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## Materials Light Life

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Deadline for manuscript  
submissions:  
**closed (20 March 2022)**

### Message from the Guest Editor

The interaction of light and matter is what created and sustains life on earth. From the disputed abiogenesis to the modern quantum devices, the exchange of energy and momentum between light and the elements of nature preserves our living world.

This special issue on “Materials Light Life” addresses such interrelations, with a scope to elucidate novel interdisciplinary approaches and synergies in *Materials Science*. Envisioning emerging materials and devices, the collection aspires toward a better living environment by exploring novel functionalities of nanomaterials and nanostructures. It calls for fundamental and applied research on materials technologies and interactions with light for improving life in tomorrow’s environment. Specific topics focus on materials and nanotechnologies for environmental protection, bio-sensing, energy and illumination, and art and culture. Authors are welcome to elaborate themes of their specific research interests, though strictly appreciating the scope of this special issue.



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# Special Issue



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## Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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