

Introdução à Pesquisa em Ciência da Computação 2026/1

Tutorial 02: *Tunneling* & Plataformas

David Menotti - web.inf.ufpr.br/menotti
Departamento de Informática
Universidade Federal do Paraná (UFPR)



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Conexão Doméstica
&
Tunneling (proxy)

Conexão Doméstica (não usar)

- Conexão Doméstica (VPN/Proxy) via SiBi-UFPR
 - O Sistema de Bibliotecas (SiBi/UFPR) disponibiliza acesso remoto às bases de dados assinadas mesmo fora do campus por meio de **VPN/UFPR** ou **Rede CAFe** — tudo autenticado com seu e-mail institucional (@ufpr.br).
- VPN/UFPR
 - Use o cliente [OpenVPN](#) (recomendado) ou Fortigate, conforme instruções da AGTIC.
 - <https://ufpr.br/agtictutoriais/>
 - Após instalado e conectado, seu dispositivo passa a estar virtualmente dentro da rede da UFPR, permitindo acesso a bases de dados restritas como se estivesse no campus.
- Rede [CAFe \(Portal de Periódicos CAPES\)](#)
 - Funciona navegando pelo portal CAPES, com login institucional. Ideal para quem busca acesso via navegador sem instalar VPN.

Rede CAFe (Comunidade Acadêmica Federada) (não usar)

- https://bibliotecas.ufpr.br/wp-content/uploads/2022/05/conexao_capes_CAFé.pdf
1. Acesse o Portal de Periódicos no endereço <https://www.periodicos.capes.gov.br/>
 2. Clique no link Acesso CAFe disponível ao lado esquerdo da página;
 3. Selecione uma instituição e uma lista de instituições participantes da comunidade aparecerá. Você deve selecionar a UFPR;
 4. Ao clicar em “enviar”, você será direcionado para uma nova tela onde deverá incluir o nome de usuário e senha fornecidos pela universidade;
 5. Após a identificação, você será redirecionado para a página inicial do Portal de Periódicos e poderá iniciar sua pesquisa.

Túnel SSH (**sugerido**)

- `ssh -D 9005 <user>@macalan.c3sl.ufpr.br`

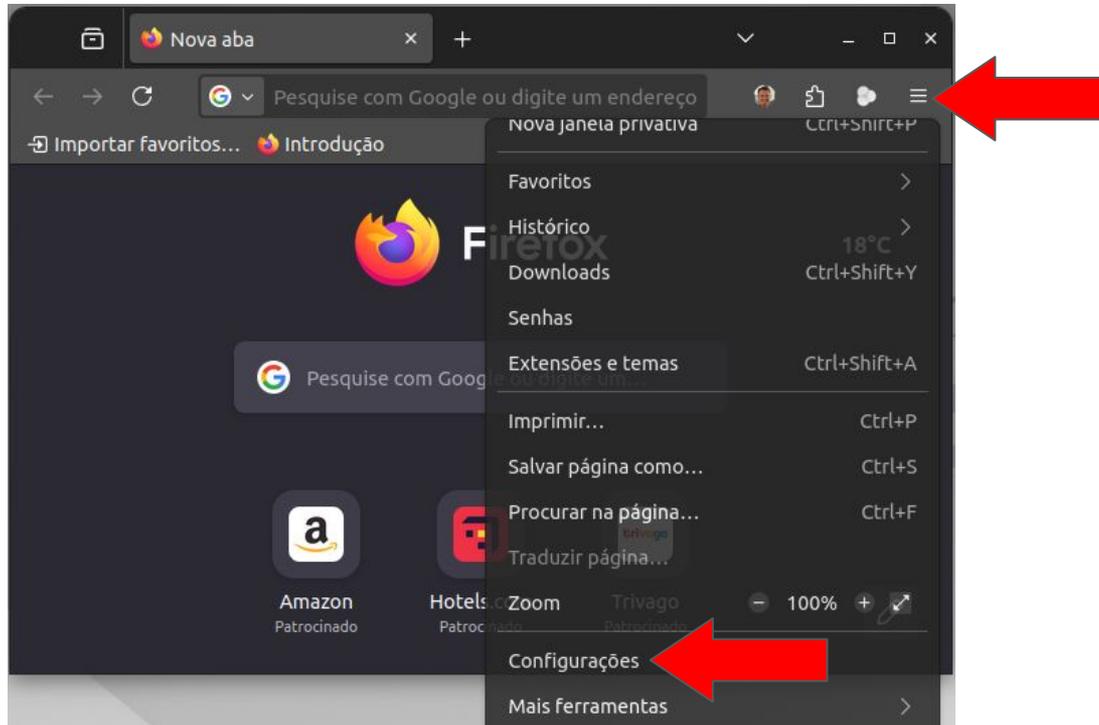


```
bjgbiesseck@macalan: ~  
biesseck@aspire-A315-42: $ ssh -D 9005 bjgbiesseck@macalan.c3sl.ufpr.br  
Linux macalan 6.1.0-37-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.1.140-1 (2025-05-22) x86_64  
  
MACALAN  
  
**Esta máquina deve ser usada apenas para acessar outras máquinas**  
  
Existem limites rígidos de processos, memória e arquivos abertos.  
Ou seja, muitos programas **não irão funcionar direito**.  
  
Máquinas disponíveis para uso via ssh:  
- Virtuais cpu1 (32c, 64GB RAM) e cpu2 (16c, 64GB RAM)  
- Máquina orval (16c, 72GB RAM, 2xGTX 750 Ti)  
  
Normas de uso, tutoriais e suporte em https://suporte.inf.ufpr.br.  
Last login: Tue Aug 12 17:19:37 2025 from 2804:76c:27d:3800:d7cb:40bd:279e:cc5b  
bjgbiesseck@macalan:~$
```

- * *Manter a conexão aberta!*
- * *Desabilitar o **IPV6** (IEEE xplora pode não funcionar)*

