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**Newsletter #10**  
January 26, 2021

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## Editorial

Dear colleagues,

We begin 2021 with our newsletter number 10 and wishing you all the best for this New Year.

Last week, the A-LEAF consortium celebrated the 48 months consortium meeting. For the first time, and due to the current circumstances, we could not meet in-person and had to do it on-line instead. Nonetheless, it was a very interesting meeting full of insightful discussions.

We announced that our new video "On the Road to Solar Fuels" was selected as one of the best videos in The Future Tech Week 2020 Spotlight Video Contest, last September.

We also informed that the consortium has already surpassed the 20 papers milestone set for the duration of the project! You can read and download them all from our website: <http://www.a-leaf.eu/outcomes>

All in all, it was a very productive meeting. You can read more about it below.

In this newsletter, we would like to take the chance to thank Magalí Lingenfelder, and her team at EPFL, for organising a very productive meeting.

We finish off with some of our latest results published in Open Access.

Enjoy the reading!

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 again in the 48 months e-meeting to plan the final months of the project



[Find out more](#) about our first on-line consortium meeting.

## Outreach corner

This is the **A-LEAF Video** that was selected as one of the best videos in the 2020 Spotlight video contest!



Watch this new [video](#) to learn more about our project, the A-LEAF prototype and what is coming next for the substitution of fossil fuels in our society.

## Our latest publications



### **The effect of nanoparticulate PdO co-catalysts on the faradaic and light conversion efficiency of WO<sub>3</sub> photoanodes for water oxidation**

Anna A. Wilson, Sacha Corby, Laia Francàs, James R. Durrant and Andreas Kafizas  
*Phys. Chem. Chem. Phys.*, **2021**, Advance Article, DOI: 10.1039/D0CP06124G

### **Charge accumulation kinetics in multi-redox molecular catalysts immobilised on TiO<sub>2</sub>**

Carlota Bozal-Ginesta, Camilo A. Mesa, Annika Eisenschmidt, Laia Francàs, Ravi B. Shankar, Daniel Anton-García, Julien Warnan, Janina Willkomm, Anna Reynal, Erwin Reisner and James R. Durrant  
*Chem. Sci.*, **2021**, Advance Article, DOI: 10.1039/D0SC04344C

### **Active and Selective Ensembles in Oxide-Derived Copper Catalysts for CO<sub>2</sub> Reduction**

Federico Dattila, Rodrigo García-Muelas, and Núria López  
*ACS Energy Letters* **2020** 5 (10), 3176-3184

### **The role of oxygen vacancies in water splitting photoanodes**

Roser Fernandez-Climent, Sixto Giménez and Miguel García-Tecedor  
*Sustainable Energy Fuels*, **2020**, 4, 5916

### **Separating bulk and surface processes in NiOx electrocatalysts for water oxidation**

Sacha Corby, Miguel-García Tecedor, Sven Tengeler, Celine Steinert, Benjamin Moss, Camilo A. Mesa, Hany F. Heiba, Anna A. Wilson, Bernhard Kaiser, Wolfram Jaegermann, Laia Francàs, Sixto Gimenez and James R. Durrant  
*Sustainable Energy Fuels*, **2020**, 4, 5024



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