

John D Obayemi

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

160
citations

1478505

6
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

217
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of creep properties and the cytoskeletal structures of non-tumorigenic breast cells and triple-negative breast cancer cells. Journal of Biomedical Materials Research - Part A, 2022, 110, 1004-1020.	4.0	5
2	Hydroxyapatite and bone particle-doped ceramic water filters for the removal of fluoride and bacteria. Cogent Engineering, 2022, 9, .	2.2	2
3	Fracture and fatigue behavior of Bambusa Vulgaris-Schrad Bamboo. Cogent Engineering, 2021, 8, .	2.2	1
4	An investigation into compressive deformation and failure mechanisms in a novel Li-ion solid-state electrolyte. MRS Advances, 2021, 6, 154-161.	0.9	4
5	Release kinetics of fungicidal antimicrobials into packaged foods. Journal of Food Safety, 2021, 41, e12904.	2.3	1
6	In vitro studies of Annona muricata L . extract-loaded electrospun scaffolds for localized treatment of breast cancer. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 2041-2056.	3.4	7
7	Actin cytoskeletal structure and the statistical variations of the mechanical properties of non-tumorigenic breast and triple-negative breast cancer cells. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 119, 104505.	3.1	9
8	Concentration-driven phase transition and self-assembly in drying droplets of diluting whole blood. Scientific Reports, 2020, 10, 18908.	3.3	10
9	Mechanical stimulation improves osteogenesis and the mechanical properties of osteoblast-laden RGD-functionalized polycaprolactone/hydroxyapatite scaffolds. Journal of Biomedical Materials Research - Part A, 2020, 108, 2421-2434.	4.0	15
10	Effect of particle size and sintering time on the mechanical properties of porous Ti-6Al-4V implant. SN Applied Sciences, 2020, 2, 1.	2.9	5
11	Compressive deformation of Bambusa Vulgaris-Schrad in the transverse and longitudinal orientations. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 108, 103750.	3.1	5
12	Compressive deformation and failure of trabecular structures in a turtle shell. Acta Biomaterialia, 2019, 97, 535-543.	8.3	18
13	Investigation of adhesive interactions in the specific targeting of Triptorelin-conjugated PEG-coated magnetite nanoparticles to breast cancer cells. Acta Biomaterialia, 2018, 71, 363-378.	8.3	48
14	An investigation of the viscoelastic properties and the actin cytoskeletal structure of triple negative breast cancer cells. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 86, 1-13.	3.1	30
15	Mechanical and thermal properties of polydimethylsiloxane/magnetite nanocomposites for cancer treatment by localized hyperthermia and Photothermal ablation. Journal of Applied Polymer Science, 0, , .	2.6	0