

Attività Didattiche Elettive (ADE)
1-15 febbraio 2023

**Utilizzo esperto di Scopus e
Web of Science.
Alla scoperta di Dimensions**



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Università
di Genova

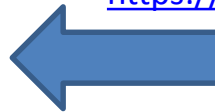
per usare Scopus e Web of Science è
necessario **Attivare il proxy** (no proxy, no
accesso alle risorse). Qui le istruzioni:

https://biblioteche.unige.it/configurare_il_proxy



La **pagina web delle risorse elettroniche**
Per area biomedica

<https://biblioteche.unige.it/risorse-elettroniche-biomediche>



Le banche dati citazionali:

Scopus (Elsevier)

Web of Science (Clarivate Analytics)



Scopus



LE CARATTERISTICHE COMUNI

- Permettono di operare con le **citazioni** degli articoli
- Contengono solo letteratura **peer-reviewed**
- Entrambe sottoscritte dall'Università di Genova
- Banche dati multidisciplinari (con prevalenza di contenuti STEM)
- Banche dati «bibliografiche»: solo accesso agli abstract ma possibilità di accedere all'articolo completo attraverso i link «*TrovaRiviste UNIGE*» oppure «*Search institution library*»

Scopus

[TrovaRiviste UNIGE](#) [View at Publisher](#)

Web of science

[Search Institution Library](#) [Full Text at Publisher](#)

Cosa è una «citazione»

Received: 31 March 2020 | Accepted: 1 April 2020

DOI: 10.1111/jth.14821

COMMENTARY

The versatile heparin in COVID-19

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Coagulopathy in coronavirus infection has been shown to be associated with high mortality with high D-dimers being a particularly important marker for the coagulopathy. In the latest paper from the same group, the use of anticoagulant therapy with heparin was shown to decrease mortality as well.² This is especially so in patients (a) who have met the sepsis induced coagulopathy (SIC) cri-

response.⁶ properties relevant in non-anticoagulant include bir motaxis an

We are still learning how to adequately manage COVID but the increasing experience shared by extremely dedicated and selfless health-care professionals is sure to make us triumph over this pandemic.

CONFLICT OF INTEREST

None.

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La struttura di un articolo scientifico

Heparin Inhibits Cellular Invasion by **SARS-CoV-2**: Structural Dependence of the Interaction of the Spike S1 Receptor-Binding Domain with **Heparin**

By: Mycroft-West, CJ (Mycroft-West, Courtney J.) [1] ; Su, DH (Su, Dunhao) [2] ; Pagani, I (Pagani, Isabel) [3] ; Rudd, TR (Rudd, Timothy R.) [4] ; Elli, S (Elli, Stefano) [5] ; Gandhi, NS (Gandhi, Neha S.) [6] , [7] ; Guimond, SE (Guimond, Scott E.) [8] ; Miller, GJ (Miller, Gavin J.) [9] ; Meneghetti, MCZ (Meneghetti, Maria C. Z.) [10] ; Nader, HB (Nader, Helena B.) [10] ; Li, Y (Li, Yong) [2] ; Nunes, QM (Nunes, Quentin M.) [11] ; Procter, P (Procter, Patricia) [1] ; Mancini, N (Mancini, Nicasio) [12] ; Clementi, M (Clementi, Massimo) [12] ; Bisio, A (Bisio, Antonella) [5] ; Forsyth, NR (Forsyth, Nicholas R.) [13] ; Ferro, V (Ferro, Vito) [14] , [15] ; Turnbull, JE (Turnbull, Jeremy E.) [2] ; Guerrini, M (Guerrini, Marco) [5] ; Fernig, DG (Fernig, David G.) [2] ; Vicenzi, E (Vicenzi, Elisa) [3] ; Yates, EA (Yates, Edwin A.) [1] , [2] ; Lima, MA (Lima, Marcelo A.) [1] ; Skidmore, MA (Skidmore, Mark A.) [1] , [2] ...Less