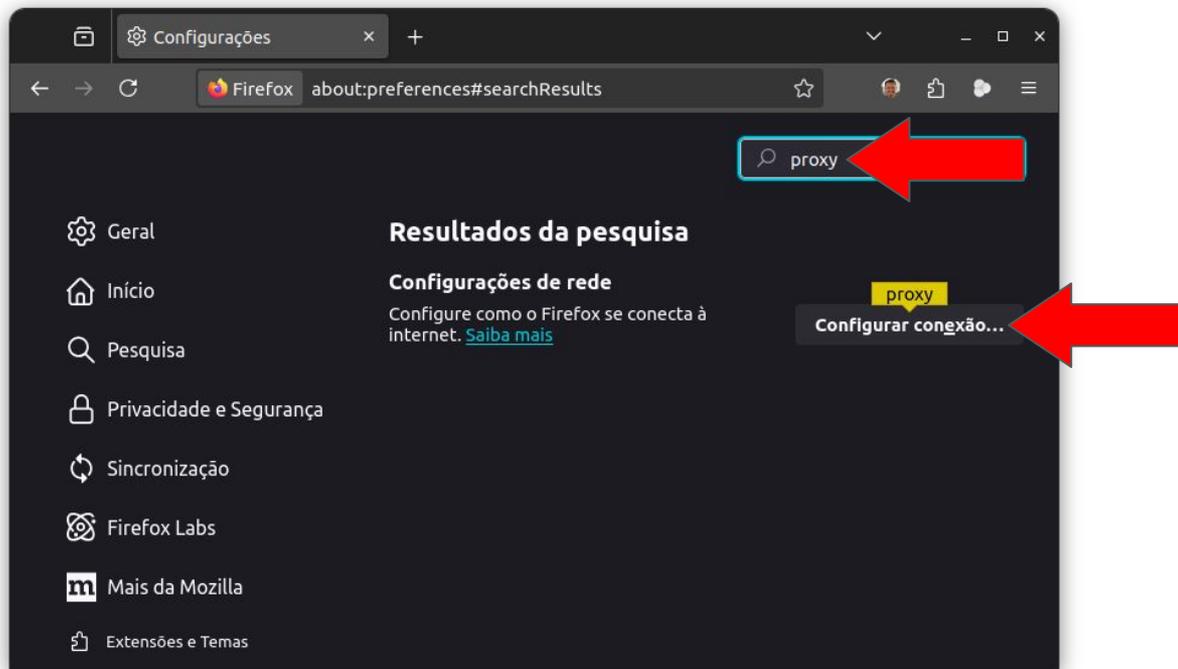
Túnel SSH

- Configurações do Mozilla Firefox



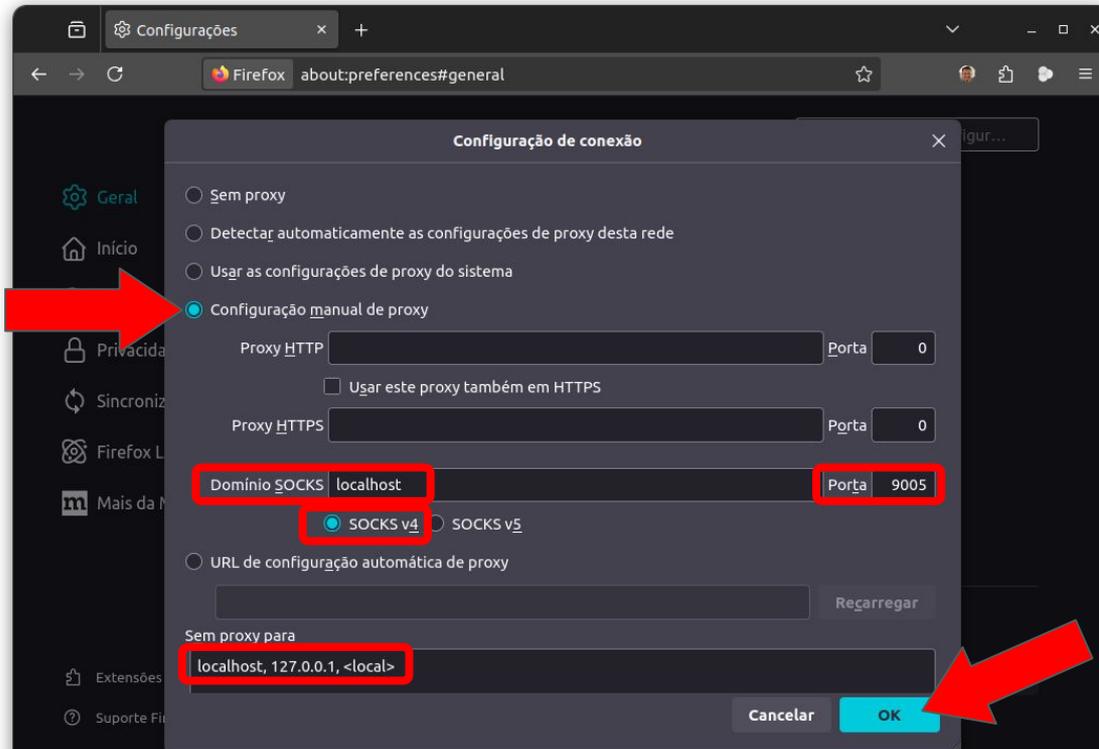
Túnel SSH

- Configurar conexão de rede



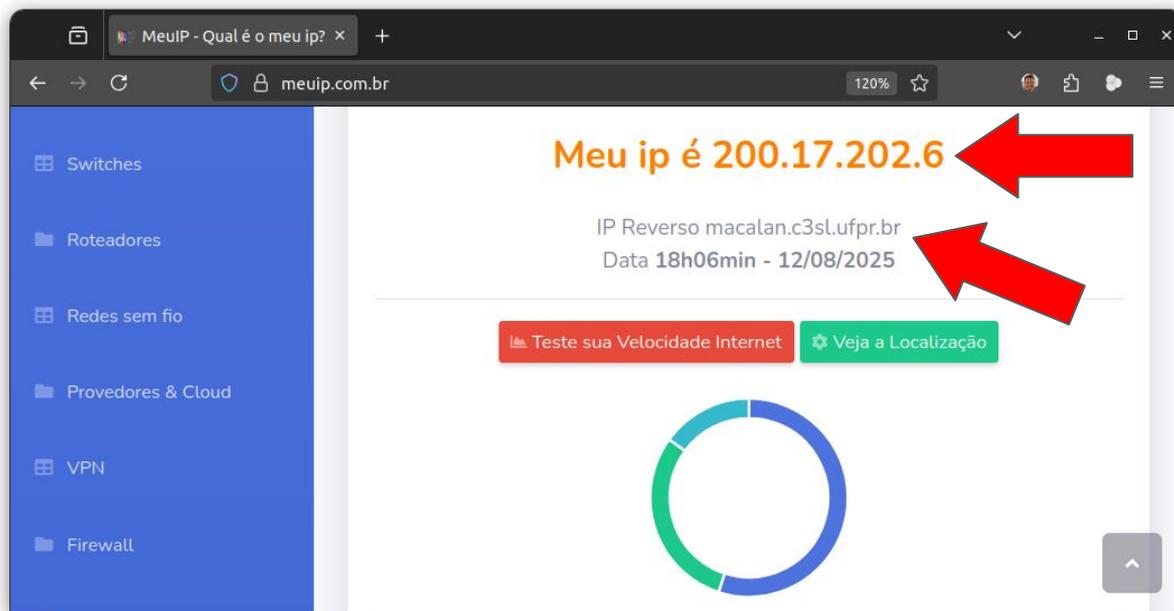
Túnel SSH

- Configuração manual de proxy



Túnel SSH

- Check de sanidade: <https://meuip.com.br>



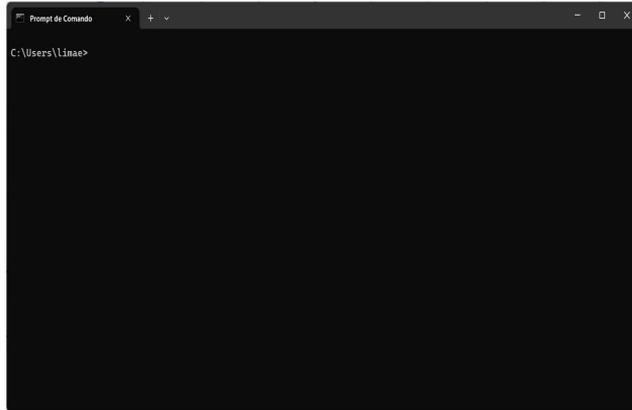
The screenshot shows a web browser window with the URL meuip.com.br. The main content area displays the following information:

- Meu ip é 200.17.202.6** (highlighted with a red arrow)
- IP Reverso macalan.c3sl.ufpr.br
- Data 18h06min - 12/08/2025 (highlighted with a red arrow)

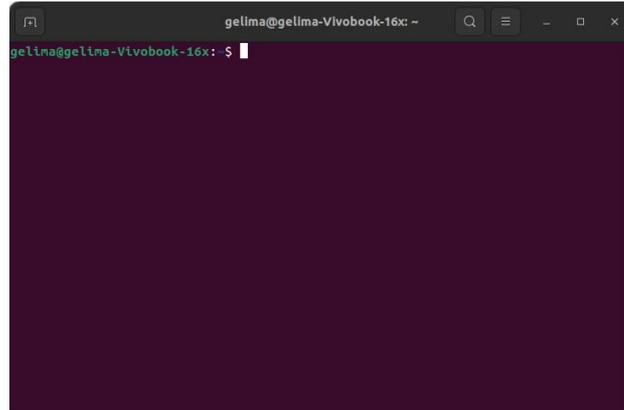
Below this information, there are two buttons: "Teste sua Velocidade Internet" (red) and "Veja a Localização" (green). At the bottom, there is a circular progress indicator with green and blue segments.

Primeiro login & passwd

- Iremos acessar o servidor **macalan** usando o protocolo SSH
 - No Linux, abra uma janela de **terminal**
 - No Windows abra o **prompt de comando**



Prompt de Comando (Windows)



Terminal (Linux)

Primeiro login & passwd

- Por padrão, ambos os sistemas Linux e Windows* possuem um cliente SSH, disponibilizado pela ferramenta [OpenSSH](#)
- O comando **ssh -V** exibe a versão do cliente SSH instalada
 - Se a ferramenta estiver instalada, será exibida informações como:
 - OpenSSH_for_Windows_9.5p1, LibreSSL 3.8.2 (Windows)
 - OpenSSH_8.9p1 Ubuntu-3ubuntu0.13, OpenSSL 3.0.2 15 Mar 2022 (Linux)
- Caso o comando retorne algum erro, possivelmente será necessário instalar uma ferramenta com suporte ao protocolo SSH

*Desde a atualização do Windows 10 (Windows 10 Fall Creators Update), a ferramenta Cliente OpenSSH já vem instalada por padrão

Primeiro login & passwd

- Instalando OpenSSH no Linux (recomendado)
 - Em um terminal, digite os comandos:
 - `sudo apt update`
 - `sudo apt upgrade` (opcional)
 - `sudo apt install openssh-client`
- Instalando OpenSSH no Windows (recomendado)
 - Abra as configurações e pesquise pelo menu de **Recursos Adicionais**
