

# John Considine

## List of Publications by Year in descending order

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22  
papers

228  
citations

1478505

6  
h-index

996975

15  
g-index

25  
all docs

25  
docs citations

25  
times ranked

396  
citing authors

#	ARTICLE	IF	CITATIONS
1	Humidity dependence of fracture toughness of cellulose fibrous networks. <i>Engineering Fracture Mechanics</i> , 2022, 264, 108330.	4.3	2
2	Inverse identification of elastic constants using Airy stress function: theory and application. <i>Meccanica</i> , 2021, 56, 2381.	2.0	1
3	Toughening Poly(methyl methacrylate) via Reinforcement with Cellulose Nanofibrils. <i>ACS Applied Polymer Materials</i> , 2021, 3, 6102-6110.	4.4	4
4	Mechanical Characterization of Cellulose Nanofibril Materials Made by Additive Manufacturing. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2019, , 43-45.	0.5	3
5	Printing and mechanical characterization of cellulose nanofibril materials. <i>Cellulose</i> , 2019, 26, 2639-2651.	4.9	17
6	Determination of Constitutive Parameters in Inverse Problem Using Thermoelastic Data. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2019, , 25-34.	0.5	2
7	Determination of Constitutive Properties in Inverse Problem Using Airy Stress Function. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2018, , 73-81.	0.5	2
8	Smoothly varying in-plane stiffness heterogeneity evaluated under uniaxial tensile stress. <i>Strain</i> , 2017, 53, e12237.	2.4	9
9	Stiffness Heterogeneity of Multiply Paperboard Examined with VFM. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2017, , 151-159.	0.5	3
10	Sensitivity Analysis of Hybrid Thermoelastic Techniques. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2017, , 29-36.	0.5	0
11	Optimized Test Design for Identification of the Variation of Elastic Stiffness Properties of Loblolly Pine ( <i>Pinus taeda</i> ) Pith to Bark. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2016, , 67-76.	0.5	2
12	Use of VFM for Heterogeneity Evaluation of Materials Under Uniaxial Tensile Stress. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2016, , 61-66.	0.5	1
13	Influence of drying restraint on physical and mechanical properties of nanofibrillated cellulose films. <i>Cellulose</i> , 2014, 21, 347-356.	4.9	49
14	General Anisotropy Identification of Paperboard with Virtual Fields Method. <i>Experimental Mechanics</i> , 2014, 54, 1395-1410.	2.0	17
15	Indentation Measurements on Soft Materials Using Optical Surface Deformation Measurements. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2014, , 41-51.	0.5	0
16	Determining the Elastic Modulus of Compliant Thin Films Supported on Substrates from Flat Punch Indentation Measurements. <i>Experimental Mechanics</i> , 2013, 53, 931-941.	2.0	9
17	Strong and Optically Transparent Films Prepared Using Cellulosic Solid Residue Recovered from Cellulose Nanocrystals Production Waste Stream. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 2527-2534.	8.0	88
18	Improved Instrumented Indentation of Soft Materials through Surface Deformation Measurements. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2013, , 141-147.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Evaluation of strength-controlling defects in paper by stress concentration analyses. Journal of Composite Materials, 2012, 46, 1323-1334.	2.4	5
20	Effect of Inorganic Fillers in Paper on the Adhesion of Pressure-Sensitive Adhesives. Journal of Adhesion Science and Technology, 2011, 25, 581-596.	2.6	6
21	Z-direction fiber orientation in paperboard. Tappi Journal, 2010, 9, 25-32.	0.5	4
22	A METHOD FOR MECHANICAL PROPERTY TESTING OF PAPERBOARD DURING COMPRESSIVE CREEP IN A CYCLIC HUMIDITY ENVIRONMENT. Experimental Techniques, 1987, 11, 18-21.	1.5	2