



ScienceDirect®

Avance suas pesquisas com a principal plataforma do mundo de literatura científica revisada por pares e com texto completo.



Agenda do dia



- Nosso compromisso
- Conhecendo o ScienceDirect
- Cell Press Collection
- Topic Pages
- Demonstração ao vivo

Compromisso com nossos usuários



Nossa missão é fazer com que a descoberta de informações seja simples e gratificante.



ScienceDirect torna o trabalho do pesquisador mais rápido, mais fácil e mais produtivo a cada dia.



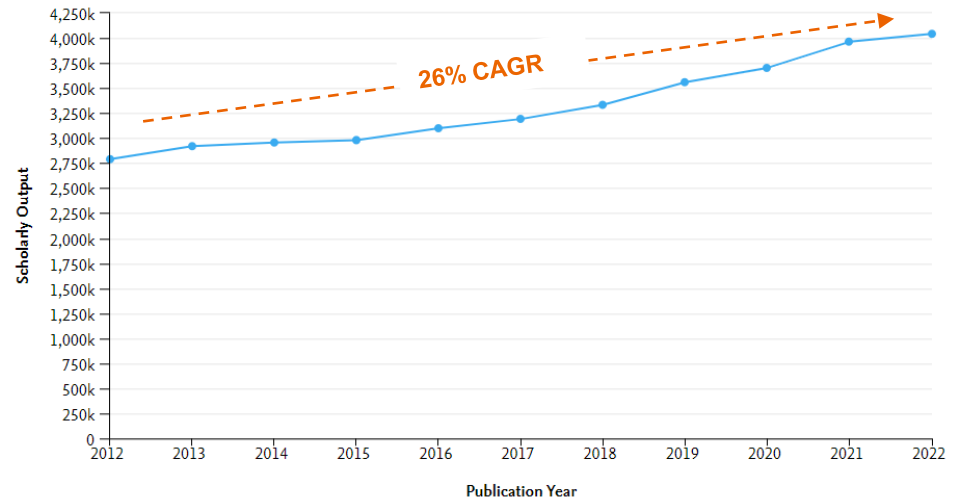
Ajudamos os usuários a se atualizarem rapidamente sobre novos tópicos, acompanharem questões relevantes e descobrirem conexões criteriosas dentro e fora de suas áreas de especialização.

As informações científicas estão crescendo rapidamente

A produção global de publicações cresceu a uma taxa de

26% CAGR

Publicações globais indexadas na Scopus 2012-2022





Inovações ScienceDirect – Novos conteúdos



A principal fonte mundial de pesquisa científica, técnica e médica



Conteúdo exclusivo, amplo e valioso

- ✓ **>19M** Artigos
- ✓ **43K** eBooks
- ✓ **371K** Topic Pages
- ✓ **>2.700** Periódicos revisados por pares
- ✓ Expectativa de adicionar cerca de **430 mil** em 2023 e 2024



Plataforma fortalecida através do Search Engine Optimization

- ✓ Ranking da plataforma **'Top 200'** na internet¹
- ✓ 10 ou mais posições de **classificação mais altas** no Google do que qualquer outra editora
- ✓ **Melhor aparição** da editora nos resultados da primeira página do Google
- ✓ **>25% mais links** do que outras editoras nos resultados da primeira página do Google



Forte Engajamento do Usuário

- ✓ **19M** de pesquisadores mensais
- ✓ **>110M** de visitas mensais
- ✓ **50M** de usuários únicos mensais no total
- ✓ **>75** visualizações únicas de artigos por segundo

ScienceDirect foi classificada como a **#1 homepage mais acessível** pela [pesquisa WebAIM Million de 2023](#).



Encontre potenciais colaboradores com **perfis de autor Scopus** integrados no ScienceDirect.



As **Topic Pages** fornecem informações gratuitas, fundamentais e contextuais quando necessário.



ScienceDirect permite uma experiência de **leitura mais acessível** para todos os pesquisadores.



ScienceDirect oferece **insights aprimorados que valorizam o seu tempo**: encontre quem citou o artigo, pesquise imagens em um artigo ou obtenha resultados rápidos de pesquisa dentro da plataforma.

