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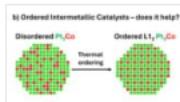
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21 JAN 2026

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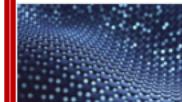


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**Ask me anything: Mažena Mackoit-Sinkevičienė – 'Above all, curiosity drives everything'** 

Mažena Mackoit-Sinkevičienė works in quantum optics and technology and is vice-president of the Lithuanian Physical Society

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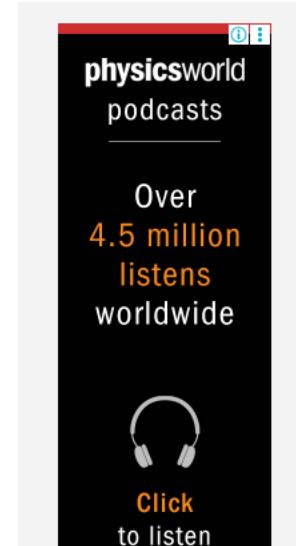
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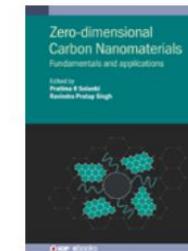
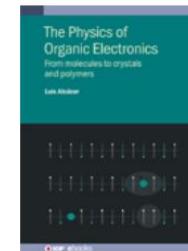
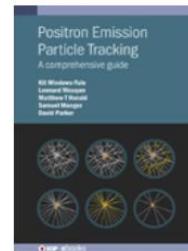
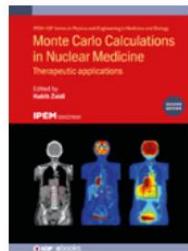
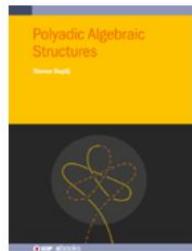
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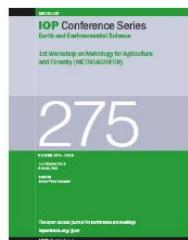
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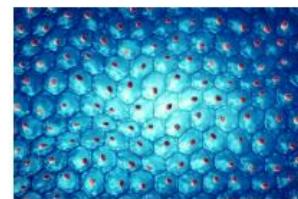
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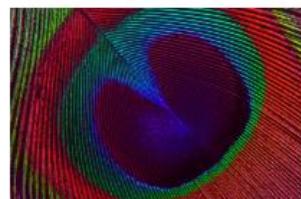
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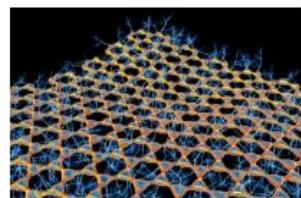
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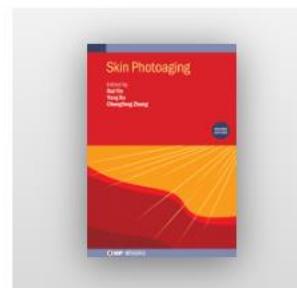
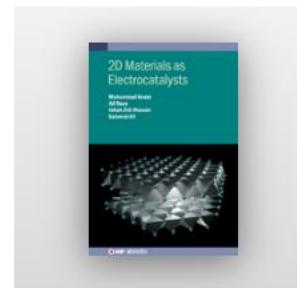
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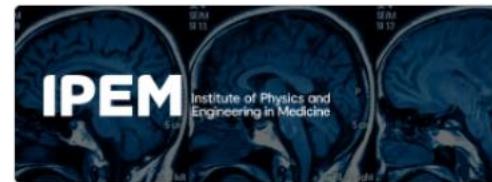
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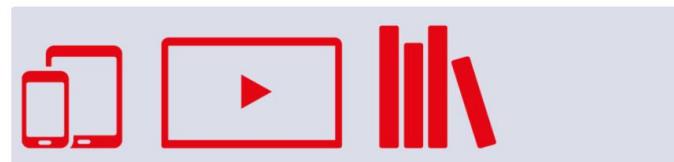
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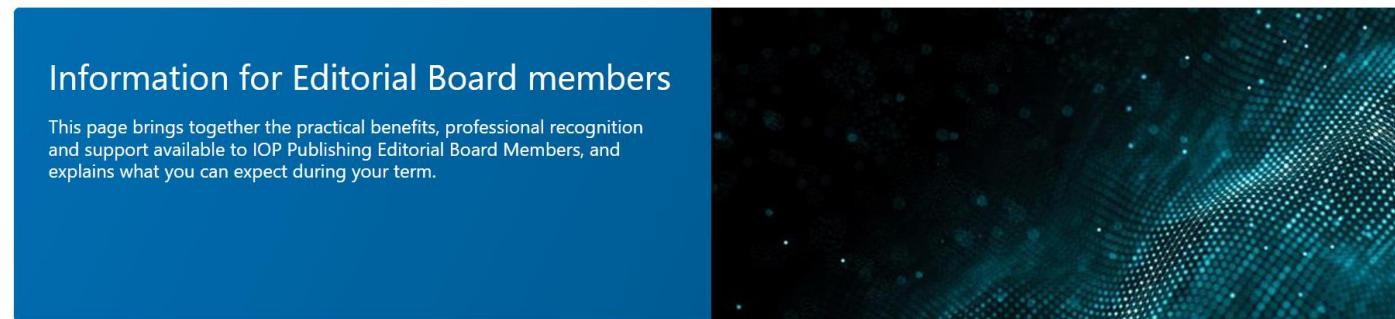
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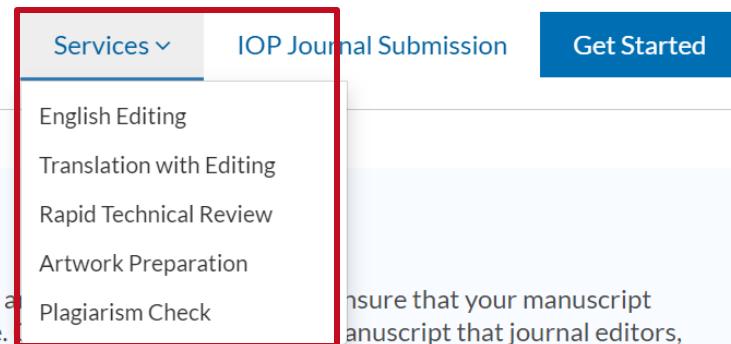


