

Eyitayo Olatunde Olakanmi

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,046
citations

759233

12
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

2178
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Characterization of Chemically and Thermo-chemically Treated Water Reed and Mokolwane Palm Fibers. <i>Journal of Natural Fibers</i> , 2022, 19, 7611-7626. | 3.1 | 3 |
| 2 | Consolidation mechanism, microstructural evolution and corrosion resistance of Inconel 625 coatings. <i>Surface Engineering</i> , 2021, 37, 212-225. | 2.2 | 4 |
| 3 | Optimisation of the wear resistance properties of laser clad T-800 coatings. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 114, 481-496. | 3.0 | 4 |
| 4 | Isothermal Oxidation Performance of Laser Cladding Assisted with Preheat (LCAP) Tribaloy T-800 Composite Coatings Deposited on EN8. <i>Coatings</i> , 2021, 11, 843. | 2.6 | 7 |
| 5 | Experimental and numerical analyses of geometrical and microstructural features of Tribaloy T-800 composite coating deposited via laser cladding-assisted with pre-heat (LCAP) process. <i>Journal of Manufacturing Processes</i> , 2021, 69, 84-111. | 5.9 | 15 |
| 6 | Enzymatic synthesis of highly flexible lignin cross-linked succinyl-chitosan hydrogels reinforced with reed cellulose fibres. <i>European Polymer Journal</i> , 2019, 120, 109201. | 5.4 | 14 |
| 7 | Microstructural Characteristics, Crack Frequency and Diffusion Kinetics of Functionally Graded Ti-Al Composite Coatings: Effects of Laser Energy Density (LED). <i>Jom</i> , 2019, 71, 900-911. | 1.9 | 5 |
| 8 | Conceptual Design Framework for Setting Up Aluminum Alloy Powder Production System for Selective Laser Melting (SLM) Process. <i>Jom</i> , 2019, 71, 1840-1857. | 1.9 | 2 |
| 9 | Multi-variable optimisation of the quality characteristics of fiber-laser clad Inconel-625 composite coatings. <i>Surface and Coatings Technology</i> , 2019, 357, 289-303. | 4.8 | 34 |
| 10 | Mechanism of fiber/matrix bond and properties of wood polymer composites produced from alkaline-treated <i>Daniella oliveri</i> wood flour. <i>Polymer Composites</i> , 2016, 37, 2657-2672. | 4.6 | 19 |
| 11 | Optimization of the Quality Characteristics of Laser-Assisted Cold-Sprayed (LACS) Aluminum Coatings with Taguchi Design of Experiments (DOE). <i>Materials and Manufacturing Processes</i> , 2016, 31, 1490-1499. | 4.7 | 25 |
| 12 | Critical materials and processing challenges affecting the interface and functional performance of wood polymer composites (WPCs). <i>Materials Chemistry and Physics</i> , 2016, 171, 290-302. | 4.0 | 50 |
| 13 | Effects of <i>Daniella oliveri</i> Wood Flour Characteristics on the Processing and Functional Properties of Wood Polymer Composites. <i>Materials and Manufacturing Processes</i> , 2016, 31, 1073-1084. | 4.7 | 10 |
| 14 | A review on selective laser sintering/melting (SLS/SLM) of aluminium alloy powders: Processing, microstructure, and properties. <i>Progress in Materials Science</i> , 2015, 74, 401-477. | 32.8 | 1,271 |
| 15 | Laser-Assisted Cold-Sprayed Corrosion- and Wear-Resistant Coatings: A Review. <i>Journal of Thermal Spray Technology</i> , 2014, 23, 765-785. | 3.1 | 53 |
| 16 | Using structured examples and prompting reflective questions to correct misconceptions about thermodynamic concepts. <i>European Journal of Engineering Education</i> , 2014, 39, 157-187. | 2.3 | 5 |
| 17 | Selective laser sintering/melting (SLS/SLM) of pure Al, Al-Mg, and Al-Si powders: Effect of processing conditions and powder properties. <i>Journal of Materials Processing Technology</i> , 2013, 213, 1387-1405. | 6.3 | 325 |
| 18 | Laser sintering of blended Al-Si powders. <i>Rapid Prototyping Journal</i> , 2012, 18, 109-119. | 3.2 | 50 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Effect of mixing time on the bed density, and microstructure of selective laser sintered (sls) aluminium powders. <i>Materials Research</i> , 2012, 15, 167-176. | 1.3 | 19 |
| 20 | Densification mechanism and microstructural evolution in selective laser sintering of Al ¹² Si powders. <i>Journal of Materials Processing Technology</i> , 2011, 211, 113-121. | 6.3 | 131 |