

Joseph D Hoffman

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

222
citations

1040056

9
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

220
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Shape Sensing of Polymer Core Composite Electrical Transmission Lines Using FBG Sensors. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 249-257. | 4.7 | 20 |
| 2 | FBG monitoring of curing in single fiber polymer composites. Composites Science and Technology, 2020, 198, 108308. | 7.8 | 19 |
| 3 | Determination of gel point and completion of curing in a single fiber/polymer composite. Composites Science and Technology, 2020, 188, 107997. | 7.8 | 16 |
| 4 | Monitoring of Overhead Transmission Conductors Subjected to Static and Impact Loads Using Fiber Bragg Grating Sensors. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 595-605. | 4.7 | 29 |
| 5 | Ballistic fragmentation confinement of coated brittle transformer bushing models. International Journal of Impact Engineering, 2018, 122, 363-373. | 5.0 | 3 |
| 6 | Low-velocity impact to transmission line conductors. International Journal of Impact Engineering, 2017, 106, 64-72. | 5.0 | 13 |
| 7 | The role of corrosion product deposition in galvanic corrosion of aluminum/carbon systems. Corrosion Science, 2017, 114, 10-16. | 6.6 | 46 |
| 8 | Aging of a polymer core composite conductor: Mechanical properties and residual stresses. Composites Part A: Applied Science and Manufacturing, 2015, 69, 159-167. | 7.6 | 20 |
| 9 | Effect of a surface coating on flexural performance of thermally aged hybrid glass/carbon epoxy composite rods. Composites Science and Technology, 2015, 106, 141-148. | 7.8 | 28 |
| 10 | The effect of ozone on polymer degradation in Polymer Core Composite Conductors. Polymer Degradation and Stability, 2013, 98, 436-445. | 5.8 | 27 |
| 11 | Ab Initio Modeling of the Mechanical Properties of Carbon Nanotubes Using Gaussian. , 2011, , . | | 1 |