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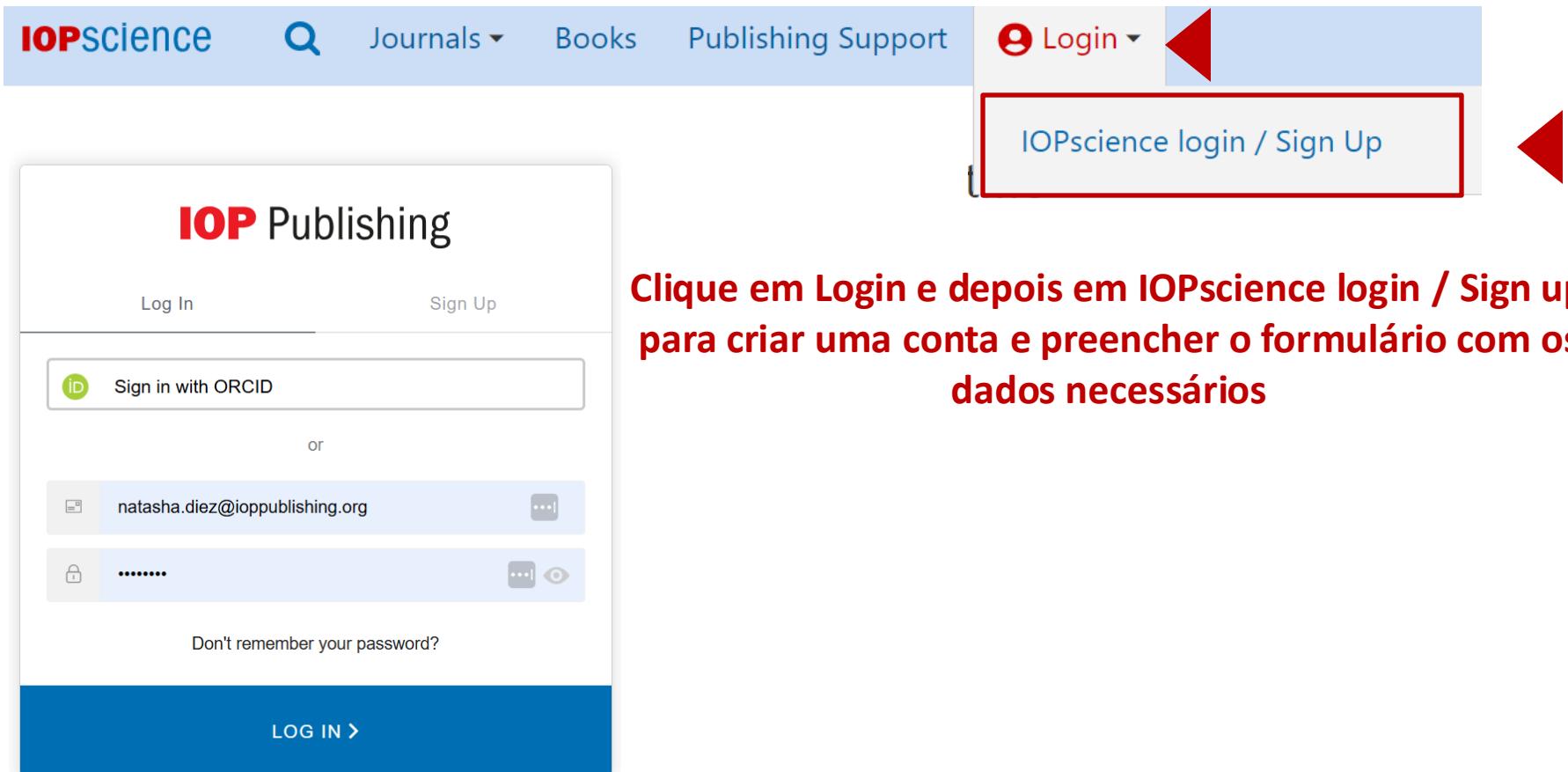
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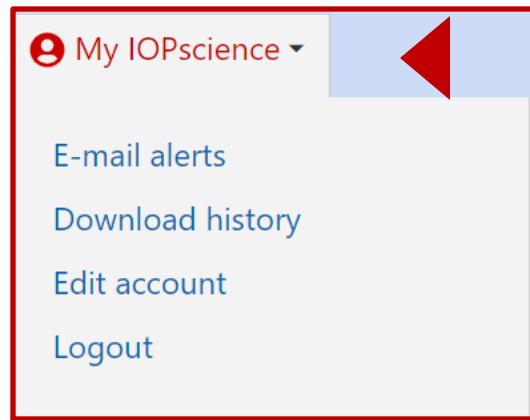
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