



# IAAM' MONTHLY NEWSLETTER

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February, 2021

## In This Newsletter

- IAAM's Sustainable Development Agenda 2030
- Celebrating Birthdays of Executive Members
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Become a IAAM Member to access all the benefits and opportunities for development. To know more:

<https://www.iaamonline.org/membership>

IAAM Acknowledged contributions of 1000+ scientist from above 70 countries

Nomination for IAAM Awards & Fellow is open!! Please visit: <https://www.iaamonline.org/awards-nomination> for more details.

Network opportunities Supports with various career services and resources.

## IAAM's Sustainable Development Agenda for 2030



IAAM is dedicated to accelerating Materials Research and Innovations to facilitate resources and technology-gathering to address sustainable developmental needs. In this decade, the IAAM has the agenda to focus its activities inline toward achieving the United Nations' Sustainable Development Goals (SDGs). In line with its accumulative sustainable development agenda, the association puts world-wide efforts with Materials Science, Engineering, and Technology across spheres of academia and industry towards potentially addressing the challenges of sustainability of materials for a green world. To know more, please visit at

[www.iaamonline.org/sustainable-development-agenda-for-2030](http://www.iaamonline.org/sustainable-development-agenda-for-2030)

## Celebrating Birthdays of Executive Members

### Special WebSymposium on birth anniversaries

IAAM celebrates the birth anniversary of its executive members by organizing WebSymposium under Advanced Materials WebCongress (AMWeb) to recognize their prolonged outstanding contributions and reunite your network by inviting current and past group members, collaborators, and colleagues together with the experts in your field.

**Prof. Richard Spontak**  
WebSymposium on  
**Functional Polymeric Materials**  
Celebrating his  
**60<sup>th</sup>** Birthday

Advanced Materials  
WebCongress  
The World Biggest  
**ONLINE**  
Materials Meet

**03 - 04 May 2021**  
08.00 - 12.00 & 13.00 - 17.00 EST  
(Eastern Standard Time)

To know more, please visit at [www.advancedmaterialscongress.org/web/functional-polymeric-materials/](http://www.advancedmaterialscongress.org/web/functional-polymeric-materials/)

## IAAM Blogs

<https://www.iaamonline.org/blog>

International Association of Advanced Materials (IAAM) regularly organizes thematic symposium to accelerate opportunities for networking, collaboration, exchange of ideas and discussion sustainability challenges and innovation with internationally renowned advanced materials leaders and experts. Keeping in mind the current COVID-19 challenges, IAAM has opted for the WebSymposium (i.e., Virtual/Online). The WebSymposium will allow for the highest quantity of science & technology to be communicated with the largest possible audience through live sessions by eliminating the travel time and cost. Keeping with the goal of the association to promote the advancement of materials, open access model of publishing allows the researchers around the world to access the high up to date informative video articles without any charges.

## Prof. Alfred Rufer

WebSymposium on  
**Energy Storage Technologies**

Celebrating his  
**70<sup>th</sup>** Birthday



Advanced Materials  
WebCongress

The World Biggest  
**ONLINE**  
Materials Meet

**03 - 04 June 2021**

08.00 - 12.00 & 13.00 - 17.00 EST  
(Eastern Standard Time)

To know more, please visit at [www.advancedmaterialscongress.org/web/energy-storage-technologies/](http://www.advancedmaterialscongress.org/web/energy-storage-technologies/)

## Prof. William Brantley

WebSymposium on  
**Dental Materials**

Celebrating his  
**80<sup>th</sup>** Birthday



Advanced Materials  
WebCongress

The World Biggest  
**ONLINE**  
Materials Meet

**08 - 09 June 2021**

08.00 - 12.00 & 13.00 - 17.00 EST  
(Eastern Standard Time)

To know more, please visit at [www.advancedmaterialscongress.org/web/dental-materials/](http://www.advancedmaterialscongress.org/web/dental-materials/)

## Prof. Joseph Koo

WebSymposium on  
**Polymer Nanocomposites**

Celebrating his  
**70<sup>th</sup>** Birthday



Advanced Materials  
WebCongress

The World Biggest  
**ONLINE**  
Materials Meet

**21 - 22 September 2021**

08.00 - 12.00 & 13.00 - 17.00 EST  
(Eastern Standard Time)

To know more, please visit at [www.advancedmaterialscongress.org/web/polymer-nanocomposites/](http://www.advancedmaterialscongress.org/web/polymer-nanocomposites/)

## IAAM Fellow Summit

The agenda of IAAM Fellow Summit is to develop action plans for 2030 sustainable development objectives, "Advancement of Materials to Sustainable and Green World". This summit will be one-of-a-kind exclusive international meeting for high-end researchers, policy makers, government agencies and interface of academia & industry to discuss the world's most pressing topics of advanced materials for constructing balanced and integrated solutions to global importance. To know more, please visit at, [www.advancedmaterialscongress.org/fellow-summit](http://www.advancedmaterialscongress.org/fellow-summit)

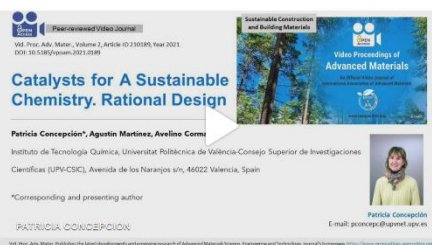


This video journal publishes its contents in open access under a CC by License. The CC by license allows and facilitates the maximum possible dissemination of the open access materials to worldwide readers and viewers.