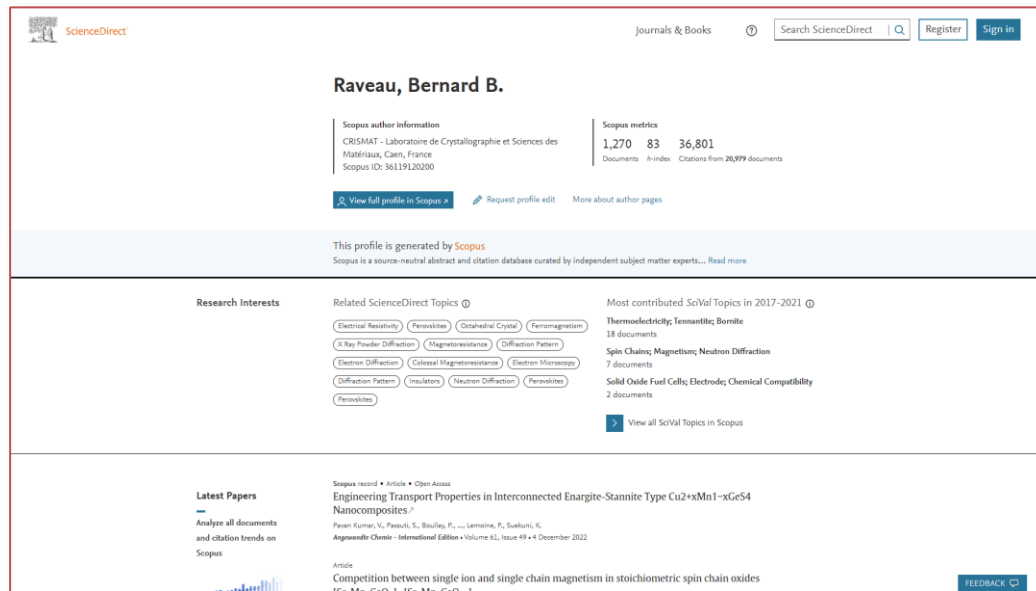
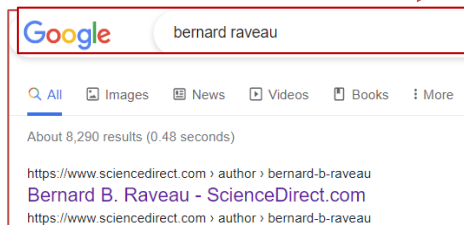


Encontre potenciais colaboradores com perfis de autor Scopus integrados



Descubra insights valiosos

- ✓ Mais de 5 mil perfis de autores Scopus lançados no ScienceDirect no primeiro semestre de 2023
- ✓ Encontre facilmente colaboradores, avalie a métrica do artigo ou compare com outros
- ✓ Descubrir diretamente a partir do nome do autor no ScienceDirect ou por meio de mecanismos de pesquisa





Otimize a eficiência da sua pesquisa com as Topic Pages



Forensic Imaging
Volume 32, March 2023, 200533



Comparing the diagnostic accuracy of post-mortem CT with invasive autopsy in fire-related deaths: a systematic review

Stacey Sanderson^{a,1,2}, Hollie Lawler^b

Show more

+ Add to Mendeley Share Cite

<https://doi.org/10.1016/j.fri.2023.200533>

Get rights and content

Introduction

Burns may seem like a simple injury, but they are in fact a complicated pathology. They can cause destruction and mutilation of skin tissue, smoke-induced injuries to the airways, and postmortem diagnosis is often complicated by accompanying [multi organ failure](#). Though it has been on a decline since the eighties, the number of fire related deaths in the United Kingdom (UK) is still prevalent, plateauing at between 200 and 300 hundred, per annum, in recent years [1]. The only discrepancies in the figures are in 2017 which was increased due to the Grenfell tower fire, and was reduced by 4% during the lockdowns incurred due to Covid-19 [1]. The most common cause of death in fire related incidents is [neurogenic shock](#), also known as burn shock [2]. respiratory complications are also a major cause of early death, accounting for 34-45% of fire-related deaths, depending on the age of the person. Multi-organ failure is responsible for around 25% of all burn deaths, whilst sepsis accounts for around 14% [2].