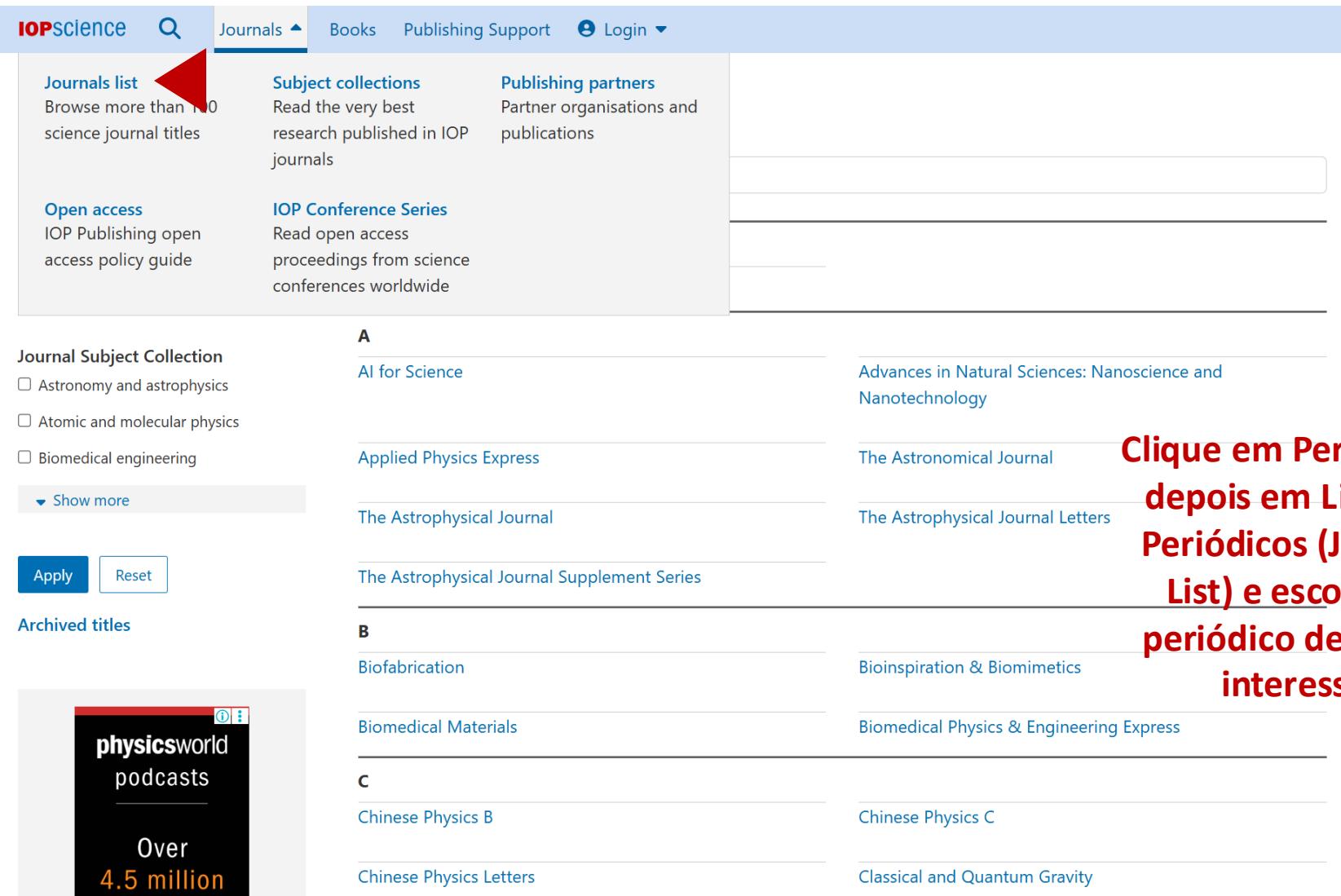
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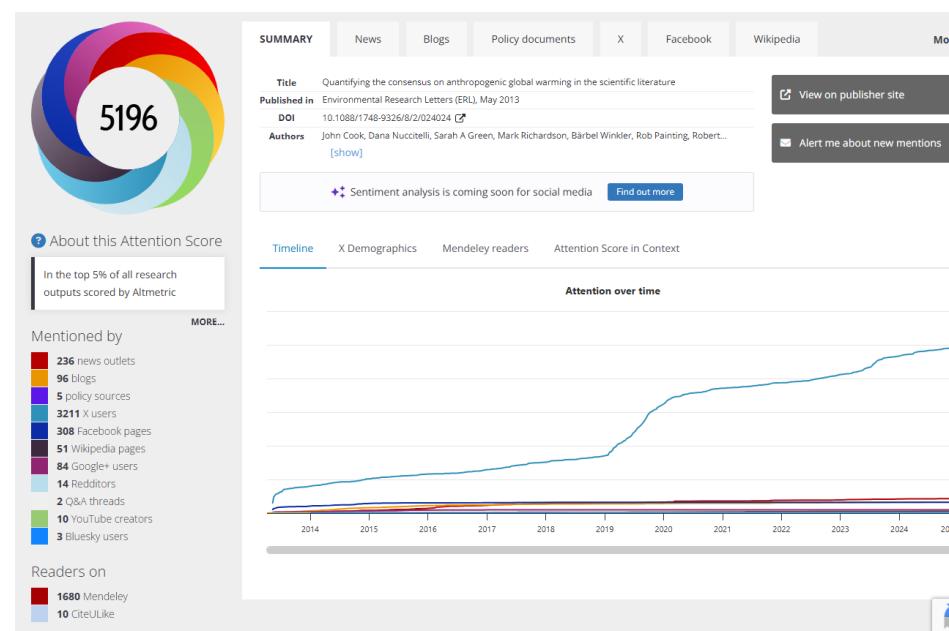
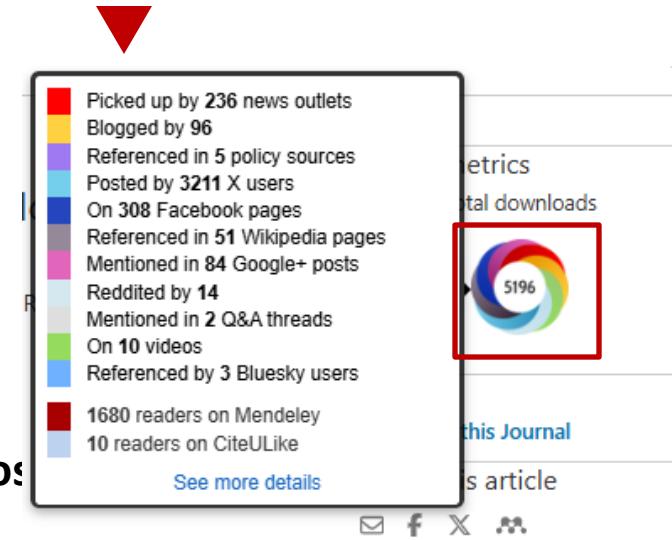
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