 - Clique em **Adicionar recurso opcional**
 - Pesquise e instale o recurso nomeado **Cliente OpenSSH**
- Você pode alternativamente instalar a ferramenta [PuTTY](#)
 - Todavia, os slides não foram preparados para usar esta ferramenta!

Primeiro login & passwd

- `ssh <user>@macalan.c3sl.ufpr.br`
 - <user>: as iniciais do nome do aluno + dois últimos dígitos do ano de matrícula (graduação)
 - <user>: as iniciais do nome do aluno + sobrenome (pós-graduação)
 - *Fulano Beltrano da Silva (ingresso em 2025): fbs25 (grad.) fbsilva (pós-grad.)*
- Ao efetuar o login pela primeira vez, aparecerá a mensagem:

The authenticity of host 'macalan.c3sl.ufpr.br (200.17.202.6)' can't be established.
ECDSA key fingerprint is SHA256:DPicGqSloWJ6X0T6PnKmKrS5GyDzkXZyGnNx8P88U/w.
Are you sure you want to continue connecting (yes/no)?

- Responda “yes” e digite sua senha
 - A senha inicial deve ser retirada na secretaria ao iniciar o 1º semestre letivo

Primeiro login & passwd

- Após o primeiro acesso, mude sua senha com o comando *passwd*
 - Ao digitar senhas no terminal de sistema Linux, os caracteres são ocultos e o cursor não se moverá. Isto é uma medida de segurança para os usuários.



```
gelima@macalan: ~  
gelima@dinf-vri-02-OptiPlex-3000:~$ ssh gelima@macalan.c3sl.ufpr.br  
Linux macalan 6.1.0-37-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.1.140-1 (2025-05-22) x86_64  
  
M A C A L A N  
  
**Esta máquina deve ser usada apenas para acessar outras máquinas**  
  
Existem limites rígidos de processos, memória e arquivos abertos.  
Ou seja, muitos programas **não irão funcionar direito**.  
  
Máquinas disponíveis para uso via ssh:  
- Virtuais cpu1 (32c, 64GB RAM) e cpu2 (16c, 64GB RAM)  
- Máquina orval (16c, 72GB RAM, 2xGTX 750 Ti)  
  
Normas de uso, tutoriais e suporte em https://suporte.inf.ufpr.br.  
Last login: Fri Aug 29 10:20:23 2025 from 10.254.226.215  
gelima@macalan:~$ passwd  
Current Kerberos password:  
Enter new Kerberos password:  
Retype new Kerberos password:  
passwd: senha atualizada com sucesso  
gelima@macalan:~$
```

