



# a-leaf

Newsletter #6

May 28th, 2019

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## Editorial

Dear colleagues,

We begin our newsletter number 6 with a brief report on A-LEAF's participation in the Bunsen Discussion Meeting: "Fundamentals and Applications of PhotoElectrolysis for Efficient Energy Storage" in Taormina, Italy.

Next comes a post about A-LEAF's participation at the international outreach festival Pint of Science in Tarragona, Spain.

We also highlight an article about our project's support to SUNRISE and ENERGY-X, two out of the six European Coordination and Support Actions (CSA) that are competing to become a European large scale research initiatives.

Within our dissemination corner, you can find four press clippings mentioning A-LEAF (two in English, one in Italian and another one in Spanish).

Finally, 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 meets two other European projects in Taormina, Italy





## A-LEAF in Pint of Science Tarragona. Cheers!

Our FET-Proactive project is very 'proactive' in engaging with society. In fact, this May, A-LEAF went to the pubs in Tarragona to share science and artificial photosynthesis with the general public....



## A-LEAF supports two European solar-energy programmes in the final round for funding



The European Commission has selected six research projects — in areas from health and energy to artificial intelligence and cultural heritage — to compete to become one of its next large-scale...

## Dissemination corner



In our last newsletter we informed you about the [Muy Interesante](#) article on A-LEAF. We are very glad to tell you that this report received an award for the best science news piece in Spain!

A-LEAF is also featured as a 'Success Story' in the European Commission webpage: '[Solar fuels turns to plants for inspiration](#)' and in a piece of news of Digital Single Market '[Using the energy from the sun to get fuels](#)'

Our project, in Italian, is covered in '[Una "foglia artificiale" per trasformare acqua e CO2 in combustibile](#)'

## Our latest publications



### Unraveling Charge Transfer in CoFe Prussian Blue Modified BiVO<sub>4</sub> Photoanodes

Benjamin Moss, Franziska Simone Hegner, Sacha Corby, Shababa Selim, Laia Francàs, Núria López, Sixto Giménez, José-Ramón Galán-Mascarós, and James Robert Durrant  
*ACS Energy Lett.*, 2019, 4, 337–342

### The Impact of Different Si Surface Terminations in the (100) p-Si | n<sup>+</sup>-Si | Cu Junction with Respect to the Photo Electrochemical Performance

Céline Steinert, Sven Tengeler, Bernhard Kaiser, and Wolfram Jaegermann  
*J. Electrochem. Soc.*, 166 (5) H3208-H3214 (2019)

### Origin of the Selective Electroreduction of Carbon Dioxide to Formate by Chalcogen Modified Copper

Rodrigo García-Muelas, Federico Dattila, Tatsuya Shinagawa, Antonio J. Martín, Javier Perez-Ramírez, and Núria López  
*J. Phys. Chem. Lett.* 2018, 9, 7153–7159

### Effect of Saturating the Electrolyte with Oxygen on the Activity for the Oxygen Evolution Reaction

Amanda C. Garcia and Marc T. M. Koper  
*ACS Catal.*, 2018, 8, 9359–9363



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