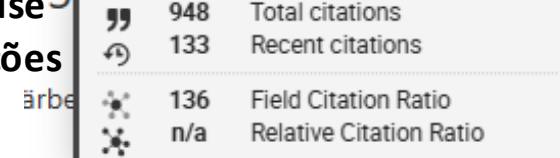
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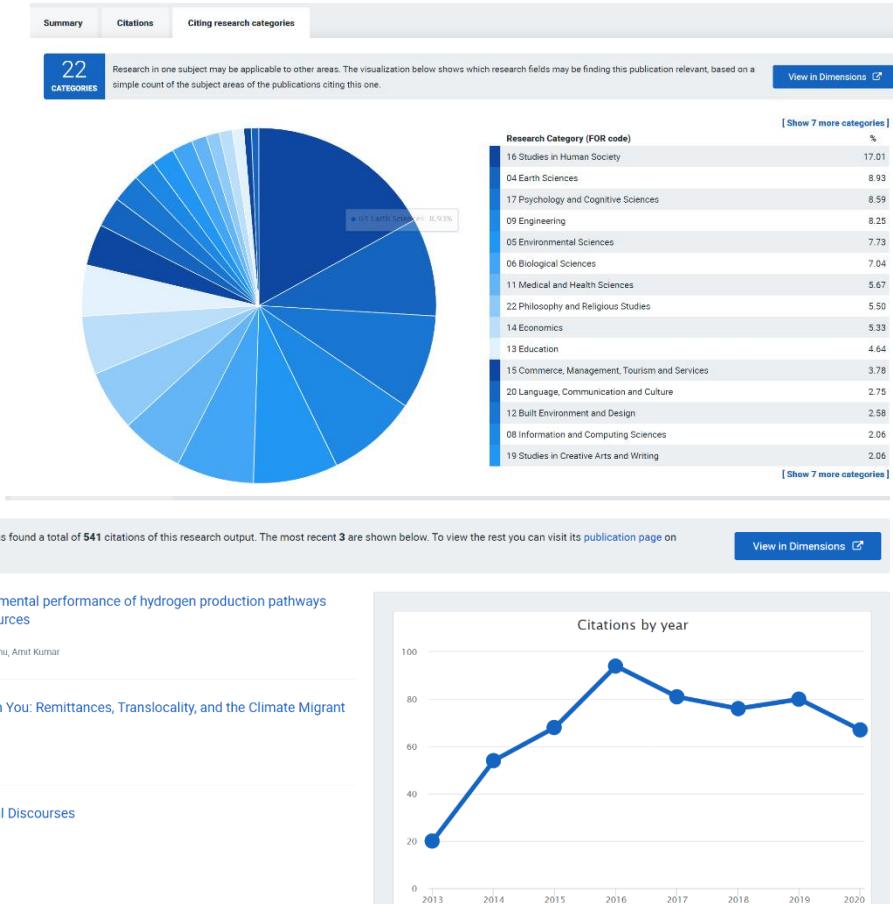
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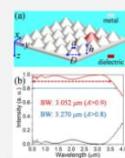


