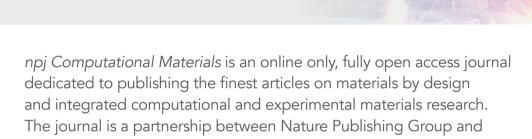


npj | Computational Materials

Launching in 2015



Topics of interest to the journal include, but are not limited to, the following:

Shanghai Institute of Ceramics, Chinese Academy of Sciences.

- Materials by design: design or discovery of materials (with new chemistry, new atomic/electronic structures, new microstructures/heterostructures, new defect structures, or new or dramatically enhanced properties under external constraints) guided by theory, computation, and data mining
- Experimental synthesis, characterization, and applications of materials by design
- Integrated experimental and computational studies of materials
- Computational and data mining tools for materials by design
- Experimental synthesis and characterization tools for generating materials data
- Materials data generation and data mining
- Significantly new or enhanced understanding of a material through theory and computation

The journal will also publish a professionally written Editorial Summary to accompany each Article, which summarizes the key issues being addressed within the full article.

Published in partnership with



EDITOR-IN-CHIEF

Professor Long-Qing Chen

Distinguished Professor of Materials Science and Engineering, Engineering Science and Mechanics, and Mathematics, Pennsylvania State University

FREQUENCY OF PUBLICATION

Continuous, new content from 2015

SUBMIT YOUR MANUSCRIPT

http://mts-npjcompumats. nature.com/cgi-bin/main.plex

Part of the Nature Partner Journals series



www.nature.com/npjcompumats

nature publishing group npg