## Video Proceedings of Advanced Materials

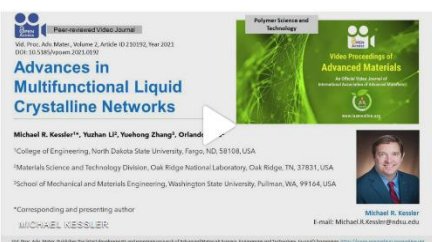
An open access peer-reviewed video journal of IAAM, that publishes state-of-the-art research advancements of materials science, engineering, and technology. The journal provides a comprehensive audio-visual overview of the multi-inter-trans disciplinary areas of advanced materials research, innovation, and technology. To know more, please visit at, [www.proceedings.iaamonline.org](http://www.proceedings.iaamonline.org)

### Editor's Choice (February 2021)



### Catalysts for a Sustainable Chemistry: Rational Design

Patricia Concepción et al.,  
Vid. Proc. Adv. Mater., 2, 20210189 (2021).  
[www.proceedings.iaamonline.org/article/vpoam-2021-0189](http://www.proceedings.iaamonline.org/article/vpoam-2021-0189)



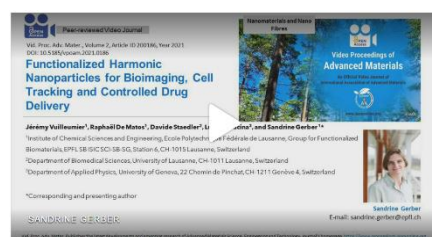
### Advances in Multifunctional Liquid Crystalline Networks

Michael R. Kessler et al.,  
Vid. Proc. Adv. Mater., 2, 20210192 (2021).  
[www.proceedings.iaamonline.org/article/vpoam-20210192](http://www.proceedings.iaamonline.org/article/vpoam-20210192)



### High Efficiency of Renewable Energy Sources Through SPD Processing of Bulk Nanostructured Solids

M. J. Zehetbauer et al.,  
Vid. Proc. Adv. Mater., 2, 20210190 (2021).  
[www.proceedings.iaamonline.org/article/vpoam-2021-0190](http://www.proceedings.iaamonline.org/article/vpoam-2021-0190)



### Functionalized Harmonic Nanoparticles for Bioimaging, Cell Tracking and Controlled Drug Delivery

Sandrine Gerber et al.,  
Vid. Proc. Adv. Mater., 2, 20210186 (2021).  
[www.proceedings.iaamonline.org/article/vpoam-2021-0186](http://www.proceedings.iaamonline.org/article/vpoam-2021-0186)



### Water Chemistry and Oxidation State of Mo Affects Dissolution and Visible-light Photocatalytic Activity of MoO<sub>3</sub> Nanostructures

Debora F. Rodrigues et al.,  
Vid. Proc. Adv. Mater., 2, 20210299 (2021).  
[www.proceedings.iaamonline.org/article/vpoam-20210299](http://www.proceedings.iaamonline.org/article/vpoam-20210299)

Submit special issue proposal for IAAM's diamond open access journals: *Advanced Materials Letters* & *Advanced Materials Proceedings*. Email us: [contact@iaaonline.org](mailto:contact@iaaonline.org)

**CALL FOR PAPERS & PROPOSAL**  
 For special issues of IAAM Official Journal *Advanced Materials Letters*  
 Submit proposal for special issue at [editorialoffice@vbrpress.com](mailto:editorialoffice@vbrpress.com)  
 Open Access | FREE | Peer Review

**Knowledge Experience at Sea**  
**Become IAAM Members**  
 for the Advancement of Materials to Sustainable and Green World  
**CALL FOR SYMPOSIUM PROPOSALS**  
 2021-2022  
 Submit proposal [contact@iaaonline.org](mailto:contact@iaaonline.org)

*Advanced Materials Letters*, launched in the year 2010, publishes high-quality peer-reviewed articles by connecting both the fundamental and applied research, at the interface between advanced materials and other basic disciplines such as chemistry, physics, biology, engineering, and technology.

Researchers across the globe are encouraged to submit their next research/review via the online submission system of ScholarOne – Web of Science Group – Clarivate Analytics, USA.

