



ISSN No. : 2321-9653

IJRASET

**International Journal for Research in Applied
Science & Engineering Technology**

IJRASET is indexed with Crossref for DOI-DOI : 10.22214

Website : www.ijraset.com, E-mail : ijraset@gmail.com

ISRA
JIF

ISRA Journal Impact
Factor: 7.429



45.98
INDEX COPERNICUS



THOMSON REUTERS
Researcher ID: N-9581-2016



TOGETHER WE REACH THE GOAL
SJIF 7.429

Certificate

It is here by certified that the paper ID : IJRASET72855, entitled

*Anisotropic Fracture Toughness Modeling in SiC-Whisker/ZrO₂/Al₂O₃ Triple-Phase
Composites: Integrating Transformation Toughening and Fiber Bridging Mechanisms*

by

Charitidis J. Panagiotis

after review is found suitable and has been published in

Volume 13, Issue VI, June 2025

in

*International Journal for Research in Applied Science &
Engineering Technology*

(International Peer Reviewed and Refereed Journal)

Good luck for your future endeavors

By [Signature]

Editor in Chief, IJRASET