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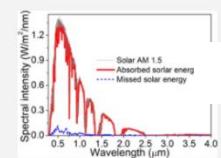


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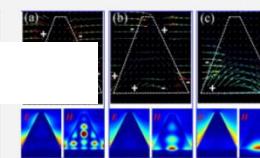


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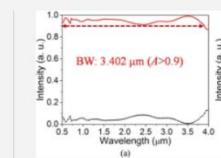
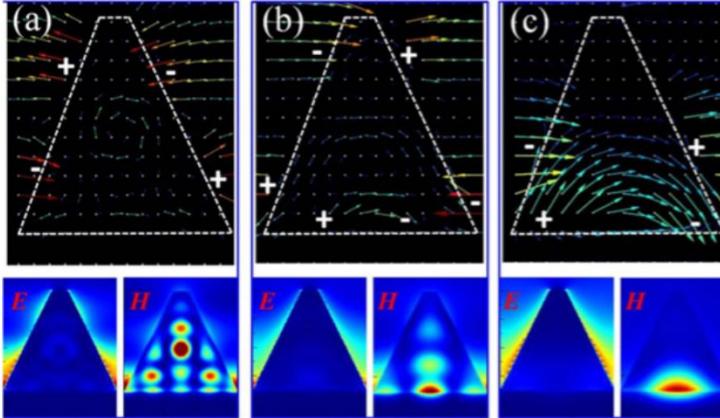


Figure 4.



