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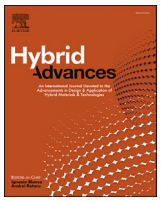

Hybrid advances: A new open access journal at Elsevier dedicated to the advancements in design & application of hybrid materials & technologies

Welcome to Hybrid Advances! Hybrid Advances is an International Open Access (OA) Journal that, exploiting the advantage of broad dissemination trough the OA mode, publishes full research articles & review articles related to the Advancements in Design & Application of Hybrid Materials & Technologies. Briefly, a Hybrid Material is a homogeneous composite consisting of two entities (usually inorganic and organic) at the nanometer or molecular level while a Hybrid Technology combines two or more technologies with the aim to achieve efficient system. The Journal covers the areas of physics, chemistry, materials science, chemical & environmental technology, mechanical & industrial engineering, and related interdisciplinary areas.

Hybrid Advances is directed towards a border-area of interests formed by integrating with nine companion journals in the fields of Surface Science, Solid State Science and Materials Science & Engineering; these represent cutting-edge topics contributing to a better understanding of intercalated bulk & stratified materials, phenomena at the interface, solid multicomponent materials at nanoscale, self-assembling nanostructures, solid blends & matrix inclusions, external & internal surfaces, homogeneity *vs.* heterogeneity consequences of functional materials and of their formed phases. Also, the journal focuses on developing novel combined technologies necessary to the design, fabrication & employment of the emergent systems & devices.

To reach this goal, a team of 14 Associate Editors, 7 Assistant Editors and an Advisory Editorial Board composed by 40 members, led by 2 Editors-in-Chief, takes the field to try to collect the best studies in the hybrid materials & hybrid technologies sector and ensure rapid review and process times.

At moment, the Journal offers publication free of charge by choosing to submit a study to the 14 opened thematic Special Issue.

- Modelling of Hybrid and Composite Materials;
- Hybrid Clay Materials;
- Hybrid Technology and Energy Management of Machinery and Vehicles;
- Hybrid Materials & Hybrid Technologies in Catalysis;
- Hybrid Coatings and Nanocomposite Films;
- Life Cycle Assessment for the Sustainability of Hybrid Materials and Composites;
- Thermal Conductivity & Thermal Diffusivity of Hybrid Materials: State of the Art and Perspectives;
- Advanced Hybrid Materials and Technologies for Electrochemical Applications;
- Nanomaterials and Innovative Procedures for Environmental Applications;
- Hybrid Nanoparticles and Nanocomposites for Energy Applications;
- Advanced Hybrid Fabrics: Nanoparticle-doped Functional Polymer-based Fibres;
- Polymeric-based Hybrid Materials;
- Graphene-based Hybrid Materials and Composites;
- Review Articles 2022–2023.

We are looking forward to receiving your high-quality contributions and review-paper proposals, as well as Special Issue proposals (susan.li@elsevier.com, andrei.hybadv@gmail.com or iblanco@unict.it). Your comments and suggestions can be e-mailed at any time to and will be highly appreciated.

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