



Joint Topical Collection with Fraunhofer IWKS

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“Materials, Technologies and Strategies for a Circular Economy”

Fraunhofer IWKS in collaboration with Springer Nature’s newly launched journal SN Applied Sciences now launched a new Topical Collection “Materials, Technologies and Strategies for a Circular Economy”. The goal of the Topical Collection is to build a bridge between the different areas of research that all strive to protect our environment and increase sustainability.

Especially when working on recycling and resource protection, researchers need to look at the big picture and take into account potential interrelations. In order to develop more sustainable alternatives to scarce resources for example, researchers are not only looking at chemical properties of the material, but one also has to take into account the environmental and social impact a new material would have, how it performs during its application and finally how a circular economy can be achieved, e.g. through design for recycling. Especially material sciences are essential for tackling some of today’s biggest challenges, such as climate change, sustainable energy and environmental protection. Materials are at the core of every technology and every innovation. If we understand their properties, we can think about developing new and smart materials that fulfill also environmental criteria, such as non-toxicity, no use of scarce resources and recyclability. Or in short: Tackling the challenges of the energy transition will not be possible without a materials revolution.

Primary Guest Editor
Prof. Dr. Anke Weidenkaff, Executive Director
Fraunhofer IWKS



About SN Applied Sciences

SN Applied Sciences is a multi-disciplinary, peer-reviewed journal for the disciplines of Chemistry, Earth & Environmental Sciences, Engineering, Materials Science and Physics. It fosters sound scientific discovery to solve practical problems.

The journal encourages quality, scientifically valid, original articles which present a good understanding of scientific knowledge, experiments and theories, methods and techniques, as well as interdisciplinary linkages. It welcomes **research articles, review papers, case studies, and short communications**. Benefits of publishing in this journal include no colour or page charges, free to submit and free to access for the first two publication years.

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