Logging sem password

- Crie um par de chaves pública/privada usando *ssh-keygen*
 - Será solicitado um caminho de arquivo para salvar as chaves
 - Você pode utilizar o caminho padrão
 - `"/home/<user>/.ssh/id_rsa"` (Linux)
 - `"C:\Users\<user>\.ssh\id_ed25519"` (Windows)
 - Você pode definir uma senha para criptografar sua chave privada (opcional)
- Como resultado, são criados dois arquivos
 - sua chave pública (arquivo .pub) e sua chave privada (arquivo sem extensão)

```
Your identification has been saved in /home/username/.ssh/id_rsa.  
Your public key has been saved in /home/username/.ssh/id_rsa.pub.  
The key fingerprint is:  
SHA256:CAjsV9M/tt5skazroTc1ZRGCBz+kGtYUIPhRvvZJYBs username@hostname  
[...]
```

Logging sem password

- Copie sua chave pública para o servidor
 - Se disponível, utilize o comando **ssh-copy-id**
 - `ssh-copy-id <user>@macalan.c3sl.ufpr.br`
 - Digite a senha de acesso a macalan
 - A mensagem abaixo confirma que sua chave foi copiada:

Number of key(s) added: 1

Now try logging into the machine, with: "ssh <user>@macalan.c3sl.ufpr.br"
and check to make sure that only the key(s) you wanted were added.

- Sua chave pública será armazenada em `"/home/<user>/.ssh/authorized_keys"`

- Pronto, agora você pode fazer o login sem *password*!
 - `ssh <user>@macalan.c3sl.ufpr.br'`

Logging sem password

- Copie sua chave pública para o servidor
 - Alternativamente, copie a chave pública para o servidor manualmente
 - `cat ~/.ssh/id_rsa.pub` (Linux)
 - `type C:\Users\limae\.ssh\id_ed25519.pub` (Windows)
 - Copie sua chave pública — ela será similar aos exemplos:

sha-rsa

```
AAAAB3NzaC1yc2EAAAADAQABAAQCAQCqql6MzstZYh1TmWWv11q5O3pISj2ZFI9HgH1JLknLLx44+tH7U/ASsmY09  
5ywPsBo1XQ9PqhnN1/YOorJ068foQDNVpm146mUpILVxmq41Cj55YKHEazXGsdBlbXWocrRf4G2fJLRcGUr9q8/IERo9  
oxRm5JFX6TCmj6kmiFqv+Ow9gl0x8GvaQ==
```

sha-ed25519

```
AAAAB3NzaC1yc2EAAAADAQABAAQCAQCqql6MzstZYh1TmWWv11q5O3pISj2ZFI9HgH1JLknLLx44+tH7U/ASsmY09  
5ywPsBo1XQ9PqhnN1/YOorJ068foQDNVpm146mUpILVxmq41Cj55YKHEazXGsdBlbXWocrRf4G2fJLRcGUr9q8/IERo9  
oxRm5JFX6TCmj6kmiFqv+Ow9gl0x8GvaQ==
```

- `ssh <user>@macalan.c3sl.ufpr.br`
- `mkdir -p ~/.ssh`
- `echo "chave publica" >> ~/.ssh/authorized_keys`

Logging sem password

- Copie sua chave pública para o servidor

- O mesmo resultado pode ser obtido em uma única linha de comando:

- `cat ~/.ssh/id_rsa.pub | ssh <user>@macalan.c3sl.ufpr.br "mkdir -p ~/.ssh && cat >> ~/.ssh/authorized_keys"` (Linux)

- `type C:\Users\<usuário>\.ssh\id_ed25519.pub | ssh <user>@macalan.c3sl.ufpr.br "mkdir -p ~/.ssh && cat >> ~/.ssh/authorized_keys"` (Windows)

- Pronto, agora você pode fazer o login sem *password!*

- `ssh <user>@macalan.c3sl.ufpr.br`

Plataformas

Plataformas

-  Bibliotecas Digitais de Sociedades Científicas
 - [ACM Digital Library](https://dl.acm.org) - <https://dl.acm.org>
 - [IEEE Xplore](https://ieeexplore.ieee.org) - <https://ieeexplore.ieee.org>
 - [SBC OpenLib \(SOL\)](https://sol.sbc.org.br/index.php/indice) - <https://sol.sbc.org.br/index.php/indice>
 - [INPE](http://bibdigital.sid.inpe.br/) - <http://bibdigital.sid.inpe.br/>

-  Editoras
 - [Science Direct](https://www.sciencedirect.com) (Elsevier) - <https://www.sciencedirect.com>
 - [SpringerLink](https://link.springer.com) - <https://link.springer.com>
 - [Wiley Online Library](https://onlinelibrary.wiley.com) - <https://onlinelibrary.wiley.com>

Plataformas

-  Portais de Acesso Aberto e Pré-publicações
 - [arXiv](https://arxiv.org) - <https://arxiv.org>
 - [HAL](https://hal.archives-ouvertes.fr/) - <https://hal.archives-ouvertes.fr/>
 - [SciELO \(preprints\)](https://preprints.scielo.org/index.php/scielo) - <https://preprints.scielo.org/index.php/scielo>
 - [Zenodo](https://zenodo.org/) - <https://zenodo.org/>

-  Motores de busca acadêmicos
 - [Dimensions](https://www.dimensions.ai/) - <https://www.dimensions.ai/>
 - [Google Scholar](https://scholar.google.com/) - <https://scholar.google.com/>
 - [Semantic Scholar](https://www.semanticscholar.org/) - <https://www.semanticscholar.org/>

Plataformas

-  Plataformas de Indexação & Análise Bibliométrica
 - [Web Of Science](https://www.webofscience.com/wos) - <https://www.webofscience.com/wos>
 - [Scopus](https://www.scopus.com/) - <https://www.scopus.com/>
 - [DBLP](https://dblp.org/) (*computer science*) - <https://dblp.org/>
 - [PubMed](https://pubmed.ncbi.nlm.nih.gov/) (*biomedical*) - <https://pubmed.ncbi.nlm.nih.gov/>
 - [SciELO](https://www.scielo.org/) (revistas-BR) - <https://www.scielo.org/>
-  Rankings e Indicadores Bibliométricos
 - [Google Scholar](https://scholar.google.com/citations?view_op=metrics_intro) (H-index) - https://scholar.google.com/citations?view_op=metrics_intro
 - [SCImago](https://www.scimagojr.com/) (SCR) - <https://www.scimagojr.com/>
 - [Web Of Science](https://www.webofscience.com/wos) (JCR) - <https://www.webofscience.com/wos>

