

Rohan Prabhu

List of Publications by Citations

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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	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
18	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
17	The Earlier the Better? Investigating the Importance of Timing on Effectiveness of Design for Additive Manufacturing Education 2018 ,		11
16	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
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	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
13	But Will It Build? Assessing Student Engineers' Use of Design for Additive Manufacturing Considerations in Design Outcomes. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2020 , 142,	3	8
12	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
11	Teaching Design Freedom: Exploring the Effects of Design for Additive Manufacturing Education on the Cognitive Components of Students' Creativity 2018 ,		6
10	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
9	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
8	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
7	But Will it Print?: Assessing Student Use of Design for Additive Manufacturing and Exploring its Effect on Design Performance and Manufacturability 2019 ,		3
6	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
5	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
4	Design and manufacturability data on additively manufactured solutions for COVID-19. <i>Data in Brief</i> , 2021 , 36, 107012	1.2	2
3	Teaching Designing for Additive Manufacturing: Formulating Educational Interventions That Encourage Design Creativity. <i>3D Printing and Additive Manufacturing</i> ,	4	1

2	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
1	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