[View Web of Science ResearcherID and ORCID](#) (provided by Clarivate)

THROMBOSIS AND HAEMOSTASIS

Volume: 120 Issue: 12 Page: 1700-1715

DOI: 10.1055/s-0040-1721319

<https://dx.doi.org/10.1055/s-0040-1721319>

Published: DEC 2020

Indexed: 2021-01-12

Document Type: Article

Abstract

The dependence of development and homeostasis in animals on the interaction of hundreds of extracellular regulatory proteins with the peri- and extracellular glycosaminoglycan heparan sulfate (HS) is exploited by many microbial pathogens as a means of adherence and invasion. Heparin, a widely used anticoagulant drug, is structurally similar to HS and is a common experimental proxy. Exogenous heparin prevents infection by a range of viruses, including S-associated coronavirus isolate HSR1. Here, we show that heparin inhibits severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) invasion of Vero cells by up to 80% at doses achievable through prophylaxis and

Cosa è la «peer review»

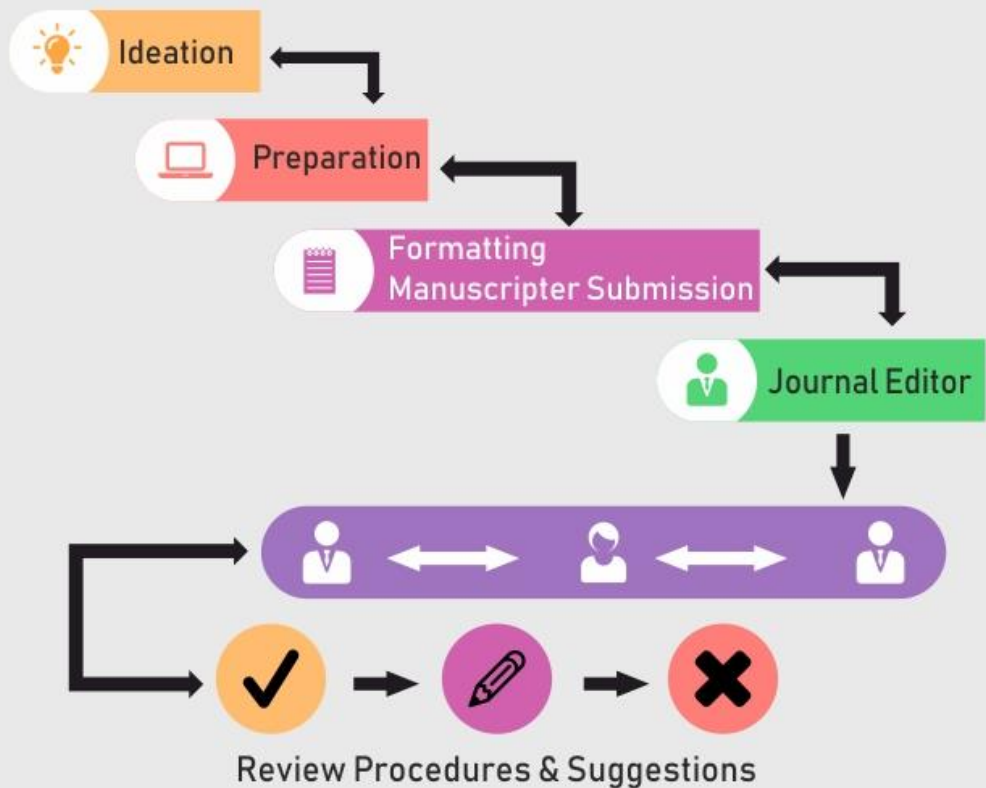
La peer review è un processo scientifico ed editoriale svolto tra pari

Serve a validare e migliorare la qualità scientifica dei manoscritti pubblicati nelle riviste

