

# A Al-Mayah

## List of Publications by Year in descending order

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14  
papers

710  
citations

759055

12  
h-index

1058333

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g-index

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docs citations

14  
times ranked

527  
citing authors

#	ARTICLE	IF	CITATIONS
1	Measuring the Hyperelastic Response of Porcine Liver Tissues In-Vitro Using Controlled Cavitation Rheology. <i>Experimental Mechanics</i> , 2021, 61, 445-458.	1.1	4
2	Measuring Hyperelastic Properties of Hydrogels Using Cavity Expansion Method. <i>Experimental Mechanics</i> , 2019, 59, 1047-1061.	1.1	14
3	Simplified Anchor System for CFRP Rods. <i>Journal of Composites for Construction</i> , 2013, 17, 584-590.	1.7	37
4	Validation of a method for measuring the volumetric breast density from digital mammograms. <i>Physics in Medicine and Biology</i> , 2010, 55, 3027-3044.	1.6	49
5	The myth of the 50â€50 breast. <i>Medical Physics</i> , 2009, 36, 5437-5443.	1.6	209
6	Sliding characteristic and material compressibility of human lung: Parametric study and verification. <i>Medical Physics</i> , 2009, 36, 4625-4633.	1.6	60
7	Effect of rod profile and strength on the contact behavior of CFRPâ€metal couples. <i>Composite Structures</i> , 2008, 82, 19-27.	3.1	17
8	Contact surface and material nonlinearity modeling of human lungs. <i>Physics in Medicine and Biology</i> , 2008, 53, 305-317.	1.6	85
9	Novel Anchor System for CFRP Rod: Finite-Element and Mathematical Models. <i>Journal of Composites for Construction</i> , 2007, 11, 469-476.	1.7	60
10	FEM and mathematical models of the interfacial contact behaviour of CFRP-metal couples. <i>Composite Structures</i> , 2006, 73, 33-40.	3.1	23
11	Development and Assessment of a New CFRP Rodâ€Anchor System for Prestressed Concrete. <i>Applied Composite Materials</i> , 2006, 13, 321-334.	1.3	64
12	Effect of Sleeve Material on Interfacial Contact Behavior of CFRP-Metal Couples. <i>Journal of Materials in Civil Engineering</i> , 2006, 18, 825-830.	1.3	21
13	Effect of Sandblasting on Interfacial Contact Behavior of Carbon-Fiber-Reinforced Polymer-Metal Couples. <i>Journal of Composites for Construction</i> , 2005, 9, 289-295.	1.7	21
14	Mechanical Behavior of CFRP Rod Anchors under Tensile Loading. <i>Journal of Composites for Construction</i> , 2001, 5, 128-135.	1.7	46