Advanced Processing and Manufacturing Technologies for Structural and Multifunctional Materials III, Volume 30, Issue 8
Tatsuki Ohji (Editor), Mrityunjay Singh (Editor), Dileep Singh (Volume Editor), Jonathan Salem (Volume Editor)

DESCRIPTION
This issue contains 25 invited and contributed papers, all peer reviewed according to the American Ceramic Society Review Process. The latest developments in processing and manufacturing technologies are covered, including smart processing, advanced composite manufacturing, novel forming and sintering technologies, microwave-processing, polymer-based processing, and film deposition technologies. These papers discuss the most important aspects necessary for understanding and further development of processing and manufacturing of ceramic materials and systems.

ABOUT THE AUTHOR
Tatsuki Ohji is a Prime Senior Research Scientist of National Institute of Advanced Industrial Science and Technology (AIST) and a Designated Professor in the Graduate School of Science and Engineering, Meijo University, Japan. He has authored or coauthored more than 330 peer-reviewed papers and 12 book chapters, edited 30 book volumes, chaired or co-chaired more than 30 international conferences and symposia, and hold more than 40 patents. Fellow of the American Association for the Advancement of Science (AAAS), the American Ceramic Society and ASM International, and Academician of the World Academy of Ceramics, he has received numerous awards including ECD Bridge Building Award of the American Ceramic Society, Academic Achievement Award of the Ceramic Society of Japan, IIM Lectureship Award of ASM International, Lee Hsun Lecture Award of
IMR Chinese Academy of Sciences, and Distinguished Research Achievement Award of the Japan Society of Powder and Powder Metallurgy.