Neurogenic Shock

59 Neurogenic shock is caused by dysfunction of the sympathetic paravertebral ganglia innervated by the thoracic lumbar segments of the spinal cord that play an important role in the maintenance of peripheral vascular tone.

From: *Perioperative Medicine (Second Edition)*, 2022

Related terms:

Bradycardia, Resuscitation, Cardiogenic Shock, Hypertensive Factor, Vasodilatation, Spinal Cord, Spinal Cord Injury, Hypotension, Heart Output

View all Topics

+ Add to Mendeley Set alert

About this page

Fractures, Dislocations, and Fracture-Dislocations of the Spine

Frederick M. Azar MD, in Campbell's Operative Orthopaedics, 2021

Neurogenic And Spinal Shock

Neurogenic shock refers to hemodynamic instability that occurs with rostral cord injuries related to the loss of sympathetic tone to the peripheral vasculature and heart, the consequences of which are bradycardia, hypotension, and hypothermia caused by absent

Spinal Cord Injury

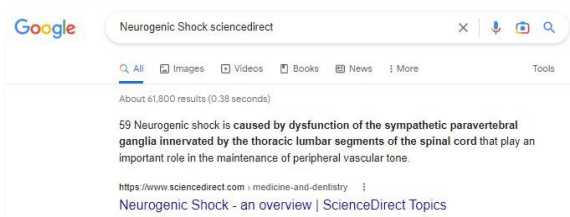
Christopher S. Ahuja, ... Michael Fehlings, in *Principles of Neurological Surgery (Fourth Edition)*, 2018

Neurogenic Shock

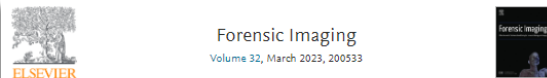
Neurogenic shock is a life-threatening condition. *Polytrauma* patients are particularly susceptible, as they often have depleted hemodynamic reserves due to cardiovascular injuries or hypovolemia. Neurogenic shock is caused by disruption of the sympathetic nervous



Melhore seu conhecimento conectando o conteúdo de revista com o conteúdo de livro



Encontre também as Topic Pages através do Google



Comparing the diagnostic accuracy of post-mortem CT with invasive autopsy in fire-related deaths: a systematic review

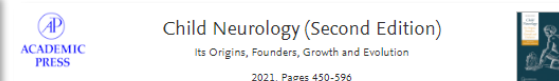
Stacey Sanderson^{a,1,2}, Hollie Lawler^b

Show more

+ Add to Mendeley Share Cite

<https://doi.org/10.1016/j.fri.2023.200533>

Get rights and content



The Late 20th Century (1960–2000+)

Show more

+ Add to Mendeley Share Cite

<https://doi.org/10.1016/B978-0-12-821635-4.00263-0>

Conteúdo de revistas

- Conhecimento especializado
- Foco estreito
- Profundidade extrema

Topic Pages

- Conhecimento resumido
- Conecta tópicos e conteúdos
- Proporciona contexto

Conteúdo de livros

- Foco amplo
- Conhecimento clássico
- Novo tópico ou recapitulando áreas antigas



Topic Pages fornecem informações gratuitas, críticas e contextuais



Usando **inteligência artificial**, algoritmos de **aprendizado de máquina** e ferramentas de processamento de linguagem natural, as **Topic Pages** constroem uma ponte entre o conteúdo do livro e da revista.

Topic Pages apresentam um conhecimento abrangente e interdisciplinar que responde perguntas de pesquisa, aprofunda a compreensão dos usuários sobre um tema específico e promove a constante atualização.

ScienceDirect Topics

Topic	Count
Agricultural and biological sciences	30,269
Biochemistry, genetics and molecular biology	27,269
Chemical engineering	1,369
Chemistry	18,941
Earth and planetary sciences	
Economics, econometrics and finance	
Engineering	
Food science	

Topics in Economics, Econometrics and Finance

ScienceDirect provides coverage of all areas of Economics, Econometrics and Finance including Microeconomics, Macroeconomics, International Economics, Labor Economics and Developmental Economics to help get you up to speed with new and unfamiliar concepts in your area of interest. Browse the Topics list or complete a keyword search to discover more.