Plataformas

-  Rede Social Acadêmica
 - [ResearchGate](https://www.researchgate.net/) - <https://www.researchgate.net/>
-  Identificadores e Perfis de Pesquisador
 - [ORCID](https://orcid.org/) (registre-se) - <https://orcid.org/>
-  Teses e Dissertações
 - [BDTD](https://bdtd.ibict.br/vufind/) - <https://bdtd.ibict.br/vufind/>

Plataformas - IEEE xplora

The screenshot shows the IEEE Xplore website interface. At the top, there is a navigation bar with links for 'IEEE.org', 'IEEE Xplore', 'IEEE SA', 'IEEE Spectrum', and 'More Sites'. On the right side of this bar are links for 'Donate', 'Cart', 'Create Account', and 'Personal Sign In'. Below this is a dark blue header area containing the 'IEEE Xplore' logo, navigation options like 'Browse', 'My Settings', and 'Help', and a user access box. The user access box displays 'Access provided by: UNIVERSIDADE FEDERAL DO PARANA' and a 'Sign Out' button. A red arrow points to the 'Sign Out' button. Below the header is a search bar with a dropdown menu set to 'All' and a search icon. The main content area shows the breadcrumb 'Journals & Magazines > IEEE Transactions on Consumer... > Volume: 53 Issue: 3' and the title 'Multi-Histogram Equalization Methods for Contrast Enhancement and Brightness Preserving'. Below the title are buttons for 'Cite This' and 'PDF'. The authors listed are 'David Menotti ; Laurent Najman ; Jacques Facon ; Arnaldo De A. Araujo' with a link to 'All Authors'. There are three statistics boxes: '170 Cites in Papers', '5 Cites in Patents', and '1831 Full Text Views'. To the right, there is a blue banner for 'Atenção Autores do Brasil' with a list of benefits and a 'Saiba Mais' button. At the bottom left, there is an 'Abstract' section with a 'document Sections' icon. At the bottom right, there is a 'More Like This' section and a 'Feedback' button. The IEEE logo is visible in the bottom right corner.

Plataformas - SBC OpenLib (SOL)

The screenshot shows a web browser window displaying the SBC OpenLib (SOL) website. The browser's address bar shows the URL: `sol.sbc.org.br/index.php/sibgrapi_estendido/article/view/31656`. The page features the SBC OpenLib logo at the top left, which consists of a stylized sun icon and the text 'SBC OPEN LIB'. Below the logo, the text 'ANAIS ESTENDIDOS DA CONFERENCE ON GRAPHICS, PATTERNS AND IMAGES (SIBGRAPI)' is displayed. A navigation menu includes 'SOL', 'TODAS AS EDIÇÕES', 'SOBRE O EVENTO', and 'EXPEDIENTE', along with a search icon and the word 'BUSCAR'. The main content area shows the article title 'Improving Vehicle Identification Through Advanced Fine-Grained Vehicle Classification' and the author 'Gabriel E. Lima' from UFPR. A 'PDF (ENGLISH)' button is visible. The publication date is listed as '30/09/2024'. On the right side, there is an 'IDIOMA' section with options for 'Português (Brasil)' and 'English'. The bottom right corner of the page features the logo of the 'PR' (Paraná) state, with the text 'PR' and 'PARANÁ' below it.

Plataformas - ScienceDirect (Elsevier)

The screenshot displays the ScienceDirect website interface. At the top, the browser address bar shows the URL: [sciencedirect.com/science/article/pii/S0097849323000602?via%3Dihub](https://www.sciencedirect.com/science/article/pii/S0097849323000602?via%3Dihub). The ScienceDirect logo is on the left, and navigation links for 'Journals & Books', 'Help', 'Search', 'My account', and 'You have institutional Access via Federal University of Parana' are on the right. Below the navigation bar, there are buttons for 'View PDF' and 'Download full issue'. The main content area features the journal title 'Computers & Graphics' (Volume 113, June 2023, Pages 69-76) and the article title 'Super-resolution of license plate images using attention modules and sub-pixel convolution layers'. The authors listed are Valfride Nascimento, Rayson Laroca, Jorge de A. Lambert, William Robson Schwartz, and David Menotti. A 'Get citation' button is visible at the bottom left. On the right side, there are sections for 'Part of special issue' (SIBGRAPI 2022 – 35th Conference on Graphics, Patterns and Images) and 'Recommended articles' (Towards a robust and portable pipeline for quad meshing: Topological...). A 'FEEDBACK' button is at the bottom right.

Super-resolution of license plate images using attention modules and sub-pixel convolution layers

Computers & Graphics
Volume 113, June 2023, Pages 69-76

Special Section on VC:SIBGRAPI

Valfride Nascimento ^a, Rayson Laroca ^a, Jorge de A. Lambert ^b, William Robson Schwartz ^c, David Menotti ^a

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<https://doi.org/10.1016/j.cag.2023.05.005>

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Part of special issue

SIBGRAPI 2022 – 35th Conference on Graphics, Patterns and Images

Edited by Antonio Apolinário Jr., Fabio Miranda

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Recommended articles

Towards a robust and portable pipeline for quad meshing: Topological...

Computers & Graphics, Volume 112, 2023, pp. 50-59

Marco Livesu

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Omnidirectional visual computing: Foundations, challenges, and applications

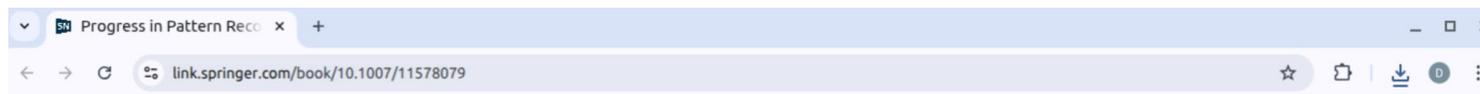
Computers & Graphics, Volume 113, 2023, pp. 89-101

Thiago L.T. da Silveira, Cláudio R. Jung

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Progress in Pattern Recognition, Image Analysis and Applications

10th Iberoamerican Congress on Pattern Recognition, CIARP 2005, Havana, Cuba, November 15-18, 2005, Proceedings

Conference proceedings | © 2005

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Plataformas - [Wiley](#)

