

Mamoon Shaafaey

Defence Faculty
National Institute of Transportation

Email: mamoon@nit.nust.edu.pk
Contact:
LinkedIn: www.linkedin.com/in/mamoon-shaafaey-20420b23



About

Dr. Mamoon Shaafaey is working as Defence Faculty in the National Institute of Transportation. Dr. Mamoon Shaafaey has a PhD in Polymer Degradation. Dr. Mamoon Shaafaey has published 3 research articles & conference papers having a citation count of 153, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Polymer Degradation Michigan State University , United States	2019 - 2023
MS in Structural Engineering Michigan State University , United States	2017 - 2019
BS in Civil Engineering Military College Of Engineering Risalpur , Pakistan	2007 - 2011

Experience

Defence Faculty National Institute of Transportation	2023- Present
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Research Articles

Investigation of hygrothermal aging on the polyurethane-based (PUB) adhesive: substantiating competition scenario between sub-aging thermo-oxidation and hydrolytic phenomena <i>Mamoon Shaafaey Amir Bahrololoumi Hamid Mohammadi Sharif Alazhary Roozbeh Dargazany</i> <i>Journal of Polymer Research</i> , Volume 28, Issue 12, Article Number 453 Impact Factor: 3.061 Quartile: 2 Citations: 15 DOI: https://doi.org/10.1007/s10965-021-02718-4	2021
A multi-physics approach on modeling of hygrothermal aging and its effects on constitutive behavior of cross-linked polymers <i>Mamoon Shaafaey Amir Bahrololoumi Vahid Morovati Roozbeh Dargazany</i> <i>Journal of the Mechanics and Physics of Solids</i> , Volume 156, Article Number 104614 Impact Factor: 5.582 Quartile: 1 Citations: 38 DOI: https://doi.org/10.1016/j.jmps.2021.104614	2021
Drying shrinkage of alkali activated binders cured at room temperature <i>Mamoon Shaafaey Faris Matalkah Talal Salem Parviz Soroushian</i> <i>Construction and Building Materials</i> , Volume:201, Page:563-570 Impact Factor: 4.419 Quartile: 1 Citations: 100 DOI: https://doi.org/10.1016/j.conbuildmat.2018.12.223	2019