

# Tasneem Pervez

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

401  
citations

840776

11  
h-index

839539

18  
g-index

33  
all docs

33  
docs citations

33  
times ranked

241  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical and structural behavior of a swelling elastomer under compressive loading. <i>Materials &amp; Design</i> , 2013, 45, 487-496.	5.1	52
2	Structural behavior of solid expandable tubular undergoes radial expansion process – Analytical, numerical, and experimental approaches. <i>International Journal of Solids and Structures</i> , 2013, 50, 2980-2994.	2.7	49
3	Viscous damping approximation of laminated anisotropic composite plates using the finite element method. <i>Computer Methods in Applied Mechanics and Engineering</i> , 1990, 81, 291-316.	6.6	45
4	Performance evaluation of swelling elastomer seals. <i>Journal of Petroleum Science and Engineering</i> , 2018, 165, 127-135.	4.2	38
5	Progress and challenges in sustainability, compatibility, and production of composites: A state-of-art review. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51284.	2.6	34
6	Die Defects and Die Corrections in Metal Extrusion. <i>Metals</i> , 2018, 8, 380.	2.3	28
7	On the performance analysis of AHSS with an application to SET technology – FEM simulations and experimental measurements. <i>Thin-Walled Structures</i> , 2016, 101, 58-74.	5.3	22
8	Transient dynamic and damping analysis of laminated anisotropic plates using a refined plate theory. <i>International Journal for Numerical Methods in Engineering</i> , 1992, 33, 1059-1080.	2.8	21
9	Performance evaluation of water-swelling and oil-swelling elastomers. <i>Journal of Elastomers and Plastics</i> , 2016, 48, 535-545.	1.5	21
10	Analytical model for stick-slip phenomenon in solid tubular expansion. <i>Journal of Petroleum Science and Engineering</i> , 2015, 125, 218-233.	4.2	15
11	Finite Element Simulation of Compression of Elastomeric Seals in Open Hole Liners. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2010, 132, .	2.3	12
12	Optimum Mandrel Configuration for Efficient Down-Hole Tube Expansion. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2015, 137, .	2.2	12
13	Polymer powder and pellets comparative performances as bio-based composites. <i>Iranian Polymer Journal (English Edition)</i> , 2021, 30, 269-283.	2.4	11
14	Microstructure evolution of ultra-fine grain low-carbon steel tubular undergoing radial expansion process. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 654, 94-106.	5.6	10
15	Modeling and simulations of transformation and twinning induced plasticity in advanced high strength austenitic steels. <i>Mechanics of Materials</i> , 2016, 95, 83-101.	3.2	10
16	Finite Element Analysis of Tubular Ovality in Oil Well. <i>Advanced Materials Research</i> , 0, 264-265, 1654-1659.	0.3	8
17	New Synthesis Routes toward Improvement of Natural Filler/Synthetic Polymer Interfacial Crosslinking. <i>Polymers</i> , 2022, 14, 629.	4.5	5
18	Long-Term Performance Assessment of Swell Packers Under Different Oilfield Conditions. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2021, 143, .	2.3	3

#	ARTICLE	IF	CITATIONS
19	Design and construction of test facility for evaluation of swell packers in cased and open holes. Journal of Petroleum Exploration and Production, 2021, 11, 4063-4073.	2.4	3
20	Optimum Mandrel Configuration for Efficient Down-Hole Tube Expansion. , 2012, , .		1
21	Using CDIO Principles for Teaching of Mechanical Design Courses. , 2022, , .		1
22	Envisioning the future of a university through environment scanning. Qscience Proceedings, 2014, 2014, 18.	0.0	0
23	Indirect Extrusion: A Multifaceted Approach of Sub-surface Tubular Expansion. , 0, , .		0
24	Numerical Investigation of Elastomer Seal Performance. , 0, , .		0
25	Swelling Behavior of Elastomers under Water, Oil, and Acid. , 0, , .		0
26	Long-Term Integrity Testing of Water-Swelling and Oil-Swelling Packers. , 0, , .		0
27	Swelling Elastomer Applications in Petroleum Drilling and Development. , 0, , .		0
28	Analytical Model for Seal Contact Pressure. , 0, , .		0
29	New Analytical Model for Swellable Materials. , 0, , .		0
30	Swelling Elastomers and Tubular Expansionâ€”Numerical Investigation. , 0, , .		0
31	Finite Element Analysis of Plastic Yielding at a Circular Hole in a Laminated Composite Plate Based on Refined Plate Theory. , 1995, , 141-158.		0
32	Integrating teaching of contemporary issues into engineering education: A case study. Qscience Proceedings, 2015, , .	0.0	0
33	Novel Method for Determination of Polymerâ€™Solvent Interaction Parameter Using Mechanical Properties. Arabian Journal for Science and Engineering, 0, , .	3.0	0