

# Jerzy Bochnia

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

281  
citations

933447

10  
h-index

996975

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

176  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Analysis of Metrological Quality and Mechanical Properties of Models Manufactured with Photo-Curing Polyjet Matrix Technology for Medical Applications. <i>Polymers</i> , 2022, 14, 408.       | 4.5 | 13        |
| 2  | A Comparative Study of the Mechanical Properties of FDM 3D Prints Made of PLA and Carbon Fiber-Reinforced PLA for Thin-Walled Applications. <i>Materials</i> , 2021, 14, 7062.                 | 2.9 | 29        |
| 3  | Waviness of Freeform Surface Characterizations from Austenitic Stainless Steel (316L) Manufactured by 3D Printing-Selective Laser Melting (SLM) Technology. <i>Materials</i> , 2020, 13, 4372. | 2.9 | 24        |
| 4  | Tensile Strength Analysis of Thin-Walled Polymer Glass Fiber Reinforced Samples Manufactured by 3D Printing Technology. <i>Polymers</i> , 2020, 12, 2783.                                      | 4.5 | 23        |
| 5  | The Influence of Printing Orientation on Surface Texture Parameters in Powder Bed Fusion Technology with 316L Steel. <i>Micromachines</i> , 2020, 11, 639.                                     | 2.9 | 30        |
| 6  | Stress Relaxation and Creep of a Polymer-Aluminum Composite Produced through Selective Laser Sintering. <i>Polymers</i> , 2020, 12, 830.   | 4.5 | 11        |
| 7  | Fractional relaxation model of materials obtained with selective laser sintering technology. <i>Rapid Prototyping Journal</i> , 2019, 25, 76-86.   | 3.2 | 19        |
| 8  | TESTS OF PTFE COMPOSITE MATERIALS FOR SLIDING RINGS. <i>Věstník SumsĚnského Národního Agrárního Univerzity Seráec: Mehanáčac Ta Avtomatizáč Virobníh Procesův</i> , 2019, , 3-8.               | 0.0 | 0         |
| 9  | The use of 3D scanning in reverse engineering. , 2019, , 194-196.  | 0.1 | 2         |
| 10 | Estimating the Approximation Uncertainty for Digital Materials Subjected to Stress Relaxation Tests. <i>Metrology and Measurement Systems</i> , 2016, 23, 545-553.                             | 1.4 | 8         |
| 11 | An Analysis Of Tensile Test Results to Assess the Innovation Risk for an Additive Manufacturing Technology. <i>Metrology and Measurement Systems</i> , 2015, 22, 127-138.                      | 1.4 | 27        |
| 12 | Investigating the stress relaxation of photopolymer O-ring seal models. <i>Rapid Prototyping Journal</i> , 2014, 20, 533-540.  | 3.2 | 29        |
| 13 | Estimating the Uncertainty of Tensile Strength Measurement for A Photocured Material Produced by Additive Manufacturing. <i>Metrology and Measurement Systems</i> , 2014, 21, 553-560.         | 1.4 | 26        |
| 14 | Stress and strain measurements in static tensile tests. <i>Metrology and Measurement Systems</i> , 2012, 19, 531-540.  | 1.4 | 20        |
| 15 | Ideal Material Models for Engineering Calculations. <i>Procedia Engineering</i> , 2012, 39, 98-110.  | 1.2 | 3         |
| 16 | A Numerical Analysis of the Temperature Distributions in Face Sealing Rings. <i>Procedia Engineering</i> , 2012, 39, 366-378.  | 1.2 | 14        |
| 17 | Methods of Prototyping Process Using Modern Additive Technologies. <i>Solid State Phenomena</i> , 0, 223, 199-208.   | 0.3 | 1         |