IET An efficient and layout-independent automatic license plate recognition system based on the YOLO detector

ietresearch.onlinelibrary.wiley.com/doi/10.1049/itr2.12030

IET The Institution of Engineering and Technology

UFR - Universidade Federal do Parana

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IET Intelligent Transport Systems

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An efficient and layout-independent automatic license plate recognition system based on the YOLO detector

Rayson Laroça, Luiz A. Zanlorensi, Gabriel R. Gonçalves, Eduardo Todt, William Robson Schwartz, David Menotti

First published: 21 February 2021 | <https://doi.org/10.1049/itr2.12030> | Citations: 107

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IET Intelligent Transport Systems

Volume 15, Issue 4
April 2021
Pages 483-503
This article also appears in:
Transport Engineering

Citation Statements beta

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Plataformas - ACM Digital Library

The screenshot displays the ACM Digital Library website interface. The browser address bar shows the URL `dl.acm.org/doi/10.1145/1774088.1774286`. The page header includes the ACM Digital Library logo, the Association for Computing Machinery logo, and the text "Universidade Federal do Parana (UFPR)". Navigation links for "Browse", "About", "Sign in", and "Register" are present. A search bar is labeled "Search ACM Digital Library".

The main content area shows the breadcrumb trail: `Home > Conferences > SAC > Proceedings > SAC '10 > A new methodology for photometric validation in vehicles visual interactive systems`. The article is identified as a "RESEARCH-ARTICLE" and has social media sharing icons for X, LinkedIn, Facebook, and Email. The title is "A new methodology for photometric validation in vehicles visual interactive systems".

The authors listed are Alexandre W. C. Faria, David Menotti, Daniel S. D. Lara, Gisele L. Pappa, and Arnaldo A. Araujo, with a link for "Authors Info & Claims". The article is from "SAC '10: Proceedings of the 2010 ACM Symposium on Applied Computing", pages 948-953, with the DOI `https://doi.org/10.1145/1774088.1774286`.

It was published on 22 March 2010, and there is a "Check for updates" button. The article has 0 citations and 96 views. A "Get Access" button is visible. A vertical "Feedback" button is on the right side of the page.

At the bottom, there is a "PDF" button, a "Help" button, and a logo for "PR" (Parana) with the text "UNIVERSIDADE FEDERAL DO PARANA".

Plataformas - [arXiv](https://arxiv.org)

The screenshot shows a web browser displaying the arXiv page for the paper "Dense Video Captioning Using Unsupervised Semantic Information". The browser's address bar shows the URL "arxiv.org/abs/2112.08455". The page header includes the Cornell University logo and a "Donate" button. The navigation bar shows the breadcrumb "arXiv > cs > arXiv:2112.08455" and a search bar. The main content area features the paper title, authors (Valter Estevam, Rayson Laroca, Helio Pedrini, David Menotti), and a short abstract. On the right side, there are links to "Access Paper" (View PDF, HTML, TeX Source, Other Formats) and a "Current browse context" section. At the bottom, there are sections for "References & Citations", "DBLP - CS Bibliography", and "Export BibTeX Citation". A "Bookmark" button is also visible. The footer of the page includes the logo of the Federal do Paraná.

Cornell University

We gratefully acknowledge support from the Simons Foundation, member institutions, and all contributors. [Donate](#)

arXiv > cs > arXiv:2112.08455

Search... All fields Search

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Computer Science > Computer Vision and Pattern Recognition

[Submitted on 15 Dec 2021 (v1), last revised 6 Jan 2025 (this version, v2)]

Dense Video Captioning Using Unsupervised Semantic Information

Valter Estevam, Rayson Laroca, Helio Pedrini, David Menotti

We introduce a method to learn unsupervised semantic visual information based on the premise that complex events can be decomposed into simpler events and that these simple events are shared across several complex events. We first employ a clustering method to group representations producing a visual codebook. Then, we learn a dense representation by encoding the co-occurrence probability matrix for the codebook entries. This representation leverages the performance of the dense video captioning task in a scenario with only visual features. For example, we replace the audio signal in the BMT method and produce temporal proposals with comparable performance. Furthermore, we concatenate the visual representation with our descriptor in a vanilla transformer method to achieve state-of-the-art performance in the captioning subtask compared to the methods that explore only visual features, as well as a competitive performance with multi-modal methods. Our code is available at [this https URL](#).

Comments: Published at Journal of Visual Communication and Image Representation

Subjects: **Computer Vision and Pattern Recognition (cs.CV)**

Cite as: [arXiv:2112.08455](https://arxiv.org/abs/2112.08455) [cs.CV]
(or [arXiv:2112.08455v2](https://arxiv.org/abs/2112.08455v2) [cs.CV] for this version)
<https://doi.org/10.48550/arXiv.2112.08455>

Related DOI: <https://doi.org/10.1016/j.jvcir.2024.104385>

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Plataformas - HAL

The screenshot shows a web browser window with the URL `theses.hal.science/tel-00470545`. The page header includes the text "HAL Portal theses" and a search bar with the placeholder "Search document, author, keyword...". An orange "+ Upload" button is located in the top right corner. The main banner features the HAL theses logo, which consists of an orange circular icon with curved lines, followed by the text "HAL theses" and "thèses en ligne" below it. A decorative graphic of blue curved lines is on the right side of the banner. A dark blue navigation bar at the bottom of the banner contains the links "Homepage", "Browse", and "HAL documentation".

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Theses Year : 2008

Dates and versions

tel-00470545 , version 1 (06-04-2010)

Contrast enhancement in digital imaging using histogram equalization

en fr

David Menotti Gomes (1)

Plataformas - Zenodo

The screenshot shows a web browser window displaying a Zenodo record. The browser's address bar shows the URL `zenodo.org/records/8125737`. The Zenodo header is blue with the logo on the left, a search bar, and navigation links for 'Communities' and 'My dashboard'. On the right of the header are 'Log in' and 'Sign up' buttons. The main content area has a dark blue background for the title and authors. The title is 'Data and code of SIRDS model for Covid-19 in Brazil' and the authors are Hélder Seixas Lima, Unaí Tupinambás, and Frederico Gadelha Guimarães. Below the title is a description: 'Repository for code and data of project that implement SIRDS model for the first four Covid-19 waves.' To the right of the title are statistics: 29 Views and 9 Downloads. Below the statistics is a 'Show more details' link. The 'Files' section shows a list of files, with the main file 'helderseixas/SIRDS-Covid-Brazil-v1.0.0.zip' highlighted. The file list includes a sub-directory 'helderseixas-SIRDS-Covid-Brazil-230f1ae' and several files: '.gitignore' (30 Bytes), '01_covid_data_preparation.ipynb' (91.1 kB), '02_mobility_data_preparation.ipynb' (2.5 kB), '03_plot_covid_charts.ipynb' (186.2 kB), and '04_plot_mobility_chart.ipynb' (70.4 kB). On the right side of the page, there is a 'Versions' section showing 'Version v1.0.0' published on Jul 7, 2023, with the DOI `10.5281/zenodo.8125737`. Below this is a text block explaining how to cite all versions using the DOI. At the bottom right, there is an 'External resources' section with a link to the project on Zenodo. The footer of the page features the logo of the Federal do Paraná (PR) and the page number 34.

