

# Rajkumar Singh

## List of Publications by Year in descending order

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8  
papers

191  
citations

1307594

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1588992

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8  
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8  
docs citations

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times ranked

201  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deformation behavior of Ti-6Al-4V microstructures under uniaxial loading: Equiaxed Vs. transformed- $\beta^2$ microstructures. <i>Materials Characterization</i> , 2021, 171, 110780.	4.4	34
2	Effect of strain amplitude on low cycle fatigue and microstructure evolution in Ti-6Al-4V: A TKD and TEM characterization. <i>Materials Characterization</i> , 2019, 155, 109829.	4.4	35
3	Effect of Temperature and Cooling Rates on the $\beta^2$ Morphology of Ti-6Al-4V Alloy. <i>Procedia Structural Integrity</i> , 2019, 14, 782-789.	0.8	27
4	Hot deformation behaviour of Ti-6Al-4V alloy with a transformed microstructure: a multimodal characterisation. <i>Philosophical Magazine</i> , 2019, 99, 1429-1459.	1.6	9
5	Flow stress constitutive relationship between lamellar and equiaxed microstructure during hot deformation of Ti-6Al-4V. <i>Journal of Materials Processing Technology</i> , 2019, 270, 216-227.	6.3	47
6	Effect of volume fraction of alpha and transformed beta on the high cycle fatigue properties of bimodal Ti6Al4V alloy. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 201, 012035.	0.6	13
7	Effect of $\beta^2$ and $\beta$ Phase Volume Fraction on Machining Characteristics of Titanium Alloy Ti6Al4V. <i>Procedia Manufacturing</i> , 2016, 6, 63-70.	1.9	20
8	Effect of Coolant Pressure on Machinability of Titanium Alloy Ti6Al4V. <i>Applied Mechanics and Materials</i> , 2016, 826, 82-87.	0.2	6