Search:

Abatement Cost Absenteeism Academic Discipline All

Descubra mais avanços

- ✓ Uma central para iniciar o caminho da descoberta e compreensão

GERANDO TOPIC PAGES



- Mais de **363.000** páginas em **20 áreas temáticas**, com hiperlink de **5 milhões** de artigos de periódicos
- Mais de **20 milhões de visitas por mês**, a segunda mais visitada depois das páginas de artigos.



ScienceDirect possui recursos que propiciam acessibilidade a todos os pesquisadores



PDFs etiquetados - Critério WCAG 2.1 1.3.1 Informações e Relações (A)

Começamos a melhorar a acessibilidade de nossos PDFs com um novo recurso para pessoas que usam tecnologia assistiva:

Ao adicionar um conjunto de tags para identificar elementos como cabeçalhos, parágrafos, figuras e links, fornecemos ferramentas de tecnologia assistiva com uma representação detalhada da estrutura do artigo, o que se traduz em uma experiência superior de navegação e leitura de tela para todos os pesquisadores.



A ScienceDirect foi classificada como a #1 homepage mais acessível pela pesquisa WebAIM Million de 2023.

Descubra mais avanços

- ✓ A acessibilidade garante que todos os seus usuários em potencial tenham uma boa experiência de usuário na Plataforma ScienceDirect.
- ✓ Ao implementar as melhores práticas de acessibilidade, também estamos melhorando a usabilidade do site para todos os usuários.



ScienceDirect possui recursos que propiciam acessibilidade a todos os pesquisadores



Legendas ocultas - WCAG 2.1 critério 1.2.2 Legendas (A)

Um novo periódico em vídeo de acesso aberto, **Science Talks**, foi lançado em março.

Legendas ocultas e transcrições contínuas estão disponíveis para todos os artigos de vídeo publicados neste periódico e renderizados em um reprodutor de mídia totalmente acessível.

The screenshot shows a video player interface. The main content area displays a presentation slide titled "Vertical farming (VF)" with two bullet points:

- » Part of the rise of controlled environment agriculture
- » To improve sustainability, major changes are needed with regard to what we eat and how food is produced

Below the text is a collage of images related to vertical farming, including green plants in vertical stacks and people working in a controlled environment.

On the right side, an "Auto scroll:" overlay is visible, showing a transcript of the video content. The transcript includes the following text:

Our research is already underway, including suitability and cross-cultural research. And apply the method of text highlighting to other topics, for example, biodynamic foods. Vertical farming is one response to the need for greater sustainability in food production and supply because exposure to and knowledge about vertical farming is still low. Consumers need to be given information about vertical farming to study their attitudes. That makes it a good topic for text highlighting. And with this, I'll transition into describing the method, which we implement in our online surveys. It looks like this literally. What you see here is a screenshot of joint data collection in the open access paper I just mentioned. Participants are asked to read the text and use the highlight functions in the software to select text, which they like or feel positive about, and text which they dislike or feel negative about. I'll read out the text to you, but first mention that we

The video player controls at the bottom show the video is paused at 1:10 / 11:22, with a speed of 1x.

A ScienceDirect foi classificada como a #1 homepage mais acessível pela pesquisa WebAIM Million de 2023.

Descubra mais avanços

- ✓ A acessibilidade garante que todos os seus usuários em potencial tenham uma boa experiência de usuário na Plataforma ScienceDirect.
- ✓ Ao implementar as melhores práticas de acessibilidade, também estamos melhorando a usabilidade do site para todos os usuários.



ScienceDirect oferece insights aprimorados que valorizam o seu tempo



Obtenha o contexto de uma citação imediatamente na seção "Citado por" da página do artigo

Cited by (26)

[Insect Neurobiology: An Eye to Forward Motion](#)

2017, Current Biology

Show abstract

[Comparative approaches to escape](#)

2016, Current Opinion in Neurobiology

Show abstract

[Visual motion processing subserving behavior in crabs](#)

2016, Current Opinion in Neurobiology

Show abstract

[Organization of columnar inputs in the third optic ganglion of a highly visual crab](#)

2014, Journal of Physiology Paris

Citation Excerpt :

...Alternatively, the neuron in Fig. 3M arborizes at two strata, Li1 and Li3 (arrowheads). This neural pattern of branching closely resembles that of a transmedullar neuron we have previously recorded electrophysiologically and stained intracellularly (Berón de Astrada et al., 2013). The cell body of the neuron was located above the medulla and possessed fine branches in a proximal layer of this neuropile....

