

TABLE OF CONTENTS

VOLUME 11, ISSUE 2, 2018

Thermohydrodynamic Modeling of Squeeze Film Dampers in High-Speed Turbomachinery

Sina Hamzehlouia and Kamran Behdinan | **129**

Corrosion Behavior of Automotive Materials with Biodiesel: A Different Approach

Kamalesh A. Sorate and Purnanand V. Bhale | **147**

Soot Observations and Exhaust Soot Comparisons from Ethanol-Blended and Methanol-Blended Gasoline Combustion in a Direct-Injected Engine

Ravi Teja Vedula, Yifan Men, Cyrus Atis, Tom Stuecken, Guoming Zhu, Harold Schock, and Steven Wooldridge | **163**

Effect of Spray-Exhaust Gas Interactions on Ammonia Generation in SCR Mixing Sections

Verena Schallhart and Lukas Moeltner | **181**

Improved Lubrication Properties and Characterization of GO Nanoparticles as Lubricant Additives on Hypereutectic Al-17Si/AISI25100 Steel Sliding Pair

K.N.D. Malleswara Rao, I.N. Niranjana Kumar, and R. Praveen Kumar | **201**