

Hadi Dabiryan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A novel in-plane isotropic fibrous structure for laminated composite applications: Mathematical and numerical modeling. <i>Mechanics of Advanced Materials and Structures</i> , 2023, 30, 236-248.	2.6	2
2	Double-core helical auxetic yarn: a Novel structure, geometrical modeling and experimental verification. <i>Journal of the Textile Institute</i> , 2022, 113, 1256-1269.	1.9	4
3	Numerical and experimental study of buckling behavior of delaminated plate in glass woven fabric composite laminates. <i>Journal of Engineered Fibers and Fabrics</i> , 2022, 17, 155892502210912.	1.0	0
4	Effect of Z-fiber orientation on the bending behavior of sandwich-structured composite: Numerical and experimental study. <i>Composite Structures</i> , 2021, 256, 113140.	5.8	11
5	Numerical and experimental study of internal pressure behaviour of integrated and non-integrated weft-knitted reinforced composite elbows. <i>Journal of Composite Materials</i> , 2021, 55, 2765-2775.	2.4	1
6	Modeling the Geometry of Weft-knitted Integrated Preforms as Reinforcement of Composite Joints. <i>Fibers and Polymers</i> , 2021, 22, 2572-2580.	2.1	1
7	Mathematical and numerical simulation of geometry and mechanical behavior of sandwich composites reinforced with 1-rib-gaiting weft-knitted spacer fabric; compressional behavior. <i>Composite Structures</i> , 2021, 268, 113952.	5.8	7
8	Mesoscale model for elastic modulus of warp-knitted fabric-reinforced composites based on spring model. <i>Journal of Industrial Textiles</i> , 2020, 50, 46-69.	2.4	1
9	Theoretical and experimental investigation of tensile properties of net warp-knitted spacer fabrics. <i>Journal of the Textile Institute</i> , 2020, 111, 518-528.	1.9	8
10	Study of tensile properties of plain-woven fabrics in all-directional using energy method, Part I: theoretical study. <i>Journal of the Textile Institute</i> , 2020, 111, 1331-1345.	1.9	0
11	Low-velocity impact behavior of composites reinforced with weft-knitted spacer glass fabrics. <i>Journal of Industrial Textiles</i> , 2019, 49, 465-483.	2.4	17
12	Investigation of Circular Woven Composite Preforms for Composite Pipes. <i>Autex Research Journal</i> , 2016, 16, 100-108.	1.1	8
13	Effect of cellusoft enzyme treatment on the pilling performance of weft-knitted fabrics using image analysis. <i>Journal of the Textile Institute</i> , 2016, 107, 849-853.	1.9	2
14	Analysis of warp knitted fabric structure. Part I: a 3D straight line model for warp knitted fabrics. <i>Journal of the Textile Institute</i> , 2011, 102, 1065-1074.	1.9	16
15	An innovative design of planar fabric structure with transversely isotropic properties. <i>Journal of the Textile Institute</i> , 0, , 1-12.	1.9	1
16	Investigation on Poisson's ratio of tubular braid's structure, considering different structural deformation regimes, Part 1: experimental study. <i>Journal of the Textile Institute</i> , 0, , 1-11.	1.9	3
17	A systematic study on the predictability of different methods to predict the maximum Poisson's ratio of helical auxetic yarn. <i>Journal of the Textile Institute</i> , 0, , 1-12.	1.9	9