Show abstract

A **pesquisa de imagens** é incorporada em uma pesquisa de palavras-chave; os usuários economizam tempo clicando em uma imagem e sendo levados para a seção relevante na página do artigo

The screenshot displays the ScienceDirect search results for the keyword "associative learning". The search bar at the top shows "Find articles with these terms" and "associative learning". Below the search bar, it indicates "861,636 results". The results list includes two articles:

- The relationship between multisensory associative learning and multisensory integration** (Neuropsychologia, 22 July 2022, ...). Authors: Sébastien A. Lauzon, Arin E. Abraham, ... Ryan A. Stevenson. Options: View PDF, Abstract, Extracts, **Figures**, Export.
- Taste-immune associative learning amplifies immunopharmacological effects and attenuates disease progression in a rat glioblastoma model** (Brain, Behavior, and Immunity, 14 September 2022, ...). Authors: Susann Hetze, Lennart Barthel, ... Martin Hadamitzky. Options: View PDF, Abstract, Graphical Abstract.

A red box highlights the "Figures" link in the first article's options. A red arrow points from this link to a detailed view of the figure, which includes a diagram titled "Taste-immune Associative Learning" and several bar charts showing experimental results.



ScienceDirect oferece insights aprimorados que valorizam o seu tempo

Obtenha resultados de pesquisa rápidos e confiáveis na plataforma

Conclusions

Columnar neurons from the second optic neuropil are likely the main plastic locus responsible for the modifications in animal behavior when confronted with rapidly repeated object motion. Our results demonstrate that visually guided behaviors can be determined by neural plasticity that occurs surprisingly early in the visual pathway.

[< Previous article in issue](#)
[Next article in issue >](#)

Introduction

Motion vision provides essential cues for a wide variety of animal behaviors. It originated to fulfill two essentially distinct behavioral tasks. One task, which is based on the analysis of panoramic optic flow, is to inform the animal about its own movements. The other task, which is based on the processing of focal motion cues, is to allow the animal to know about the movement of prey, predators, and conspecifics. Because animal navigation imply sustained analysis of the optic flow, the visual processing involved in this task shows little change upon repeated or continuous stimulation. In contrast, behavioral and neuronal responses to repeated object motion often show fast and profound decline. Such decline, in the form of either habituation [1] or more-complex associative learning processes [2], represents constitutive mechanisms of an animal's adaptability [2].

The arthropod neural systems that have been used to investigate object or target visual search are used to investigate object or target visual search. The system that contains figure detection (FD) cells in the blowfly [4]; the system that contains small target

[Search](#)
[Copy](#)

Find articles with these terms
 [Q](#)

[Advanced search](#)

861,636 results

[Set search alert](#)

Refine by:

Years

- ☐ 2024 (5)
- ☐ 2023 (16,150)
- ☐ 2022 (79,329)

[Show more](#)

Article type

- ☐ Review articles (77,867)
- ☐ Research articles (582,340)
- ☐ Encyclopedia (12,663)
- ☐ Book chapters (66,893)

[Show more](#)

[Download selected articles](#) [Export](#)

☐ Research article [Full text access](#)

1 The relationship between multisensory associative learning and multisensory integration
 Neuropsychologia, 22 July 2022, ...
 Sébastien A. Lauzon, Arin E. Abraham, ... Ryan A. Stevenson
[View PDF](#) [Abstract](#) [Extracts](#) [Figures](#) [Export](#)

☐ Research article [Open access](#)

2 Taste-immune associative learning amplifies immunopharmacological effects and attenuates disease progression in a rat glioblastoma model
 Brain, Behavior, and Immunity, 14 September 2022, ...
 Susann Hetze, Lennart Barthel, ... Martin Hadamitzky
[View PDF](#) [Abstract](#) [Graphical Abstract](#) [Extracts](#) [Figures](#) [Export](#)

Get a personalized search experience
 Recommendations, reading history, search & journals alerts, and more registration benefits.

