

Mohammad Kamal Hossain, PhD Associate Professor, Mechanical Engineering, Tuskegee University, Publications and Presentations (2002-2017)

Book

1. Mohammad Kamal Hossain, Stress Corrosion Cracking and Hydrogen Embrittlement of Alloy EP-823, Lambert Academic Publishing, Germany, ISBN: 97838360164.

Book Chapter

1. Mohammad Kamal Hossain Scanning Electron Microscopy Study of Fiber Reinforced Polymeric Nanocomposites Book: Scanning Electron Microscopy edited by Viacheslav Kazmiruk, InTech Publisher, ISBN 978953-307-309-4.
2. Mohammad Kamal Hossain, Shamim Ara Begum, Nanophased Cellulose Based Structural Composite Book: Cellulose and Cellulose Derivatives: Synthesis, Modification, Nanostructure and Applications edited by Dr. Ibrahim Mondal. Nova Publishers ISBN 978-1-63483885-6.

Refereed Journal Publications

1. M. E. Hossain, M. K. Hossain, M. V. Hosur, and S. Jeelan, Effect of dispersion conditions on the thermal and mechanical properties of carbon nanofiber/epoxy nanocomposites Journal of Engineering Materials and Technology 137: 031005, 2015
2. Hossain M., Chowdhury M. M. R., Salam M. B. A., Jahar N., Malone J., Hosur M. V., Jeelan S. and Bolden N. W, Enhanced Mechanical Properties of Carbon Fiber/Epoxy Composites by incorporating X-Grade Carbon Nanotube, Journal of Composite Materials doi: 10.1177/0021998314545186

7. Muhammad E. Hossain, Muhammad K. Hossain, Mahesh Hosur, and 6 K D L N - H H O D Q L ³ / R Velocity Impact Behavior of CNF Filled Glass V 5 H L Q I R U F H G 3 R O \ H V W H U & R P S R of Composite Materials 48 (7): 879-896, 2013
8. Mohammad K Hossain, Muhammad E Hossain, Mohammad W. Dewan, Mahesh Hosur, and 6 K D L N - H H O D Q L Effect of Carbon Nanofiber (CNF) on Thermal and Interlaminar Shear Responses of E* O D V V 3 R O \ H V W H U & R P S R Part B: 313-320, 2012
9. Mohammad K. Hossain, Mohammad W. Dewan, Mahesh V. Hosur, and Shaik Jeelani, ³ (I I H F W R I 6 X U I D F H 7 U H D W E R H A D W D M E C H A N I C A L P R O P E R T I E S O F R Q Jute/Biopol Green Composites Journal of Reinforced Plastics and Composites (22): 1841-1856, 2011.
10. Mohammad K. Hossain, Mohammad W. Dewan, Mahesh V. Hosur, and Shaik Jeelani, ³ 0 H F K D Q L F D O 3 H U I R U P D Q F H V R I 6 X U I D F H 0 R G L I L H G - X W H * U H H Q & R P S R Journal of Composites Part B: Engineering 42 (6): 1701-1707, 2011.
11. Mohammad K Hossain 0 R K D P P D G : ' H Z D Q 0 D K H V K + R V X U 6 K D L N and Mechanical Characterization of Jute L R S R O 1 D Q R S K D V H G * U H H Q & R P S R Cambridge Journals Online DOI: 10.1557/opl.2011.169, 2011.
12. Muhammad E. Hossain, Muhammad K. Hossain, Mahesh V. Hosur, and Shaik Jeelani Study of Mechanical Responses and Thermal Expansion of CNF Filled Polyester 1 D Q R F R P S R V L W H V 3 U R F H V V H G Cambridge Journals Online L Q J 6 \ V W H DOI: 10.1557/opl.2011.112, 2011.
13. Mohammad K Hossain, Kazi Al Imran, Mahesh Hosur, and 6 K D L N - H H O D Q L ³ (I I H F W Seawater on Thermal Behavior of Conventional and Nanophased Carbon/Epoxy E

2. Mohammad K Hossain¹, D Q G², O D K P X G X U⁵ & K R Z G K X U³ (Q K D Q F H G³ U³)
Composite Reinforced with Amino-Functionalized Graphene Nanoplatelets
IMECE 2015, Paper Number: IMECE2015-1483 Houston, Texas, November-13, 2015
3. Mohammad K Hossain, Md. Mahmudur R Chowdhury, Mahmud B Salah¹, Johnathan Malone, Mahesh Hosur, Shaik Jeelani¹, Lia W Bolden³ ThermoMechanical and ILSS Properties of Woven Carbon/Epoxy

14. M.K. Hossain : 'HZDQ 5 & DUYHU 0TherMal and MechanicaH O D Q L 3
Performance of Jute R O \ H V W H U 1 D Q R S K D R a d e ID%1402SRMPSERMLWHV'

21. Mohammad K. Hossain, Muhammad E. + R V V D L Q 0 + R V X U D Q G 6 - H H O D G
Compression and Thermal Responses of E D V V 3 R O \ H V W H U T h e A Q R i c a n S o c i e t y
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