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| <i>A. Mikhaylova, A. Abolmaali</i> | |
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| <i>P. C. Yeh, J. Wang, K. Tseng, J. M. Yang</i> | |
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| <i>P. C. Yeh, P. Y. Chang, J. M. Yang, P. H. Wu, M. C. Liu</i> | |

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| Efficient High-Fidelity Thermomechanical Modeling of SiC Foams | 1722 |
| <i>W. Yu, C. Tseng, Z. Ye, M. Y. Chen</i> | |
| Crystallization and Dielectric Property of Si-B-C-N Ceramics at Different Annealing Temperatures | 1739 |
| <i>F. Ye, L. Zhang, X. Yin, Y. Zhang, Y. Liu, L. Cheng</i> | |
| AFM and SAXS Investigations of Ultrasonically Spray Deposited Thin Polyurethane Films | 1751 |
| <i>A. Balakrishnan, B. P. Grady, M. C. Saha, A. S. Madden</i> | |
| Modeling and Simulation of the Miniature Tensile Hopkinson Bar for Characterizing the Dynamic Properties of Fibers | 1766 |
| <i>S. Tamrakar, B. Z. Haque, J. W. Gillespie Jr.</i> | |

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| <i>J. F. Patrick, K. R. Hart, S. R. White, J. S. Moore, N. R. Sottos</i> | |
| The Effect of Vascularization on the In-Plane Tensile Properties and Damage Accumulation of Three-Dimensional Orthogonally Woven Glass Fiber Composites | 1786 |
| <i>A. M. Coppola, P. R. Thakre, N. R. Sottos, S. R. White</i> | |
| Growth of a Hierarchical, Bio-Inspired Vasculature in an Epoxy Matrix Using Sacrificial Fibers and Electrical Treeing | 1792 |
| <i>K. R. Hart, K. D. Behler, E. D. Wetzel, S. R. White</i> | |

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| <i>J. S. Fenner, I. M. Daniel</i> | |
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| <i>A. Siriruk, N. Meek, D. Penumadu</i> | |

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| <i>D. Haruyama, A. Todoroki, Y. Mizutani, Y. Suzuki</i> | |
| Development of a Biaxial Fatigue Test for Laminated Composite Plates under Normal and Shear Loadings | 1841 |
| <i>R. Mandapati, P. K. Mallick</i> | |
| Validation of a Progressive Fatigue Damage Model for Composite Laminates using Digital Imaging Correlation | 1857 |
| <i>A. Krishnan, A. Conway, X. Xiao</i> | |

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| Detection of Defects in CFRP Laminates using Pulse Phase Thermography | 1868 |
| <i>M. Ishikawa, H. Hatta, Y. Habuka, R. Fukui, S. Utsunomiya</i> | |
| Monitoring Acoustic Emission in a PRSEUS Fuselage Panel Under Combined Loading | 1878 |
| <i>A. Khanolkar, A. Bergan, D. Ozevin, Jo. Awerbuch, T. M. Tan</i> | |

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| Assessment of Damage-Containment Features of a Full-Scale PRSEUS Fuselage Panel through Test and Teardown | 1898 |
| <i>A. Bergan, J. G. Bakuckas Jr., A. E. Lovejoy, D. C. Jegley, J. Awerbuch, T. M. Tan</i> | |

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| Study of the Maximum Lateral Displacement of the Electroactive Bucky Gel Morphing Nanocomposite | 1918 |
| <i>A. K. Ghamsari, Y. Jin, E. Woldesenbet</i> | |
| Optically Transparent PMMA Composite Reinforced by PAN Hollow Nanofibers | 1929 |
| <i>W. Hu, D. Antoine, F. Lin, K. Chen, X. Yu</i> | |
| Effect of Amino-Functionalized MWCNTs on High Velocity Impact Properties of E-Glass/Epoxy Composites | 1937 |
| <i>M. Rahman, M. Hosur, S. Zainuddin, U. Vaidya, A. Kumar, J. Trovillion, S. Jeelani</i> | |
| Interfacial Shear Strength of a Cured Vinyl Ester Resin at Graphene Sheets from Molecular Dynamics Simulations | 1951 |
| <i>C. Jang, T. E. Lacy, S. R. Gwalmey, H. Tohigani, C. U. Pittman Jr.</i> | |

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| Quasi-Static Investigations on Simulated Hail Ice (SHI) | 1970 |
| <i>P. Feraboli, B. Xu, O. Marquardt</i> | |
| Tensile Behaviour of Drilling Induced Damage of Hybrid Composites | 1976 |
| <i>F. Ahmad, M. A. Bin Maoinser</i> | |
| Thickness Effects on Failure Mechanics of 2D Woven Composites | 1984 |
| <i>B. Justusson, M. Pankow, A. M. Waas, C. F. Yen</i> | |
| Damage Resistance of PAN/PITCH Hybrid CFRP Subjected to Simulated Lightning Current | 1994 |
| <i>Y. Hirano, Y. Iwahori</i> | |

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| Effect of Constituent Ply Thickness on Mechanical Properties in CFRP Angle-Ply Laminates | 2002 |
| <i>S. Ogihara, H. Nakatani</i> | |
| Strength Evaluation and Mechanism of Self-Resistance Welding Method Utilizing the Conductivity of CFRTP | 2014 |
| <i>M. Kawagoe, Y. Mizutani, A. Todoroki, Y. Suzuki</i> | |
| Determination of Through-Thickness Strain in Composite Laminates | 2026 |
| <i>A. Naghashpour, S. V. Hoa</i> | |
| Effect of Sizing and Gauge Length on the Tensile Properties of PAN-Based Carbon Fibers | 2041 |
| <i>S. G. Adeoye, M. C. Saha, M. C. Altan</i> | |
| The Effect of Moisture on Free Edge Delamination Due to Residual Stresses | 2054 |
| <i>M. R. Wisnom, P. E. Symes-Thompson</i> | |
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| <i>J. Liang, M. C. Saha</i> | |
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