

# S Chauhan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8213077/publications.pdf>

Version: 2024-02-01

11  
papers

310  
citations

1039406

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h-index

1281420

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11  
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docs citations

11  
times ranked

287  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on mechanical and water absorption properties of polyvinyl alcohol based composites/films. Journal of the Mechanical Behavior of Materials, 2017, 26, 213-222.	0.7	123
2	Effect of functionalized silicon carbide nano-particles as additive in cross-linked PVA based composites for vibration damping application. Journal of Vinyl and Additive Technology, 2021, 27, 920-932.	1.8	50
3	Enhancement of Wettability of Aluminum Based Silicon Carbide Reinforced Particulate Metal Matrix Composite. High Temperature Materials and Processes, 2014, .	0.6	24
4	Review on effect of chemical, thermal, additive treatment on mechanical properties of basalt fiber and their composites. Journal of the Mechanical Behavior of Materials, 2017, 26, 205-211.	0.7	23
5	Dynamic and creep analysis of polyvinyl alcohol based films blended with starch and protein. Journal of Polymer Engineering, 2018, 39, 35-47.	0.6	23
6	Functionalized Graphite-Reinforced Cross-Linked Poly(vinyl Alcohol) Nanocomposites for Vibration Isolator Application: Morphology, Mechanical, and Thermal Assessment. Materials Performance and Characterization, 2020, 9, 20190254.	0.2	20
7	Irradiation-Induced Compositional Effects on Human Bone After Extracorporeal Therapy for Bone Sarcoma. Calcified Tissue International, 2018, 103, 175-188.	1.5	12
8	Creep and dynamic mechanical behavior of cross-linked polyvinyl alcohol reinforced with cotton fiber laminate composites. Journal of Polymer Engineering, 2019, 39, 326-335.	0.6	12
9	Fabrication and characterization of chitosan coated human hair reinforced phytagel modified soy protein-based green composite. Journal of the Mechanical Behavior of Materials, 2018, 27, .	0.7	10
10	Soy Protein Based Green Composite: A Review. Research & Reviews Journal of Material Sciences, 2017, 05, .	0.1	7
11	Biomechanical investigation of the effect of extracorporeal irradiation on resected human bone. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 65, 791-800.	1.5	6