Cosa viene valutato:

originalità, validità, rilevanza, adeguati standard di scientificità, adeguati riferimenti bibliografici

PEER REVIEW PROCESS CHART



La peer review può essere
Blind
Double blind
Open



Scopus

Scopus

- 77,8+ milioni di record
- 8,5+ milioni di articoli Open Access
- 17 + milioni di profili di autori
- 23.400+ riviste scientifiche peer-reviewed indicizzate
- 7.000 + editori
- 9,8 milioni di conference papers
- 210.000 libri

fonte

https://www.elsevier.com/_data/assets/pdf_file/0007/69451/Scopus_ContentCoverage_Guide_WEB.pdf



WEB OF SCIENCE™

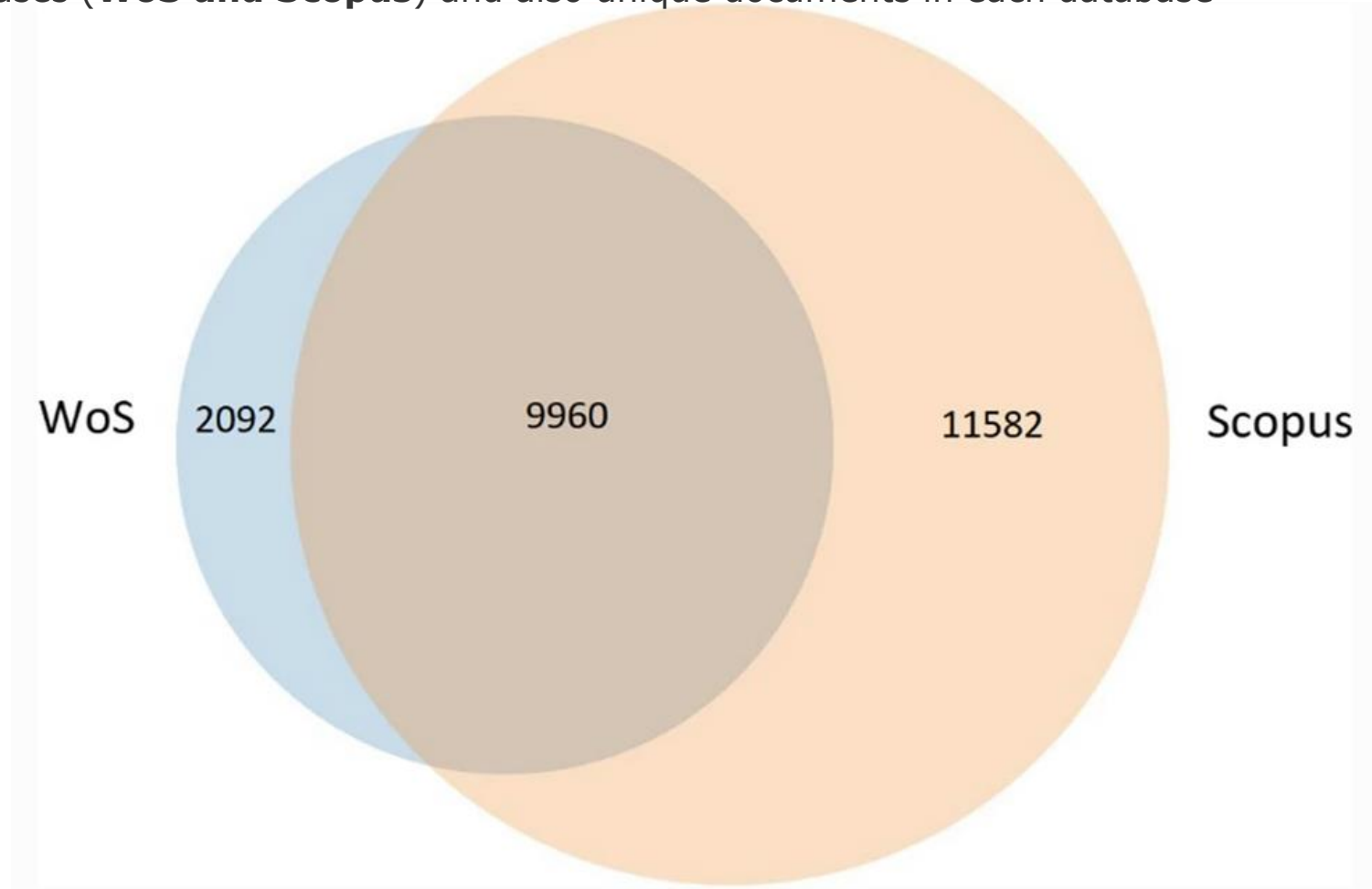
WEB of Science (WoS)

