

# Venkadeshwaran K

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4659372/publications.pdf>

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8  
papers

182  
citations

1684188  
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1720034  
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g-index

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8  
docs citations

8  
times ranked

169  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of weld strength and seam width for laser transmission welding of thermoplastic using response surface methodology. Optics and Laser Technology, 2009, 41, 956-967.	4.6	123
2	Finite element design and thermal analysis of an induction motor used for a hydraulic pumping system. Materials Today: Proceedings, 2021, 45, 7100-7106.	1.8	22
3	Fused deposition modelling of PLA reinforced with cellulose nano-crystals. Materials Today: Proceedings, 2020, 33, 868-875.	1.8	16
4	Efficiency enhancement in a PV operated solar pump by effective design of VFD and tracking system. Materials Today: Proceedings, 2020, 33, 454-462.	1.8	11
5	Bend angle prediction and parameter optimisation for laser bending of stainless steel using FEM and RSM. International Journal of Mechatronics and Manufacturing Systems, 2012, 5, 308.	0.1	5
6	Optimisation of laser cutting of SS 430 plate using advanced Taguchi entropy weighted-based GRA methodology. International Journal of Mechatronics and Manufacturing Systems, 2018, 11, 148.	0.1	3
7	Process Parameter Optimization of Laser Forming Based on FEM-RSM-GA Integration Technique. Applied Mechanics and Materials, 2016, 852, 236-240.	0.2	2
8	3D laser forming through circle line heating. , 2009, , .		0