

## Special Issue

# The Appearance Reproduction and Measurement of 3D Full Colour Printed Objects

### Message from the Guest Editor

I am writing to invite you to submit a manuscript on the “Appearance Reproduction and Measurement of 3D Full Colour Printed Objects” for a Special Issue of *Materials*. Submissions may focus on novel scientific or technological aspects of 3D full colour printing processes or part attributes. Topics of interest include, but are not limited to, appearance measurement for 3D colour objects; novel image technology for 3D object image capture, new applications of 3D full colour printing processes; colour appearance difference evaluation and prediction for 3D objects; 3D colour reproduction framework; appearance assessment for 3D objects under various viewing conditions; chromatic adaptation transform for 3D colour objects; gloss measurement and evaluation for 3D colour objects; and applications of appearance reproductions. The scope of this Special Issue includes all 3D full colour printing process technologies. The categories of paper types that will be considered include technical papers, short communications, perspectives, and reviews.

---

### Guest Editor

Dr. Kaida Xiao  
School of Design, University of Leeds, Leeds, UK

---

### Deadline for manuscript submissions

closed (10 December 2022)



## Materials

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 6.4  
Indexed in PubMed



[mdpi.com/si/108841](https://mdpi.com/si/108841)

*Materials*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[materials@mdpi.com](mailto:materials@mdpi.com)

[mdpi.com/journal/  
materials](https://mdpi.com/journal/materials)





# Materials

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 6.4  
Indexed in PubMed



[mdpi.com/journal/  
materials](https://mdpi.com/journal/materials)



## About the Journal

### 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.

---

### Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

#### Journal Rank:

JCR - Q2 (Metallurgy and Metallurgical Engineering) /  
CiteScore - Q1 (Condensed Matter Physics)