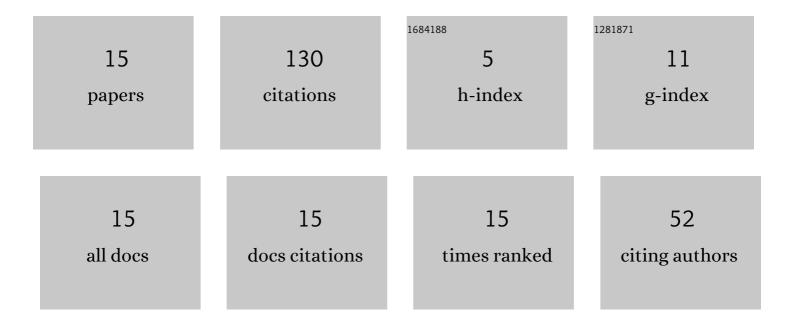
Christian Edmundo Leon Cardenas

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9823830/publications.pdf

Version: 2024-02-01



Christian Edmundo Leon

| # | Article | IF | CITATIONS |
|----|---|------------|--------------|
| 1 | Relationship between FDM 3D Printing Parameters Study: Parameter Optimization for Lower Defects. Polymers, 2021, 13, 2190. | 4.5 | 59 |
| 2 | In-House, Fast FDM Prototyping of a Custom Cutting Guide for a Lower-Risk Pediatric Femoral Osteotomy. Bioengineering, 2021, 8, 71. | 3.5 | 15 |
| 3 | Representative Volume Element (RVE) Analysis for Mechanical Characterization of Fused Deposition Modeled Components. Polymers, 2021, 13, 3555. | 4.5 | 14 |
| 4 | Heat Sterilization Effects on Polymeric, FDM-Optimized Orthopedic Cutting Guide for Surgical Procedures. Journal of Functional Biomaterials, 2021, 12, 63. | 4.4 | 8 |
| 5 | Molds with Advanced Materials for Carbon Fiber Manufacturing with 3D Printing Technology. Polymers, 2021, 13, 3700. | 4.5 | 7 |
| 6 | An Innovative Ford Sedan with Enhanced Stylistic Design Engineering (SDE) via Augmented Reality and Additive Manufacturing. Designs, 2021, 5, 46. | 2.4 | 5 |
| 7 | Smart Cane Developed with DFSS, QFD, and SDE for the Visually Impaired. Inventions, 2021, 6, 58. | 2.5 | 5 |
| 8 | Basic Considerations and Conceptual Design of a VSTOL Vehicle for Urban Transportation. Drones, 2022, 6, 102. | 4.9 | 5 |
| 9 | An Innovative and Cost-Advantage CAD Solution for Cubitus Varus Surgical Planning in Children. Applied Sciences (Switzerland), 2021, 11, 4057. | 2.5 | 3 |
| 10 | GD (Generative Design) Applied to a Plastics Recovery Drone (PRD) Using IDeS (Industrial Design) Tj ETQq0 0 0 r | gBT /Overl | ocg 10 Tf 50 |

| 11 | Disassembly sequence planning validated thru augmented reality for a speed reducer. Cogent Engineering, 2022, 9, . | 2.2 | 3 |
|----|---|-----|---|
| 12 | IDeS (Industrial Design Structure) Method Applied to the Automotive Design Framework: Two Sports Cars with Shared Platform. Inventions, 2022, 7, 36. | 2.5 | 2 |
| 13 | Effectiveness Assessment of CAD Simulation in Complex Orthopedic Surgery Practices. Symmetry, 2021, 13, 850. | 2.2 | 1 |
| 14 | Electric Bike Product Conception and Styling According to Design Trends. Designs, 2022, 6, 42. | 2.4 | 0 |
| 15 | Design Issues of Heavy Fuel APUs Derived from Automotive Turbochargers Part III: Combustor Design Improvement. Machines, 2022, 10, 583. | 2.2 | 0 |