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# a-leaf

Newsletter #7  
October 30th, 2019

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## Editorial

Dear colleagues,

We begin our newsletter number 7 with a brief report on the different meetings and conferences related to A-LEAF, like our second review meeting in Brussels, or our coordinator's participation at the 'Giving Value to CO2' – 'Aportando valor al CO2' event.

Next comes a video where three A-LEAF young researchers share their views on the project.

We also highlight a wrap-up about our 30 months of project's meeting in London.

Within our outreach corner, you can find four press clippings mentioning A-LEAF (three in Catalan and one in Spanish). Last but not least, you can check our latest results published in Open Access.

The A-LEAF team

On behalf of the a-leaf consortium

Prof. José Ramón Galán-Mascarós (ICIQ), coordinator of the A-LEAF project

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## A-LEAF everywhere!



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## Our young researchers talk about A-LEAF

A-LEAF is a truly interesting project in terms of research and technology.



Artificial photosynthesis is one of the biggest scientific challenges researchers are currently working on...



## A-LEAF meeting in London

Time to meet again. Last July, the A-LEAF consortium travelled to beautiful London to hold the 30 months meeting of the project. Time flies but this consortium has the ability to...

## Outreach corner

The collage features four media articles:

- Una fulla artificial per aconseguir combustibles nets a partir d'aigua i CO2**: A Catalan TV news segment from TV3, dated 16/10/2018, discussing the development of artificial photosynthesis.
- Cinc cèntims / 203 - Nous combustibles**: A radio broadcast from La Xarxa Catalan, dated 08 October 2018, featuring an interview with Julio Lloret-Fillol.
- Imitar a las plantas para conseguir el combustible del futuro**: A Spanish online article from InnovaSpain, dated 06 October 2018, comparing artificial photosynthesis to natural plant processes.
- Investigadors de l'ICIQ volen crear combustibles simulant una fotosíntesi artificial**: A Catalan TV news segment from TAC12, dated 06 November 2018, featuring Josep Manich Galan.

Throughout the past three months, A-LEAF has been featured in four different media. Two Catalan TV channels -TV3 and TAC12- covered the project in pieces of news: "**Una fulla artificial per aconseguir combustibles nets a partir d'aigua i CO2**" and "**Investigadors de l'ICIQ volen crear combustibles simulant una fotosíntesi artificial**". Also, La Xarxa Catalan radio station did the piece "**Nous combustibles**" about the initiative. Finally, the Spanish online journal InnovaSpain mentioned it in the article "**Imitar a las plantas para conseguir el combustible del futuro**".

## Our latest publications



### **Nitride-Derived Copper Modified with Indium as a Selective and Highly Stable Catalyst for the Electroreduction of Carbon Dioxide**

Florentine L. P. Veenstra, Antonio J. Martn, and Javier Prez-Ramrez

*ChemSusChem*, **2019**, DOI: 10.1002/cssc.201901309

### **Oxygen Isotope Labeling Experiments Reveal Different Reaction Sites for the Oxygen Evolution Reaction on Nickel and Nickel Iron Oxides**

Seunghwa Lee, Karla Banjac, Magalí Lingenfelder, and Xile Hu

*Angew. Chem. Int. Ed.*, **2019**, 58, 10295-10299

### **Self-limited growth of an oxyhydroxide phase at the Fe<sub>3</sub>O<sub>4</sub>(001) surface in liquid and ambient pressure water**

Florian Kraushofer, Francesca Mirabella, Jian Xu, Jiří Pavelec, Jan Balajka, Matthias Müllner, Nikolaus Resch, Zdeněk Jakub, Jan Hulva, Matthias Meier, Michael Schmid, Ulrike Diebold, and Gareth S. Parkinson

*J. Chem. Phys.* 151, 154702 (2019)



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