[Personalize](#)

- O ScienceDirect foi projetado para atender às necessidades de **pesquisadores interdisciplinates**, à medida que a pesquisa se torna mais abrangente.
- 78% dos usuários do ScienceDirect costumam fazer pesquisas interdisciplinares. Nossos dados mostram que **6,3 milhões de livros e periódicos** foram usados juntos no ScienceDirect na mesma sessão de pesquisa em 2019, o que significa mais de 528.000 usos por mês.

(Fonte: pesquisa TechValidate com 270 usuários do Elsevier ScienceDirect Books TVID: 9D4-230-2AD)



ScienceDirect oferece insights aprimorados que valorizam o seu tempo



Obtenha informações aprimoradas sobre revistas e seus artigos

Chemosphere

Supports open access

11.7
CiteScore

8.943
Impact Factor

Articles & Issues ▾ About ▾ Publish ▾

Search in this journal

Submit your article ↗ Guide for authors ↗

Latest issue

Volume 316

In progress

March 2023

About the journal

Chemosphere is an international journal designed for the publication of original communications as well as review articles on chemicals in the environment. Chemosphere, as a multidisciplinary journal, offers maximum dissemination of investigations related to all aspects of the identification, ...

[View full aims & scope](#)

\$3610 Article Publishing Charge for open access

2.8 weeks Time to First Decision

0.7 weeks Publication Time

[View all insights](#)

Co-Editors-in-Chief | [View full Editorial Board](#)

Jacob de Boer, Prof.dr.
VU Amsterdam, 1081 HV, Amsterdam, Netherlands

Tamara Galloway
University of Exeter, EX4 4QJ, Exeter, United Kingdom

Yeomin Yoon, PhD
University of South Carolina, 29208, Columbia, South Carolina, United States of America

Articles

Latest published Articles in press Top cited Most downloaded Most popular

- | | | | |
|---|---|--|---|
| <p>Research article • Full text access</p> <p>An economic, self-supporting, robust and durable LiFe_2O_3 anode for sulfamethoxazole degradation</p> <p>Dongdong Zhu, ... Di-Hua Wang
March 2023</p> <p>Download PDF</p> | <p>Research article • Full text access</p> <p>Effect and mechanism of norfloxacin removal by guava leaf extract in the $\text{ZVI}/\text{H}_2\text{O}_2$ system</p> <p>Baizhou Lu, ... Jinhua Wu
March 2023</p> <p>Download PDF</p> | <p>Research article • Full text access</p> <p>An immobilization of aminopropyl trimethoxysilane-phenanthrene carbaldehyde on graphene oxide for toluene extraction and separation in water samples</p> <p>Shahnaz Telmoor, ... Nabilollah Mansouri
March 2023</p> <p>Download PDF</p> | <p>Research article • Full text access</p> <p>Ecotoxicity induced by total, water soluble and insoluble components of atmospheric fine particulate matter exposure in <i>Caenorhabditis elegans</i></p> <p>Xiaoming Liu, ... Junfeng Wang
March 2023</p> <p>Download PDF</p> |
| <p>Research article • Full text access</p> <p>Natural phenol-inspired porous polymers for efficient removal of tetracycline: Experimental and engineering analysis</p> <p>Yunlong Liu, ... Zhenwu Kong
March 2023</p> <p>Download PDF</p> | <p>Research article • Full text access</p> <p>The effects of mercury exposure on Amazonian fishes: An investigation of potential biomarkers</p> <p>José Cavalcante Souza Vieira, ... Pedro de Magalhães Padilha
March 2023</p> <p>Download PDF</p> | <p>Research article • Full text access</p> <p>Tailoring enzymatic loading capacity on CdS nanorods@ZnIn_2S_4 nanosheets 1D/2D heterojunctions: Toward ultrasensitive photoelectrochemical bioassay of tobramycin</p> <p>Rui Hu, ... Jiu-Ju Feng
March 2023</p> <p>Download PDF</p> | <p>Research article • Full text access</p> <p>Synergism of Fe and Al salts for the coagulation of dissolved organic matter: Structural developments of Fe/Al-organic matter associations</p> <p>Kai-Yue Chen, ... Yu-Min Tzou
March 2023</p> <p>Download PDF</p> |

[Read latest issue](#)

- Páginas de periódicos com estética aprimorada, incluindo cores personalizáveis que combinam com o periódico
- Informações sobre métricas de periódicos e conselhos editoriais
- Os artigos mais recentes publicados, mais citados, mais baixados e mais populares listados ajudam os usuários finais a se manterem atualizados.

