

## PUBLICATIONS

### ARTICLES PUBLISHED IN REFEREED JOURNALS

#### A. Papers.

1. Green, D. J., Nicholson, P. S., and Embury, J. D., Fracture Toughness of a Partially Stabilized ZrO<sub>2</sub> in the System CaO-ZrO<sub>2</sub>, J. Am. Ceram. Soc., 56 No. 12, pp. 619-623, (1973).
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15. Green, D. J., Critical Microstructures for Microcracking in Al<sub>2</sub>O<sub>3</sub>-ZrO<sub>2</sub> Composites, J. Am. Ceram. Soc., 65 [12] pp. 610-614, 1982.
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### **B. Comments and Replies.**

1. Green, D. J., Reply to "Discussion of Stress-Induced Microcracking at Second Phase Inclusions," J. Am. Ceram. Soc., 65 [5] C-78, (1982).
2. Green, D. J. Lange, F. F., and Ritter, J. E., Jr., Comment on "Fracture Behavior of the Space Shuttle Thermal Protection System," J. Am. Ceram. Soc., 67 [5] C95, (1984).
3. Marshall, D. B., and Green, D. J., Comments on "Conditions for Spontaneous Cracking of a Brittle Matrix due to the Presence of Thermoelastic Stresses," Scripta Metall., 18 [7] 755-756 (1984).
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## **BOOKS OR PARTS OF BOOKS**

### **A. Books**

1. Green, D. J., Hannink, R.H.J., Swain, M. V., Transformation Toughening of Ceramics, CRC Press, Boca Raton, Florida, 1988.
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### **B. Book Chapters**

1. Green, D. J., Industrial Application of Ceramics, in Industrial Materials Science and Engineering, edited by L. E. Murr, Marcel Dekker, pp. 81-122, 1984.
2. Green, D. J., Mechanical Behavior of Space Shuttle Thermal Protection Tiles, ibid, pp. 123-143.
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4. Green, D. J., Elastic Behavior of Ceramics, Introduction to Mechanical Behavior of Ceramics, edited by G. de Portu, CNR-IRTEC, Rome, Italy, pp. 31-51, 1992.
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### **C. Articles Published in Bound Research Proceedings**

1. Green, D. J., Nicholson, P. S., and Embury, J. D., Microstructural Development and Fracture Toughness of a Calcia Partially Stabilized Zirconia, Fracture Mechanics of Ceramics, Vol. 2, Edited by Bradt, R. C., Hasselman, D.P.H., and Lange, F. F., Plenum Press, New York, pp. 541-553, 1974.
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