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Figure 3. (a)–(c) Charge and electromagnetic field distributions of the truncated Ti/Si resonators based WSA at the resonant absorption peaks with the wavelength of  $0.818\text{ }\mu\text{m}$ ,  $1.293\text{ }\mu\text{m}$ ,  $3.020\text{ }\mu\text{m}$ , respectively.

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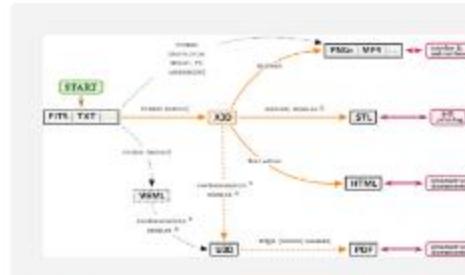


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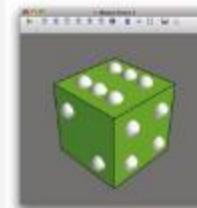


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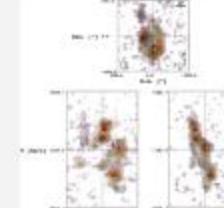


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Figure 4.

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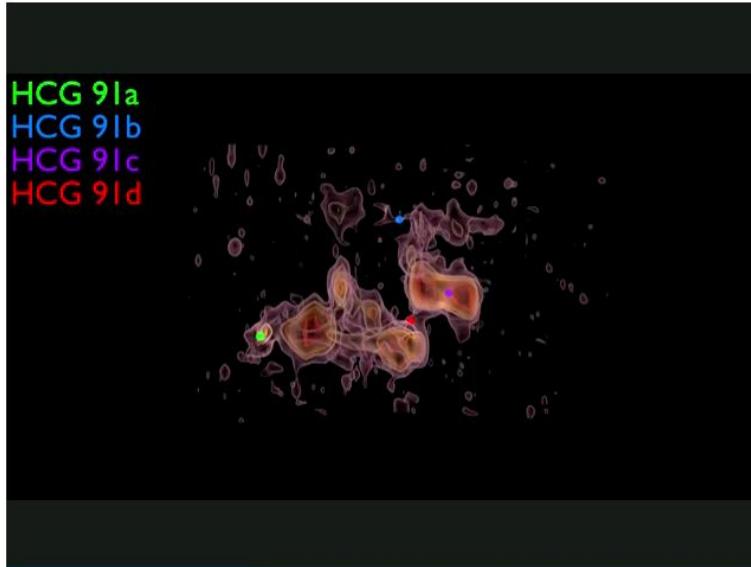


Figure 5.

Final BLENDER rendered view of the H I iso-intensity contours in HCG 91 observed by the VLA (first exported to X3D using MAYAVI) generated using the PYTHON script provided as supplementary material to this article. An [animation](#) of this figure is available.

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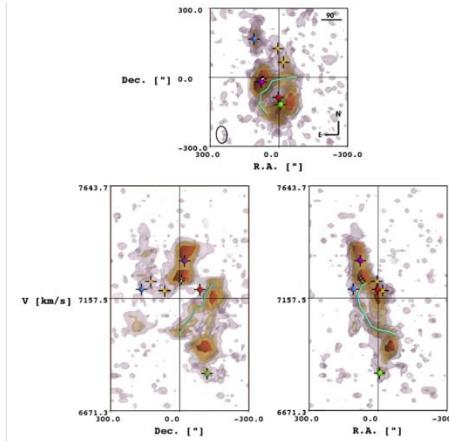


Figure 3. H I gas distribution and kinematics of the compact group of galaxies HCG 91 observed by the VLA. Individual intensity iso-contours at 1.3, 2.5, 3.5, and 6.0 mJy/beam are fitted in 3D inside the datacube before being projected along top-front-side projections. The innermost contour is fully opaque, while the others are set at 80% transparency to enable a see-through effect. The galaxies HCG 91a, b, c, and d are marked with green, blue, purple, and red spheres, respectively. A large tidal tail originating to the southeast of HCG 91a is traced inside the 3D cube with a cyan line, and other elements of interest are marked with white and yellow cubes (see Vogt et al. 2015 for details). In the top panel, the black ellipse traces the beam size and orientation associated with the VLA data. An interactive version of this figure is accessible online as an interactive HTML document.