Coleção Cell Press



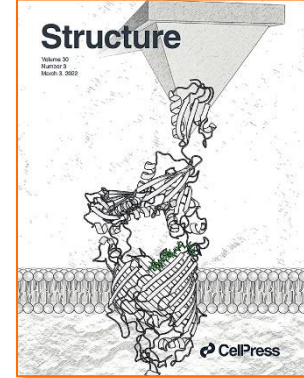
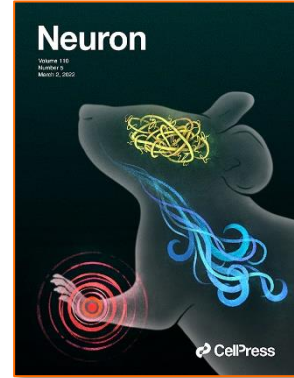
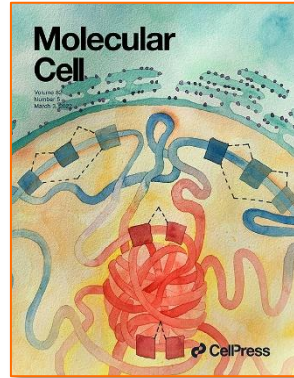
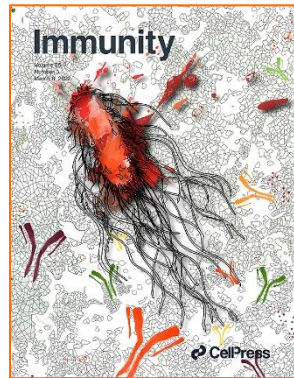
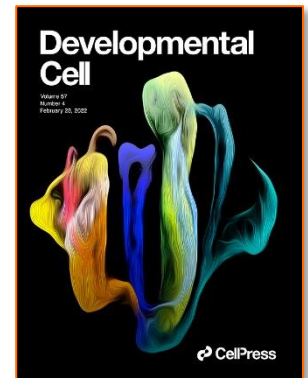
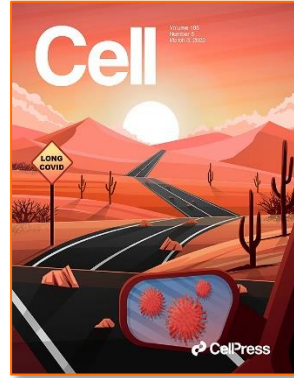
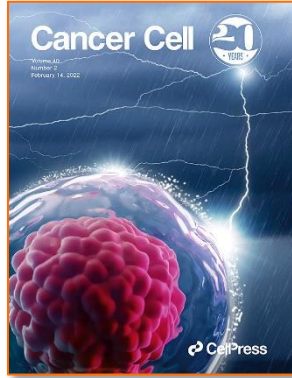
Cell Press é o **selo premium** da Elsevier para pesquisas de **ciências biomédicas**.

Desde 1974, a Cell Press comprometeu-se a combinar a ciência da mais **alta qualidade** com **inovações em tecnologia** e práticas de publicação.

Estudantes de **pós-graduação, bolsistas pós-doutorados, professores e pesquisadores de ciências da vida** em todo o mundo se voltam para as revistas biomédicas da Cell Press todos os meses para se manterem atentos às **descobertas científicas** mais impactantes.

A Cell Press publica periódicos que abrangem as ciências da vida. O Cell tem um dos **mais altos fatores de impacto** nas ciências da vida e é considerado o **principal periódico** de pesquisa que abrange *biologia celular, bioquímica e biologia molecular*.

Coleção Cell Press



Vamos ficar em contato!



/ElsevierPesquisa



@ElsevierPesq



@elsevierpesquisa



Elsevier Pesquisa



ElsevierPesquisa



ELSEVIER

Muito obrigada!

Perguntas ou comentários:

Lilian Paiva, MBA

Customer Success Manager

ELSEVIER | Research Solutions

l.paiva@elsevier.com

