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Foreign Languages

English, C1 Advanced

Advising Theses

ERDAL ERDOĞMUŞ M., Experimental investigation of particle filtration in compression resin transfer molding of advanced composites, Postgraduate, T.AYDİL(Student), 2014

ERDAL ERDOĞMUŞ M., Experimental and numerical study of spring-in angle in corner shaped composite parts, Postgraduate, K.FURKAN(Student), 2014

KAYRAN A., ERDAL ERDOĞMUŞ M., Evaluation of effective elastic properties of honeycomb sandwich structures by optimization involving modal behavior, Postgraduate, O.ÇINAR(Student), 2014

ERDAL ERDOĞMUŞ M., Modeling of particle filled resin impregnation in compression resin transfer molding, Postgraduate, H.SİNEM(Student), 2010

ERDAL ERDOĞMUŞ M., Manufacturing and characterization of uniformly porous and graded porous polymeric structures via selective laser sintering, Postgraduate, Y.ABEİD(Student), 2009

ERDAL ERDOĞMUŞ M., Part cooling analysis by conformal cooling channels in injection molding, Postgraduate, M.EMİN(Student), 2007

Erdal Erdoğan M., Gökler M. I. , Effects of production parameters on porosity and hole properties in laser sintering rapid prototyping process, Postgraduate, Ö.İLKĞÜN(Student), 2005

ERDAL ERDOĞMUŞ M., Effect of production parameters on porosity and hole properties in laser sintering rapid prototyping process, Postgraduate, Ö.İlkgün(Student), 2005

ERDAL ERDOĞMUŞ M., Modeling of resin transfer molding for composites manufacturing, Postgraduate, H.İPEK(Student), 2005

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Development of strain monitoring system for glass fiber reinforced composites via embedded electrically conductive pathways**
Tanabi H., Erdal M.
ADVANCED COMPOSITE MATERIALS, vol.28, no.6, pp.653-673, 2019 (SCI-Expanded)
- II. **Effect of CNTs dispersion on electrical, mechanical and strain sensing properties of CNT/epoxy**

nanocomposites

Tanabi H., ERDAL ERDOĞMUŞ M.

RESULTS IN PHYSICS, vol.12, pp.486-503, 2019 (SCI-Expanded)

- III. **Experimental and numerical study of process-induced total spring-in of corner-shaped composite parts**
Cicek K. F. , Erdal Erdoğan M., Kayran A.
JOURNAL OF COMPOSITE MATERIALS, vol.51, pp.2347-2361, 2017 (SCI-Expanded)
- IV. **Accurate equivalent models of sandwich laminates with honeycomb core and composite face sheets via optimization involving modal behavior**
Cinar O., ERDAL ERDOĞMUŞ M., KAYRAN A.
JOURNAL OF SANDWICH STRUCTURES & MATERIALS, vol.19, no.2, pp.139-166, 2017 (SCI-Expanded)
- V. **Production of graded porous polyamide structures and polyamide-epoxy composites via selective laser sintering**
Jande Y. A. C. , ERDAL ERDOĞMUŞ M., DAĞ S.
JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, vol.33, no.11, pp.1017-1036, 2014 (SCI-Expanded)
- VI. **Modeling of particle-resin suspension impregnation in compression resin transfer molding of particle-filled, continuous fiber reinforced composites**
Sas H. S. , ERDAL ERDOĞMUŞ M.
HEAT AND MASS TRANSFER, vol.50, no.3, pp.397-414, 2014 (SCI-Expanded)
- VII. **Proposal and evaluation of a KBE-RM selection system**
Munguia J., Bernard A., ERDAL ERDOĞMUŞ M.
RAPID PROTOTYPING JOURNAL, vol.17, no.4, pp.236-246, 2011 (SCI-Expanded)
- VIII. **Impregnation molding of particle-filled preceramic polymers: Process modeling**
Erdal M., Guceri S., Danforth S.
JOURNAL OF THE AMERICAN CERAMIC SOCIETY, vol.82, no.8, pp.2017-2028, 1999 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Experimental Investigation of Particle-Filler Distribution in Continuous Fiber-Reinforced Composites Produced via Liquid Molding**
Aydil T., Tanabi H., ERDAL ERDOĞMUŞ M.
28th Technical Conference of the American-Society-for-Composites, Pennsylvania, United States Of America, 9 - 11 September 2013
- II. **Manufacturing of Functionally Graded Porous Products by Selective Laser Sintering**
ERDAL ERDOĞMUŞ M., DAĞ S., Jande Y., Tekin C. M.
10th International Symposium on Multiscale, Multifunctional and Functionally Graded Materials, Sendai, Japan, 22 - 25 September 2008, pp.253-258

Supported Projects

ERDAL ERDOĞMUŞ M., Project Supported by Higher Education Institutions, Parçacık Dolgulu, Kesintisiz Elyaf Destekli İleri Kompozit Malzeme Üretiminde Reçine Emdirimi Sırasında Oluşan Parçacık Dağılımının Ölçülmesi, 2011 - 2011

ERDAL ERDOĞMUŞ M., Project Supported by Higher Education Institutions, Bakılı Reçine Transfer Kalıplama Yöntemiyle Parçacık Dolgulu İleri Kompozit Malzeme Üretiminin Modellenmesi, 2009 - 2009

Metrics

Publication: 10

Citation (WoS): 155

Citation (Scopus): 120

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H-Index (Scopus): 7