

# W L Fourney

## List of Publications by Year in descending order

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21  
papers

242  
citations

1307594

7  
h-index

996975

15  
g-index

22  
all docs

22  
docs citations

22  
times ranked

142  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the uniqueness of the stress intensity factor ? crack velocity relationship. International Journal of Fracture, 1985, 27, 159-168.	2.2	113
2	Mechanism of loading on plates due to explosive detonation. International Journal for Blasting and Fragmentation, 2005, 9, 205-217.	0.2	25
3	A polymeric split Hopkinson pressure bar instrumented with velocity gages. Experimental Mechanics, 2003, 43, 420-427.	2.0	24
4	Fracture initiation and propagation from a center of dilatation. International Journal of Fracture, 1975, 11, 1011-1029.	2.2	17
5	In-fiber doppler velocimeter for velocity measurements of moving surfaces. Experimental Mechanics, 1997, 37, 328-332.	2.0	10
6	Identification of Interaction Pressure Between Structure and Explosive with Inverse Approach. Experimental Mechanics, 2011, 51, 815-830.	2.0	9
7	Investigation of Stress Wave Propagation Through Intersecting Bars. Journal of Applied Mechanics, Transactions ASME, 1984, 51, 345-353.	2.2	8
8	Four Exposure Holographic Moiré Technique. Applied Optics, 1973, 12, 2552.	2.1	7
9	Application of holographic interferometry to a study of wave propagation in rock. Experimental Mechanics, 1977, 17, 281-289.	2.0	7
10	Mitigation of Accelerations Caused by Blast Loading Utilizing Polymeric-Coated Metallic Thin-Walled Cylinders. Journal of Dynamic Behavior of Materials, 2015, 1, 259-274.	1.7	5
11	The Effect of Polyurea Mass Ratio on the Acceleration Mitigation Capabilities of Dynamically Loaded Structures. Journal of Dynamic Behavior of Materials, 2015, 1, 28-42.	1.7	5
12	The reciprocal character of rayleigh-waves and cracks. Rock Mechanics Felsmechanik Mecanique Des Roches, 1981, 14, 37-42.	0.2	3
13	Response of oil shale to fragmentation by cylindrical charges. Rock Mechanics and Rock Engineering, 1995, 28, 37-57.	5.4	3
14	Traumatic Brain Injury in Rats Caused by Blast-Induced Hyper-Acceleration. IFMBE Proceedings, 2010, , 1-4.	0.3	3
15	A technique for reducing the fringe frequency in large-displacement holography. Experimental Mechanics, 1974, 14, 286-289.	2.0	2
16	Dynamic Photoelasticity and Holography Applied to Crack and Wave Propagation. , 1983, , 209-228.		1
17	Author's Closure on "Normal Modes and Natural Frequencies of Combined Structures" [W. L. Fourney and G. J. O'Hara, J. Acoust. Soc. Amer. 44, 1220-1224 (1968)]. Journal of the Acoustical Society of America, 1969, 46, 824-824.	1.1	0
18	Dynamic modulus and damping in graphite composites. Polymer Engineering and Science, 1973, 13, 395-397.	3.1	0

#	ARTICLE	IF	CITATIONS
19	Crush zone size dependence on charge size. AIP Conference Proceedings, 1996, , .	0.4	0
20	Development of an optical fiber strain sensor for explosively generated stress wave propagation applications. International Journal for Blasting and Fragmentation, 1997, 1, 471-486.	0.2	0
21	Displacement of sand and obstacles under standing water with explosives. International Journal for Blasting and Fragmentation, 1997, 1, 393-416.	0.2	0