<https://mc.manuscriptcentral.com/vbrpress>

## Diamond Open Access Publication

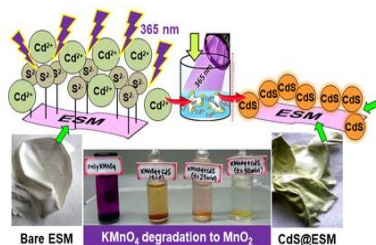
All the journals and other materials are published under this model are readily available to the readers. By making valuable scientific research available to readers free of cost and without any hidden costs, IAAM is facilitating the dissemination of knowledge on a wider level. We have recently published the [April 2021](#) and [May 2021](#) issue of *Advanced Materials Letters* online. All the articles are available for “Free to Read”.

### Editor's Choice (February 2021)



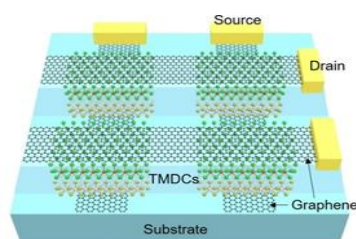
#### Perspectives on Published Energy Sources and Smart Energy Supplies

Anjun Jerry Jin et al.,  
*Adv. Mater. Lett.*, 2021, 12 (3), 21031607  
[www.vbrpress.com/aml/articles/details/1603](http://www.vbrpress.com/aml/articles/details/1603)



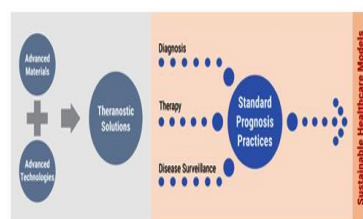
#### Eggshell Membrane Assisted CdS Nanoparticles for Manganese Removal in Water Treatment

Anurag Roy et al.,  
*Adv. Mater. Lett.*, 2021, 12 (3), 21031609  
[www.vbrpress.com/aml/articles/details/1605](http://www.vbrpress.com/aml/articles/details/1605)



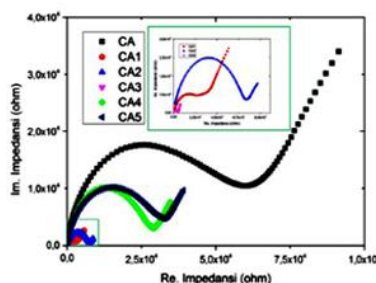
#### Progress and Perspectives of Photodetectors Based on 2D Materials

Kaiyou Wang et al.,  
*Adv. Mater. Lett.*, 2021, 12 (4), 21041616  
[www.vbrpress.com/aml/articles/details/1611](http://www.vbrpress.com/aml/articles/details/1611)



#### Advanced Materials and Convergence Technologies for Sustainable COVID-19 Healthcare Model

Anshuman Mishra et al.,  
*Adv. Mater. Lett.*, 2021, 12 (1), 21011589  
[www.vbrpress.com/aml/articles/details/1584](http://www.vbrpress.com/aml/articles/details/1584)



#### Effect of Sorbitol Addition to Polymer Solid Electrolytes based on Chitosan

Evi Yulianti et al.,  
*Adv. Mater. Lett.*, 2021, 12 (1), 21011593  
[www.vbrpress.com/aml/articles/details/1588](http://www.vbrpress.com/aml/articles/details/1588)



## Ongoing Events

IAAM invites research professionals, scientific communities, delegates, students, executives, governmental agencies, policy makers and business professionals from all over the world to submit symposia proposal

Submit proposal via email:  
contact@iaamonline.org

### Contact Us

Address:  
Gammalkilsvägen 18,  
Ulrika 590 53, Sweden

E-mail:  
contact@iaamonline.org

Website:  
www.iaamonline.org



### Energy Materials Conference

11 – 13 August 2021, Stockholm, Sweden

Website: [www.advancedmaterialscongress.org/emc](http://www.advancedmaterialscongress.org/emc)  
Abstract Submission:  
[www.advancedmaterialscongress.org/emc/users/login](http://www.advancedmaterialscongress.org/emc/users/login)  
Abstract Submission Deadline: 31 March 2021



### European Advanced Materials Congress

23 – 25 August 2021, Stockholm, Sweden

Webpage: [www.advancedmaterialscongress.org/eamc](http://www.advancedmaterialscongress.org/eamc)  
Abstract Submission:  
[www.advancedmaterialscongress.org/eamc/users/login](http://www.advancedmaterialscongress.org/eamc/users/login)  
Abstract Submission Deadline: 31 March 2021



### Advanced Materials WebCongress

31 August 2020 – 31 December 2021, Online Event  
Webpage: [www.advancedmaterialscongress.org/web/](http://www.advancedmaterialscongress.org/web/)  
Abstract Submission:  
[www.advancedmaterialscongress.org/web/login/](http://www.advancedmaterialscongress.org/web/login/)  
Abstract Submission Deadline: Throughout the year



Wishing all the women scientist for their selfless efforts and achievements. IAAM has established Women Council for the awareness about women empowerment, women's rights, and gender equality in line with its Sustainable Development Agenda 2030. Join now by dropping an email us at [patra@iaamonline.org](mailto:patra@iaamonline.org)

### Follow us on