Data and code of SIRDS model for Covid-19 in Brazil

Hélder Seixas Lima; Unaí Tupinambás; Frederico Gadelha Guimarães

Repository for code and data of project that implement SIRDS model for the first four Covid-19 waves.

Files

- helderseixas/SIRDS-Covid-Brazil-v1.0.0.zip
 - helderseixas-SIRDS-Covid-Brazil-230f1ae
 - .gitignore 30 Bytes
 - 01_covid_data_preparation.ipynb 91.1 kB
 - 02_mobility_data_preparation.ipynb 2.5 kB
 - 03_plot_covid_charts.ipynb 186.2 kB
 - 04_plot_mobility_chart.ipynb 70.4 kB

29 VIEWS 9 DOWNLOADS

Version v1.0.0 Jul 7, 2023

10.5281/zenodo.8125737

Cite all versions? You can cite all versions by using the DOI 10.5281/zenodo.8125736. This DOI represents all versions, and will always resolve to the latest one. Read more.

External resources

Available in

helderseixas/SIRDS-Covid-Brazil Release: v1.0.0

Indexed in

PR FEDERAL DO PARANÁ

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Plataformas - DBLP

The screenshot shows a web browser window with the title "dblp: Eduardo C. de Almeida - Chromium". The address bar shows "dblp.org/pid/53/2190.html". The page features a navigation menu with "DBLP", "BROWSE", "SEARCH", "ABOUT", and "NFDI". A prominent yellow banner contains a message from the dblp team regarding support and error correction requests. Below this is a grey banner with a "Joint Declaration" about the freedom of science. The main content area includes the dblp logo, a search bar, and the profile header for "Eduardo C. de Almeida". The profile information section is expanded, showing the user's affiliation with the Federal University of Paraná (UFPR). The page also includes a sidebar with a vertical navigation menu and a footer with social media links and a list of coauthors.

dblp: Eduardo C. de Almeida - Chromium

dblp: Eduardo C. de Almeida x +

dblp.org/pid/53/2190.html

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For some months now, the dblp team has been receiving an **exceptionally high number of support and error correction requests** from the community. While we are grateful and happy to process all incoming emails, please assume that **it will currently take us several weeks, if not months**, to read and address your request. Most importantly, **please refrain from sending your request multiple times**. This will not advance your issue and will only complicate and extend the time required to address it. Thank you for your understanding.

Joint Declaration: **The freedom of science is at the heart of liberal, democratic societies.** Without this freedom, it is impossible for scientific efforts to be geared toward gaining knowledge and facts. It is therefore extremely worrying that the scientific freedom is coming under increasing pressure in various regions of the world. (read more)

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computer science bibliography

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Eduardo C. de Almeida
Eduardo Cunha de Almeida

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Person information

- affiliation: Federal University of Paraná (UFPR), Department of Informatics, Curitiba, PR, Brazil

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2024

[c52] Muriki G. Yamanaka, Diogo Henrique de Almeida, Paulo Ricardo Lisboa de Almeida, Simone Dominico, Letícia M.

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Plataformas - SciELO

The image shows a screenshot of the SciELO.org website in a Chromium browser. The browser's address bar shows the URL "SciELO.org". The page features the SciELO logo, which consists of the word "SciELO" in red with a stylized black swoosh above the "i". Below the logo, the text "Scientific Electronic Library Online" is displayed. A search bar is present with the placeholder text "Buscar artigos: Entre uma ou mais palavras" and a magnifying glass icon. Below the search bar, the text "PESQUISA AVANÇADA" is visible. The page has navigation links for "Coleções" and "Periódicos". At the bottom, there are several categories with flags: "PERIÓDICOS" (Africa do Sul, Argentina), "Cuba", "Equador", "Espanha", "Saúde Pública", "Uruguai", "LIVROS" (SciELO Livros), and "EM DESENVOLVIMENTO".

Plataformas - BDTD

The screenshot shows a web browser window with the URL `bdtd.ibict.br/vufind/Record/PUC_PR-29_d7ab23444f46aaa0df78bbe7a9b668c0`. The page header includes the BDTD logo and navigation links: **gov.br**, **COMUNICA BR**, **ACESSO À INFORMAÇÃO**, **PARTICIPE**, **LEGISLAÇÃO**, and **ÓRGÃOS DO GOVERNO**. Below the header is a search bar with the text "Pesquise por teses e dissertações" and a "Buscar" button. The main content area displays the title of the thesis: "Segmentação de envelopes postais para localização do bloco endereço : uma abordagem baseada em seleção de características no espaço wavelet". To the left of the main content, there are buttons for "Citar", "Imprimir", and "Exportar registro". Below these buttons, there is a section titled "Registros relacionados" with three links to related documents. To the right of the main content, there is a table with the following information:

Ano de defesa:	2003
Autor(a) principal:	Menotti, David
Outros Autores:	Facon, Jacques , Borges, Dúbio L. , Britto Júnior, Alceu de Souza , 1965-

At the bottom right of the page, there is a logo for the "PR" (Paraná) state government, featuring a building illustration and the text "PR" and "GOVERNO DO PARANÁ".