- Più di 87 milioni di records
- 21.973 journals + libri e conference proceedings
- Più di 139.000 libri
- Più di 300.000 conferenze indicizzate

fonte

<https://clarivate.libguides.com/librarianresources/coverage>

Venn diagram showing the overlap in documents with unique DOIs or titles in two major citation databases (**WoS and Scopus**) and also unique documents in each database



FONTE

Teixeira da Silva, J.A., Tsigaris, P. & Erfanmanesh, M. Publishing volumes in major databases related to Covid-19. *Scientometrics* 126, 831–842 (2021). <https://doi.org/10.1007/s11192-020-03675-3>

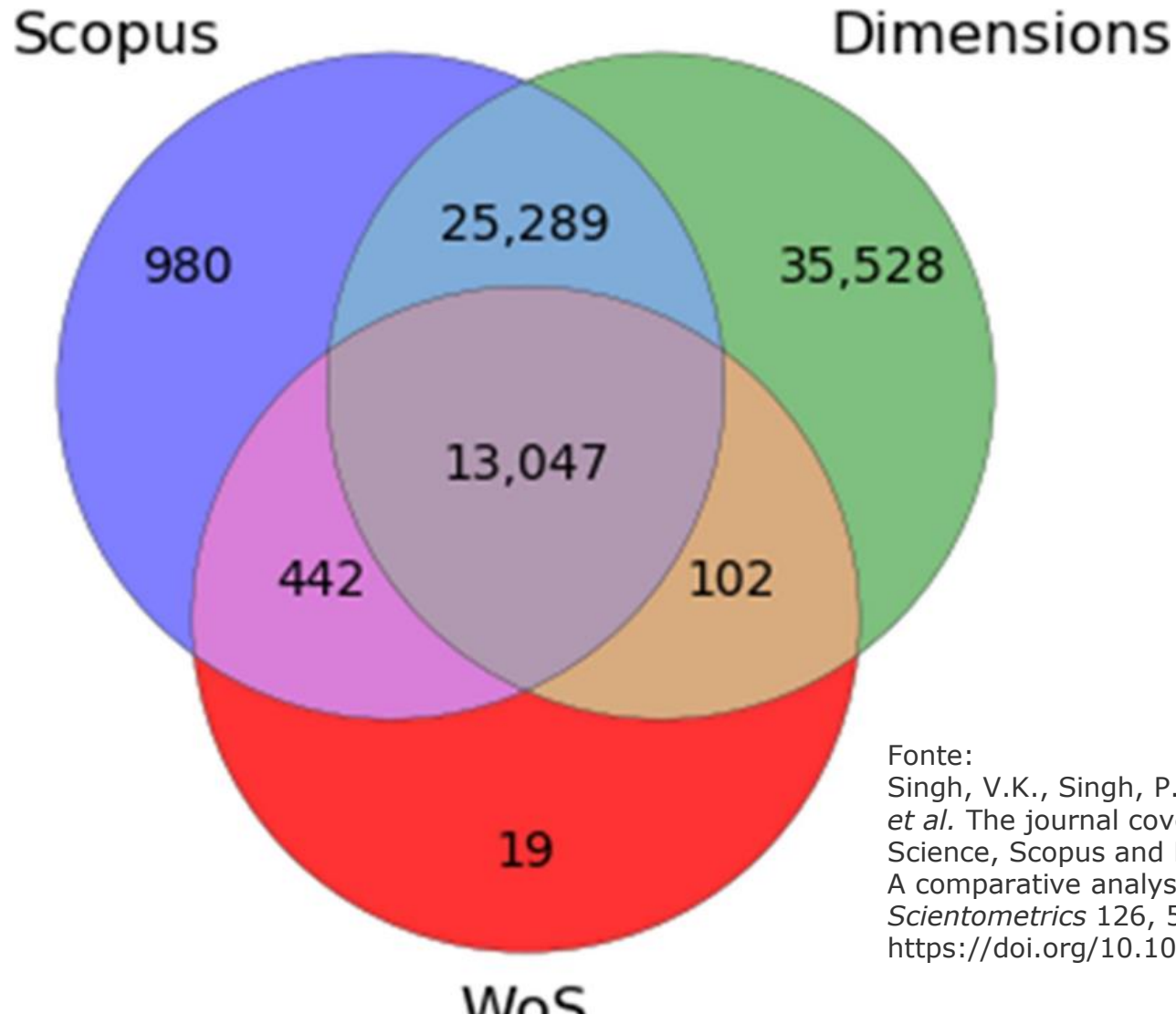
DIMENSIONS (dimensions.ai)



