathogens. Cite Sola R, Mardirossian M, Beckert B, Sanghez De Luna L, Prickett D, Tossi A, Wilson DN, Scocchi M. Int J Mol Sci. 2020 Oct 6;21(19):7367. doi: 10.3390/ijms21197367. Share PMID: 33036159 Free PMC article. 	OTHER Exclude preprints MEDLINE

Pub Med.gov	Tossi			× Search			
	Advanced Create	e alert Create RSS		User Guide			
	Save Ema	il Send to	Sorted by: Most rece	nt ↓ <u>-</u> Display options 🌞			
		NIH Natio National	nal Library of Me Center for Biotechnology Inf	edicine formation			atossi@units.it
1948 2023			Yo	ou are managing filters for: PubMe	ed Choose another dat	tabase: PubMed(3 active)	
TEXT AVAILABILITY Abstract Free full text		Your PubMed fi	lter list	ate custom filter	Add Custom Filter i	n PubMed(3 active) ms to be used as a filter in PubMed:	×
Full text ARTICLE ATTRIBUTE Associated data		Active C English Published in th	Name ne last 5 years	Type Standard filter Standard filter	Query terms:	Cathelicidin	
ARTICLE TYPE Books and Documents Clinical Trial		Review		Standard filter			
Meta-Analysis Randomized Controlled Trial Review	I						
Systematic Review						Test This Query 3577 results found.	liable free
 1 year 5 years 10 years 					Save filter as:	Cathelicidin	nay require
Custom Range					Cano	Save Filter	
Reset all filters							





Pub Med.gov

User Guide

MY NCBI FILTERS



10 yearsCustom Range

Additional filters

Reset all filters

PubMed Advanced Search Builder

Add terms to the query box

Fields	Enter a search term	ADD ~
Affiliation		Show Inde
All Fields		
Author		
Author - Corporate		
Author - First	re	Search 🗸
Author - Identifier		
Author - Last		
Book		//
Conflict of Interest Statements		
Date - Completion		
Date - Create		
Date - Entry		
Date - MeSH		,↓, Download 🕅 Delete
Date - Modification		
Date - Publication	Jery	Results Time
EC/RN Number		
Editor	arch: tossi a Sort by: Most Recent	119 04:52:29
Filter		
Grant Number	arch: tossi Sort by: Most Recent	196 04:50:37
ISBN	r	

Showing 1 to 2 of 2 entries



National Library of Medicine National Center for Biotechnology Information



	MeSH MeSH	Limits Advanced			Search Help
PubMed Advanced Search Builder	MeSH MeSH (Medical Subject Headings) is the NLM controlled vocabulary thesaurus used for indexing			ed for indexing articles for PubMed.	
Add terms to the query box		THREE			
All Fields Enter a search term					
	Using MeSH	More Resour	ces		
Query box	Help Tutorials	E-Utilities NLM MeSH Hom			
Enter / edit your search query here You are here: NCBI > Literature > MeSH Database Support Center					
Uistory and Coardb Dataila	FOLLOW NCBI				
History and Search Details Search Actions Details Query	y	f	in	0	2
#2 ··· > Search: tossi a Sort by: Mo	Connect with NLM	National Library of Medici	ne Web Policies		Help
#1 ··· > Search: tossi Sort by: Most	t 🅑 🕤 💿	8600 Rockville Pike Bethesda, MD 20894	FOIA HHS Vulnerabi		Accessibility Careers
Showing 1 to 2 of 2 entries		NLW	I NIH HHS USA.gov		



MeSH

- MeSH: acronym for Medical Subject Headings.
- Controlled vocabulary thesaurus used by National Library of Medicine's for indexing and cataloging biomedical literature.
- Hierarchical arrangement of information: MeSH Tree Structures.
- Updated annually.

MeSH vocabulary - four types of terms

Term

- (descriptor) Heading
- Subheading

- (qualifier)
- Supplementary Concept Record (substance, medical condition, protocol)
- Publication Characteristics (types)

e.g. Kidney: All MeSH Categories Anatomy Category **Urogenital System** Urinary Tract Kidney abnormalities enzymology pathology growth and development anatomy and histology physiology blood supply immunology physiopathology chemistry injuries radiation effects _ cytology innervation surgery diagnostic imaging metabolism ultrastructure drug effects microbiology virology

parasitology

Example

Kidney, Body Weight, Self Medication, Radioactive waste, Brain edema adverse effects, diagnosis, metabolism, therapy cordycepin, valspodar, GFP, MOPP protocol, Brett syndrome

Letter, Communication, Review, Randomized Controlled Trial

embryology

MeSH Tree Structures

- MeSH headings are organized in a "tree" with 16 main branches:
- Each branch has many levels of sub-branches in a hierarchical arrangement
- Some terms can appear in more than one branch of the tree.

Α.	Anatomy	Anatomy A	natomy	Anatomy
Β.	Organisms	Body Region	Body region	Sense organ
C.	Diseases	Urogenital system	n Head	Ear
D.	Chemicals and Drugs	Urinary tract Kidney	Ear	Middle ear
E.	Analytical, Diagnostic and Therapeutic Techniques and Equipment	t		Eardrum
F.	Psychiatry and Psychology			
G.	Phenomena and Processes			
Η.	Disciplines and Occupations			
Ι.	Anthropology, Education, Sociology and Social Phenomena			

- J. Technology, Industry, Agriculture
- K. Humanities
- L. Information Science
- M. Named Groups
- N. Health Care
- V. Publication Characteristics
- Z. Geographicals