

Joe Elambasseril

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

384
citations

1683354

5
h-index

2053342

5
g-index

6
all docs

6
docs citations

6
times ranked

481
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser powder bed fusion additive manufacturing (LPBF-AM): the influence of design features and LPBF variables on surface topography and effect on fatigue properties. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2023, 48, 132-168.	6.8	23
2	Effect of process parameters and grain refinement on hot tearing susceptibility of high strength aluminum alloy 2139 in laser powder bed fusion. <i>Progress in Additive Manufacturing</i> , 2022, 7, 887-901.	2.5	14
3	Artificial intelligence: way forward to empower metal additive manufacturing product development – an overview. <i>Materials Today: Proceedings</i> , 2022, 58, 461-465.	0.9	8
4	Angle defines attachment: Switching the biological response to titanium interfaces by modifying the inclination angle during selective laser melting. <i>Materials and Design</i> , 2018, 154, 326-339.	3.3	51
5	SLM additive manufacture of H13 tool steel with conformal cooling and structural lattices. <i>Rapid Prototyping Journal</i> , 2016, 22, 504-518.	1.6	151
6	The Effect of Manufacturing Defects on the Fatigue Behaviour of Ti-6Al-4V Specimens Fabricated Using Selective Laser Melting. <i>Advanced Materials Research</i> , 0, 891-892, 1519-1524.	0.3	137