Accesso libero
all'interrogazione dei
contenuti del database
limitatamente alla
sezione «Publications»
e «Dataset»

- Lanciato nel 2018
- Articoli di riviste, pre-prints, libri, capitoli di libri e conference proceedings
- Ricerca nel full text di ~70% delle pubblicazioni
- 100M + di records (Scopus 87+, WoS 77+)
- Metadati derivati da molti database disponibili
- Attenzione alle Altmetric (metriche alternative per la valutazione della ricerca)

Scopus, WoS, Dimensions: sovrapposizioni tra le riviste indicizzate



Fonte:
Singh, V.K., Singh, P., Karmakar, M.
et al. The journal coverage of Web of
Science, Scopus and Dimensions:
A comparative analysis.
Scientometrics 126, 5113–5142 (2021).
<https://doi.org/10.1007/s11192-021-03948-5>



SCOPUS WOS E DIMENSIONS HANNO MODALITA' DI INTERROGAZIONE «*GOOGLE LIKE*»

t u t t a v i a...

Non **sprechiamo** le funzioni e la potenza di ricerca
che questi database consentono:
siamo **ACCURATI** e **RIFLESSIVI**

covid	284.305 risultati
covid OR coronavirus	311.888 risultati
covid OR coronavirus OR "sars cov 2"	353.705 risultati



**KEEP
CALM
AND
FOCUS ON
REFLECTION**



Troppo o troppo poco?

Search within
All fields



Search documents *
covid

717,471 document results

ALL (covid)

Porsi degli obiettivi realistici

Restringere o ampliare i risultati della ricerca: Richiamo / Precisione

RICHIAMO e PRECISIONE. Esempio

una banca dati contiene 1000 documenti. Di essi **50** sono pertinenti al mio tema

faccio una ricerca e ottengo **300** documenti verificandoli controllo che **30** sono pertinenti con la mia ricerca

la mia ricerca ottiene:

30/50 Alto richiamo

30/300 Bassa precisione, molto "rumore"

Le strategie di ricerca che aumentano la precisione diminuiscono il richiamo e viceversa



KEEP
CALM
AND
FOCUS ON
REFLECTION

QUELLO
CHE VOGLIO
SCOPRIRE/
SAPERE



Costruire domanda di ricerca
Definire l'ambito



Scegliere le
Parole chiave

...Adesso interroghiamo i database



Scopus

 **Clarivate**
Analytics

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