Plataformas - Google Scholar (Artigos)

Google Scholar

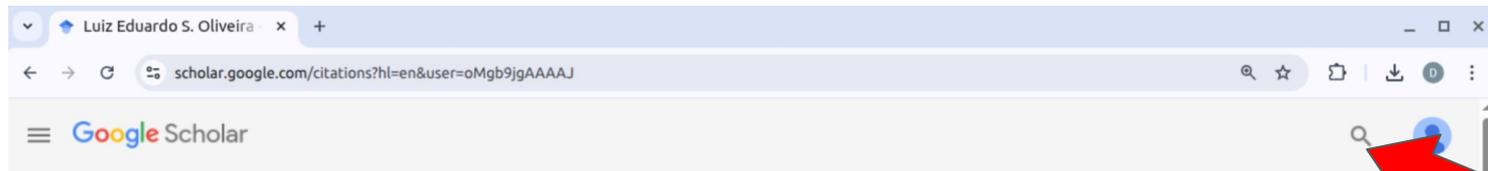
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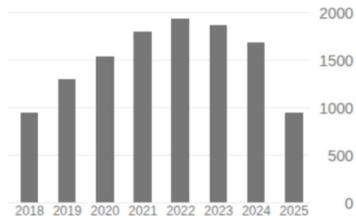
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FA Spanhol, LS Oliveira, C Petitjean, L Heutte
IEEE transactions on biomedical engineering 63 (7), 1455-1462

1915

2015

[Breast cancer histopathological image classification using convolutional neural networks](#)

FA Spanhol, LS Oliveira, C Petitjean, L Heutte
2016 international joint conference on neural networks (IJCNN), 2560-2567

1222

2016

[A robust real-time automatic license plate recognition based on the YOLO detector](#)

R Laroca, E Severo, LA Zanlorensi, LS Oliveira, GR Gonçalves, ...
2018 international joint conference on neural networks (ijcnn), 1-10

733

2018

[Learning features for offline handwritten signature verification using deep convolutional neural networks](#)

LG Hafemann, R Sabourin, LS Oliveira
Pattern Recognition 70, 163-176

451

2017

[Multiple instance learning for histopathological breast cancer image classification](#)

P1 Sudharshan, C Petitjean, E Spanhol, F Spanhol, LF Oliveira, L Heutte, P Honeine

448

2019

Public access

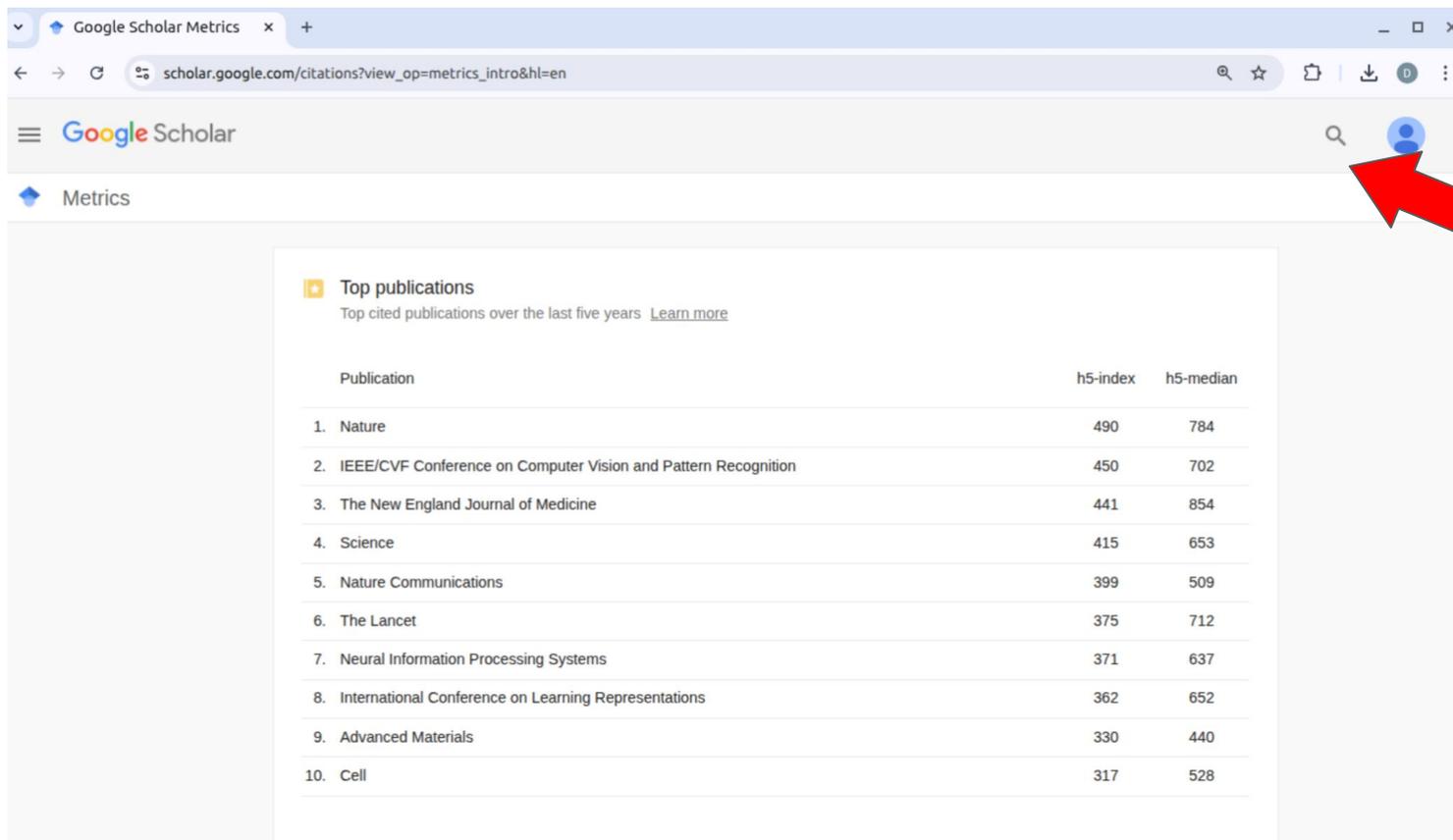
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Plataformas - Google Scholar Metrics (Veículos)



The screenshot shows the Google Scholar Metrics page. The browser address bar displays the URL: scholar.google.com/citations?view_op=metrics_intro&hl=en. The page header includes the Google Scholar logo and a search icon. A red arrow points to the user profile icon in the top right corner. The main content area features a section titled "Top publications" with a subtitle "Top cited publications over the last five years" and a link to "Learn more". Below this is a table listing the top 10 publications with their h5-index and h5-median values.

Publication	h5-index	h5-median
1. Nature	490	784
2. IEEE/CVF Conference on Computer Vision and Pattern Recognition	450	702
3. The New England Journal of Medicine	441	854
4. Science	415	653
5. Nature Communications	399	509
6. The Lancet	375	712
7. Neural Information Processing Systems	371	637
8. International Conference on Learning Representations	362	652
9. Advanced Materials	330	440
10. Cell	317	528



That's all folks

Auxílio:

- Dout. Gabriel E. Lima
- Dout. Bernardo Biesseck