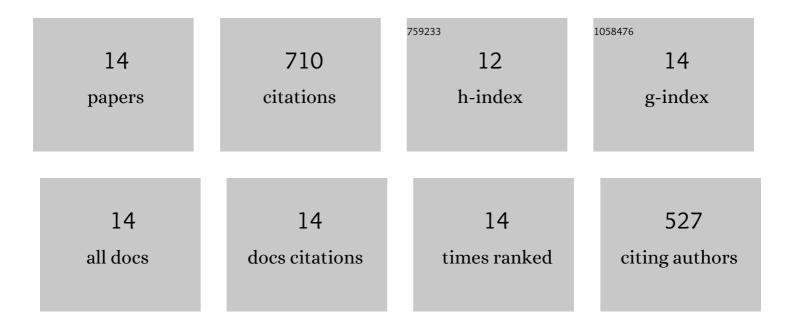
A Al-Mayah

List of Publications by Year in descending order

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Δ Δι-Μαναμ

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The myth of the 50â€50 breast. Medical Physics, 2009, 36, 5437-5443. | 3.0 | 209 |
| 2 | Contact surface and material nonlinearity modeling of human lungs. Physics in Medicine and Biology, 2008, 53, 305-317. | 3.0 | 85 |
| 3 | Development and Assessment of a New CFRP Rod–Anchor System for Prestressed Concrete. Applied Composite Materials, 2006, 13, 321-334. | 2.5 | 64 |
| 4 | Novel Anchor System for CFRP Rod: Finite-Element and Mathematical Models. Journal of Composites for Construction, 2007, 11, 469-476. | 3.2 | 60 |
| 5 | Sliding characteristic and material compressibility of human lung: Parametric study and verification. Medical Physics, 2009, 36, 4625-4633. | 3.0 | 60 |
| 6 | Validation of a method for measuring the volumetric breast density from digital mammograms. Physics in Medicine and Biology, 2010, 55, 3027-3044. | 3.0 | 49 |
| 7 | Mechanical Behavior of CFRP Rod Anchors under Tensile Loading. Journal of Composites for Construction, 2001, 5, 128-135. | 3.2 | 46 |
| 8 | Simplified Anchor System for CFRP Rods. Journal of Composites for Construction, 2013, 17, 584-590. | 3.2 | 37 |
| 9 | FEM and mathematical models of the interfacial contact behaviour of CFRP-metal couples. Composite Structures, 2006, 73, 33-40. | 5.8 | 23 |
| 10 | Effect of Sandblasting on Interfacial Contact Behavior of Carbon-Fiber-Reinforced Polymer-Metal Couples. Journal of Composites for Construction, 2005, 9, 289-295. | 3.2 | 21 |
| 11 | Effect of Sleeve Material on Interfacial Contact Behavior of CFRP-Metal Couples. Journal of Materials in Civil Engineering, 2006, 18, 825-830. | 2.9 | 21 |
| 12 | Effect of rod profile and strength on the contact behavior of CFRP–metal couples. Composite Structures, 2008, 82, 19-27. | 5.8 | 17 |
| 13 | Measuring Hyperelastic Properties of Hydrogels Using Cavity Expansion Method. Experimental Mechanics, 2019, 59, 1047-1061. | 2.0 | 14 |
| 14 | Measuring the Hyperelastic Response of Porcine Liver Tissues In-Vitro Using Controlled Cavitation Rheology. Experimental Mechanics, 2021, 61, 445-458. | 2.0 | 4 |