

# Surendra N Tewari

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8221820/publications.pdf>

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8  
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1937685  
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76  
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#	ARTICLE	IF	CITATIONS
1	Electrodeposition of nickel nanowires and nanotubes using various templates. Journal of Experimental Nanoscience, 2008, 3, 287-295.	2.4	24
2	Effect of bubble-induced Marangoni convection on dendritic solidification. International Journal of Multiphase Flow, 2019, 116, 137-152.	3.4	19
3	The Marangoni convection effects on directional dendritic solidification. Heat and Mass Transfer, 2020, 56, 1329-1341.	2.1	8
4	Dendritic solidification of Succinonitrile-0.24wt% water alloy: A comparison with microgravity experiments for validating dendrite tip velocity. Acta Astronautica, 2020, 175, 163-173.	3.2	6
5	Geometrical effect on macrosegregation formation during unidirectional solidification of Al-Si alloy. Journal of Materials Processing Technology, 2021, 288, 116913.	6.3	3
6	Primary dendrite array morphology in Al-7wt% Si alloy samples directionally solidified aboard the International Space Station. Journal of Crystal Growth, 2021, 562, 126077.	1.5	3
7	Effect of synthesis time and treatment on porosity of mesoporous silica materials. Adsorption, 2009, 15, 81-86.	3.0	2
8	Spurious grain formation due to Marangoni convection during directional solidification of alloys in $\mu$ -g environment of International Space Station. Journal of Crystal Growth, 2021, 574, 126334.	1.5	2