

Rohan Prabhu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

118
citations

8
h-index

9
g-index

24
ext. papers

157
ext. citations

2.8
avg, IF

3.45
L-index

| # | Paper | IF | Citations |
|----|--|-----|-----------|
| 19 | Favoring Complexity: A Mixed Methods Exploration of Factors That Influence Concept Selection When Designing for Additive Manufacturing. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2021 , 143, | 3 | 1 |
| 18 | Maximizing design potential: investigating the effects of utilizing opportunistic and restrictive design for additive manufacturing in rapid response solutions. <i>Rapid Prototyping Journal</i> , 2021 , 27, 1161-1171 | 3.8 | 3 |
| 17 | Design and manufacturability data on additively manufactured solutions for COVID-19. <i>Data in Brief</i> , 2021 , 36, 107012 | 1.2 | 2 |
| 16 | Fresh in My Mind! Investigating the effects of the order of presenting opportunistic and restrictive design for additive manufacturing content on students' creativity. <i>Journal of Engineering Design</i> , 2021 , 32, 187-212 | 1.8 | 5 |
| 15 | Design for metal powder bed fusion: The geometry for additive part selection (GAPS) worksheet. <i>Additive Manufacturing</i> , 2020 , 35, 101163 | 6.1 | 8 |
| 14 | Exploring the Effects of Additive Manufacturing Education on Students' Engineering Design Process and its Outcomes. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2020 , 142, | 3 | 14 |
| 13 | Complex Solutions for Complex Problems? Exploring the Role of Design Task Choice on Learning, Design for Additive Manufacturing Use, and Creativity. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2020 , 142, | 3 | 13 |
| 12 | Teaching Design Freedom: Understanding the Effects of Variations in Design for Additive Manufacturing Education on Students' Creativity. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2020 , 142, | 3 | 8 |
| 11 | But Will It Build? Assessing Student Engineering Designers' Use of Design for Additive Manufacturing Considerations in Design Outcomes. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2020 , 142, | 3 | 8 |
| 10 | Additive creativity: investigating the use of design for additive manufacturing to encourage creativity in the engineering design industry. <i>International Journal of Design Creativity and Innovation</i> , 2020 , 8, 198-222 | 1 | 10 |
| 9 | Built to win? Exploring the role of competitive environments on students' creativity in design for additive manufacturing tasks. <i>Journal of Engineering Design</i> , 2020 , 31, 574-604 | 1.8 | 4 |
| 8 | But Will it Print?: Assessing Student Use of Design for Additive Manufacturing and Exploring its Effect on Design Performance and Manufacturability 2019 , | | 3 |
| 7 | Looks can be deceiving: Gaze pattern differences between novices and experts during placement of central lines. <i>American Journal of Surgery</i> , 2019 , 217, 362-367 | 2.7 | 8 |
| 6 | Evaluating Surgical Resident Needle Insertion Skill Gains in Central Venous Catheterization Training. <i>Journal of Surgical Research</i> , 2019 , 233, 351-359 | 2.5 | 6 |
| 5 | Teaching Design Freedom: Exploring the Effects of Design for Additive Manufacturing Education on the Cognitive Components of Students' Creativity 2018 , | | 6 |
| 4 | The Earlier the Better? Investigating the Importance of Timing on Effectiveness of Design for Additive Manufacturing Education 2018 , | | 11 |
| 3 | Rapid Response! Investigating the Effects of Problem Definition on the Characteristics of Additively Manufactured Solutions for COVID-19. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 1-28 | 3 | 0 |

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|---|--|-----|---|
| 2 | Teaching Designing for Additive Manufacturing: Formulating Educational Interventions That Encourage Design Creativity. <i>3D Printing and Additive Manufacturing</i> , | 4 | 1 |
| 1 | Mastering manufacturing: exploring the influence of engineering designers' prior experience when using design for additive manufacturing. <i>Journal of Engineering Design</i> ,1-22 | 1.8 | 3 |