

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	The role of corrosion product deposition in galvanic corrosion of aluminum/carbon systems. Corrosion Science, 2017, 114, 10-16.	6.6	46
2	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
3	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
4	The effect of ozone on polymer degradation in Polymer Core Composite Conductors. Polymer Degradation and Stability, 2013, 98, 436-445.	5.8	27
5	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
6	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
7	FBG monitoring of curing in single fiber polymer composites. Composites Science and Technology, 2020, 198, 108308.	7.8	19
8	Determination of gel point and completion of curing in a single fiber/polymer composite. Composites Science and Technology, 2020, 188, 107997.	7.8	16
9	Low-velocity impact to transmission line conductors. International Journal of Impact Engineering, 2017, 106, 64-72.	5.0	13
10	Ballistic fragmentation confinement of coated brittle transformer bushing models. International Journal of Impact Engineering, 2018, 122, 363-373.	5.0	3
11	Ab Initio Modeling of the Mechanical Properties of Carbon Nanotubes Using Gaussian. , 2011, , .		1