Recent Advances in Functional Materials and 2D/3D Processing for Sensors and Electronic Applications

Additive manufacturing and direct-write printed electronics technologies employing metal, dielectric, polymer, and ceramic materials have the potential to enable new products and markets. This special topic will highlight emerging concepts for the processing of nanomaterials and custom 2D/3D structures. Invited and contributed papers will discuss advances in material synthesis and process technology. Topics related to functional materials, low-temperature processing, large area manufacturing, and electronic applications are within the scope of the focus issue.

Original research papers should be 3,000-6,000 words with up to 8 figures maximum; review papers should be 6,000-10,000 words with up to 15 figures maximum.

Detailed author instructions are available at:
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Keywords for this topic: Additive manufacturing; electronic materials; energy; printed electronics; flexible hybrid electronics

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