

Mostafa Elsaadany

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

131
citations

1478280
6
h-index

1719901
7
g-index

7
all docs

7
docs citations

7
times ranked

207
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting cell viability within tissue scaffolds under equiaxial strain: multi-scale finite element model of collagenâ€cardiomyocytes constructs. <i>Biomechanics and Modeling in Mechanobiology</i> , 2017, 16, 1049-1063.	1.4	5
2	Creating homogenous strain distribution within 3D cellâ€encapsulated constructs using a simple and costâ€effective uniaxial tensile bioreactor: Design and validation study. <i>Biotechnology and Bioengineering</i> , 2017, 114, 1878-1887.	1.7	22
3	Equiaxial Strain Modulates Adipose-derived Stem Cell Differentiation within 3D Biphasic Scaffolds towards Annulus Fibrosus. <i>Scientific Reports</i> , 2017, 7, 12868.	1.6	25
4	Effect of Uniaxial Tensile Cyclic Loading Regimes on Matrix Organization and Tenogenic Differentiation of Adipose-Derived Stem Cells Encapsulated within 3D Collagen Scaffolds. <i>Stem Cells International</i> , 2017, 2017, 1-16.	1.2	20
5	Design and Validation of Equiaxial Mechanical Strain Platform, EQUicycler, for 3D Tissue Engineered Constructs. <i>BioMed Research International</i> , 2017, 2017, 1-12.	0.9	23
6	Exogenous nitric oxide (NO) generated by NO-plasma treatment modulates osteoprogenitor cells early differentiation. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 345401.	1.3	16
7	In situ osteoblast mineralization mediates post-injection mechanical properties of osteoconductive material. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014, 38, 143-153.	1.5	20