

Bankole I Oladapo

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

923
citations

394421
19
h-index

454955
30
g-index

32
all docs

32
docs citations

32
times ranked

619
citing authors

#	ARTICLE	IF	CITATIONS
1	3D printing of bone scaffolds with hybrid biomaterials. Composites Part B: Engineering, 2019, 158, 428-436.	12.0	152
2	Review on 3D printing: Fight against COVID-19. Materials Chemistry and Physics, 2021, 258, 123943.	4.0	75
3	3D printing of PEEK and its composite to increase biointerfaces as a biomedical material- A review. Colloids and Surfaces B: Biointerfaces, 2021, 203, 111726.	5.0	72
4	3D printing of PEEKâ€“cHAp scaffold for medical bone implant. Bio-Design and Manufacturing, 2021, 4, 44-59.	7.7	63
5	Lattice design and 3D-printing of PEEK with Ca10(OH)(PO4)3 and in-vitro bio-composite for bone implant. International Journal of Biological Macromolecules, 2020, 165, 50-62.	7.5	52
6	Microanalysis of hybrid characterization of PLA/cHA polymer scaffolds for bone regeneration. Polymer Testing, 2020, 83, 106341.	4.8	47
7	Nanostructural computation of 4D printing carboxymethylcellulose (CMC) composite. Nano Structures Nano Objects, 2020, 21, 100423.	3.5	42
8	Design and Simulation of Fatigue Analysis for a Vehicle Suspension System (VSS) and its Effect on Global Warming. Procedia Engineering, 2016, 159, 124-132.	1.2	40
9	3D printing and morphological characterisation of polymeric composite scaffolds. Engineering Structures, 2020, 216, 110752.	5.3	38
10	Analytical optimization of a nanoparticle of microstructural fused deposition of resins for additive manufacturing. Composites Part B: Engineering, 2018, 150, 248-254.	12.0	35
11	Mechanical performances of hip implant design and fabrication with PEEK composite. Polymer, 2021, 227, 123865.	3.8	29
12	Design and finite element analysis of a fatigue life prediction for safe and economical machine shaft. Journal of Materials Research and Technology, 2019, 8, 105-111.	5.8	27
13	Microstructural evaluation of aluminium alloy A365 T6 in machining operation. Journal of Materials Research and Technology, 2019, 8, 3213-3222.	5.8	22
14	Impact of rGO-coated PEEK and lattice on bone implant. Colloids and Surfaces B: Biointerfaces, 2022, 216, 112583.	5.0	22
15	Model design and simulation of automatic sorting machine using proximity sensor. Engineering Science and Technology, an International Journal, 2016, 19, 1452-1456.	3.2	21
16	Mechanical characterization of a polymeric scaffold for bone implant. Journal of Materials Science, 2020, 55, 9057-9069.	3.7	21
17	Analytical modelling of in situ layer-wise defect detection in 3D-printed parts: additive manufacturing. International Journal of Advanced Manufacturing Technology, 2020, 111, 2311-2321.	3.0	20
18	Nanostructural interface and strength of polymer composite scaffolds applied to intervertebral bone. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 627, 127190.	4.7	20

#	ARTICLE	IF	CITATIONS
19	Model design of a superconducting quantum interference device of magnetic field sensors for magnetocardiography. Biomedical Signal Processing and Control, 2018, 46, 116-120.	5.7	19
20	Polymeric composites of cubic-octahedron and gyroid lattice for biomimetic dental implants. Materials Chemistry and Physics, 2022, 289, 126454.	4.0	14
21	Design, simulation and implementation of a PID vector control for EHPMSM for an automobile with hybrid technology. Journal of Materials Research and Technology, 2019, 8, 54-62.	5.8	11
22	Nano-structures of 4D morphology surface analysis of $C_{1.7}Mn_{0.6}$	3.5	11
23	Modelling detection of magnetic hysteresis properties with a microcontroller. SSRG International Journal of Engineering Trends and Technology, 2019, 67, 5-12.	0.5	11
24	Experimental analysis of electro-pneumatic optimization of hot stamping machine control systems with on-delay timer. Journal of Applied Research and Technology, 2017, 15, 356-364.	0.9	9
25	Microstructural 4D printing investigation of ultra-sonication biocomposite polymer. Journal of King Saud University, Engineering Sciences, 2021, 33, 54-60.	2.0	9
26	Hysteresis analysis of Thornton (IP6, IP12E and TH5V) magnetic materials through the use of Arduino microcontroller. Journal of Materials Research and Technology, 2018, 7, 443-449.	5.8	6
27	Model hybrid magnetorheological damping prediction in machine tools. Engineering Structures, 2020, 213, 110621.	5.3	6
28	Experimental analytical design of CNC machine tool SCFC based on electro-pneumatic system simulation. Engineering Science and Technology, an International Journal, 2016, 19, 1958-1965.	3.2	5
29	Analysis for Distortion of Thin-wall Milling on Machine Component and its Effect on Global Warming. Procedia Manufacturing, 2017, 7, 529-536.	1.9	2
30	Development of smart linear velocity measuring device by embedding sensors with the arduino microcontroller. , 2017, , .		1