

# Glenn H Gleason

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7661483/publications.pdf>

Version: 2024-02-01

7  
papers

66  
citations

1684188  
5  
h-index

1720034  
7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

50  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of metal additive manufacturing residual stress on post-process machining-induced stress and distortion. <i>International Journal of Mechanical Sciences</i> , 2021, 202-203, 106534.	6.7	18
2	Simulation and Experimental Comparison of Laser Impact Welding with a Plasma Pressure Model. <i>Metals</i> , 2019, 9, 1196.	2.3	16
3	Eulerian Modeling of Plasma-Pressure Driven Laser Impact Weld Processes. <i>Procedia Manufacturing</i> , 2020, 48, 204-214.	1.9	11
4	Simulation of laser impact welding for dissimilar additively manufactured foils considering influence of inhomogeneous microstructure. <i>Materials and Design</i> , 2021, 198, 109372.	7.0	11
5	Numerical investigation of the transient interfacial material behavior during laser impact welding. <i>Scripta Materialia</i> , 2022, 208, 114325.	5.2	6
6	Influence of surface roughness on the transient interfacial phenomena in laser impact welding. <i>Journal of Manufacturing Processes</i> , 2022, 80, 480-490.	5.9	3
7	Numerical investigation elucidating effects of microstructure on the transient thermomechanical phenomena during laser impact welding. <i>Journal of Manufacturing Processes</i> , 2022, 79, 115-125.	5.9	1