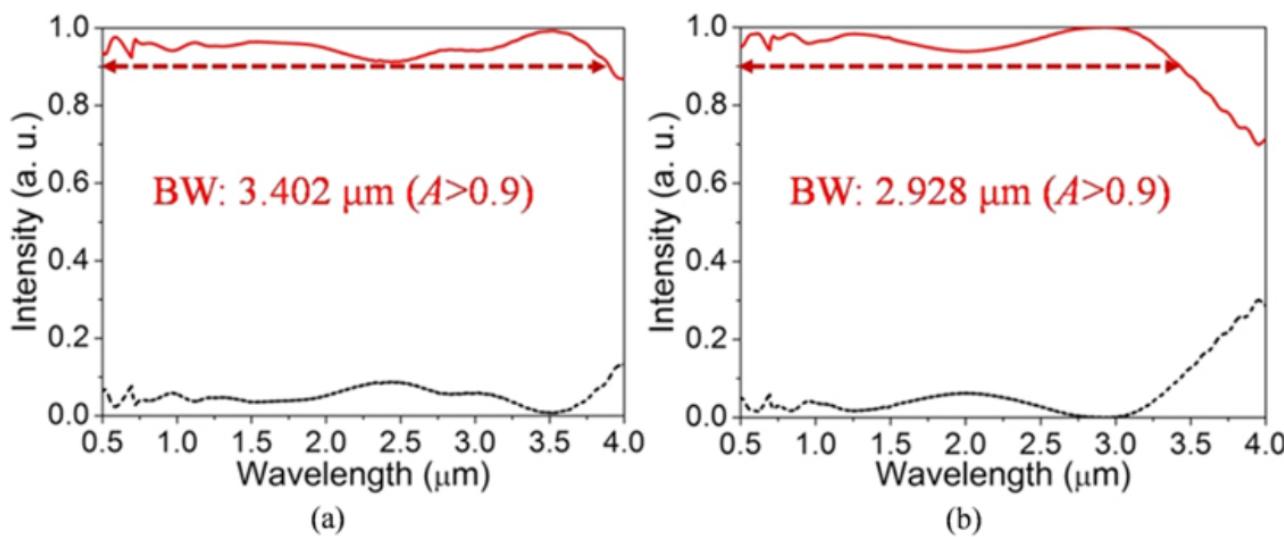
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Figure 4. (a) and (b) Spectral reflection and absorption for the Ti/Ge, Ti/GaAs resonators based WSA, respectively.

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- ↑ Allègre C *et al* 2012 No need to panic about global warming *Wall Street Journal* (<http://online.wsj.com/article/SB10001424052970204301404577171531838421366.html> accessed 14 September 2012)
- ↑ Anderegg W R L, Prall J W, Harold J and Schneider S H 2010 Expert credibility in climate change *Proc. Natl Acad. Sci. USA* **107** 12107–9  
[Crossref](#)
- ↑ Boykoff M T 2007 Flogging a dead norm? Newspaper coverage of anthropogenic climate change in the United States and United Kingdom from 2003 to 2006 *Area* **39** 470–81  
[Crossref](#)
- ↑ Boykoff M T and Boykoff J M 2004 Balance as bias: global warming and the US prestige

# MathJax

$$f(a) = \frac{1}{2\pi i} \oint_{\gamma} \frac{f(z)}{z-a} dz$$

$$H_0 = \sum_{\lambda,i} E_i^\lambda a_{\lambda,i}^\dagger a_{\lambda,i} + \sum_Q \hbar\omega_Q \left( B_Q^\dagger B_Q + \frac{1}{2} \right) \quad (1)$$

as the non-interacting parts of the carrier–photon system, where  $a_{\lambda,i}^\dagger$  and  $a_{\lambda,i}$  are the creation and annihilation operators for electronic states, respectively. The corresponding operators for the photon, with a general mode index  $Q$  and energy  $\hbar\omega_Q$ , are  $B_Q^\dagger$  and  $B_Q$ . The carrier–carrier interaction is given by the Coulomb term

$$H_C = \sum_{\lambda,\lambda'} \sum_{i,j,k,l} V_{i,j;k,l}^{\lambda,\lambda'} a_{\lambda,i}^\dagger a_{\lambda',j}^\dagger a_{\lambda',k} a_{\lambda,l} \quad (2)$$

and the light–matter interaction is given by the dipole Hamiltonian

$$H_D = - \sum_{\lambda} \sum_{Q,i,j} [ F_{\lambda;i,j}^Q B_Q + (F_{\lambda;j,i}^Q)^* B_Q^\dagger ] a_{\lambda,i}^\dagger a_{\lambda,j} \quad (3)$$

The interaction-matrix elements in these are

$$V_{i,j;k,l}^{\lambda,\lambda'} = \frac{e^2}{4\pi\epsilon} \int d^3r d^3r' \frac{\xi_{\lambda,i}^*(\mathbf{r}) \xi_{\lambda',j}^*(\mathbf{r}') \xi_{\lambda',k}(\mathbf{r}') \xi_{\lambda,l}(\mathbf{r})}{|\mathbf{r} - \mathbf{r}'|}, \quad (4)$$

$$F_{\lambda;i,j}^Q = i\mathcal{E}_Q \mathbf{d}_{i,j}^{\lambda,\bar{\lambda}} \cdot \int d^3r \xi_{\lambda,i}^*(\mathbf{r}) \mathbf{u}_Q(\mathbf{r}) \xi_{\bar{\lambda},j}(\mathbf{r}), \quad (5)$$

## Fórmulas em MathJax

Permite visualizar as equações matemáticas corretamente em qualquer navegador sem que sejam desconfiguradas.

Home page com todos os dados importantes do artigo. Página 1.

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# Quantifying the consensus on anthropogenic global warming in the scientific literature

John Cook<sup>1,2,3</sup>, Dana Nuccitelli<sup>2,4</sup>, Sarah A Green<sup>5</sup>, Mark Richardson<sup>6</sup>,  
Bärbel Winkler<sup>2</sup>, Rob Painting<sup>2</sup>, Robert Way<sup>7</sup>, Peter Jacobs<sup>8</sup> and  
Andrew Skuce<sup>2,9</sup>

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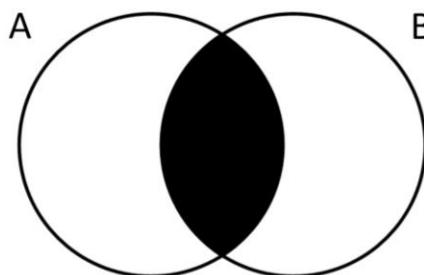
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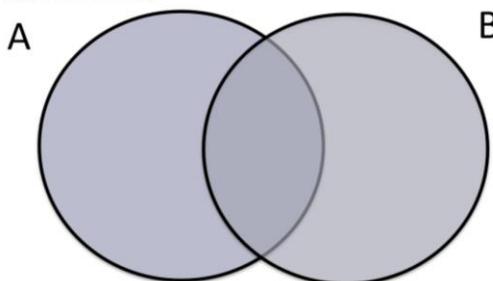
**"AND", "+" ó "&"**

- El resultado va a incluir todos los términos



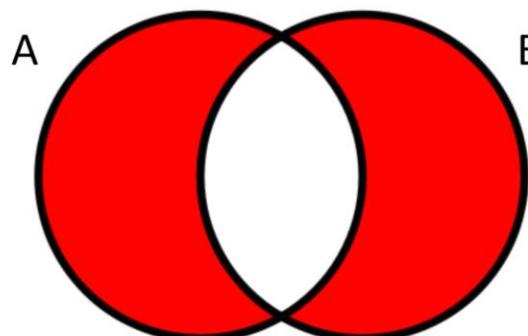
"

- El resultado va a incluir de menos alguno de los términos



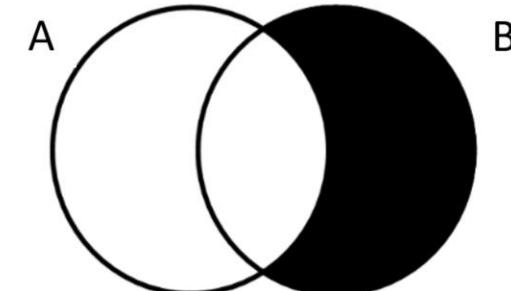
**"XOR"**

- Uno u otro, pero no los dos a la vez



**"NOT", "-"**

- El resultado va a incluir solo el primero



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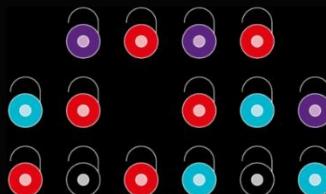
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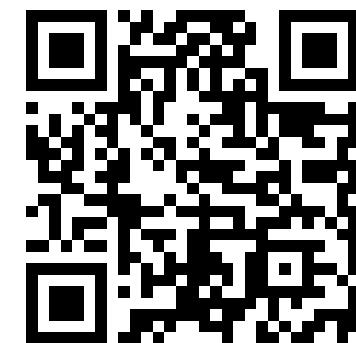
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