

# Anil Saigal

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

154  
citations

1478458

6  
h-index

1199563

12  
g-index

23  
all docs

23  
docs citations

23  
times ranked

163  
citing authors

#	ARTICLE	IF	CITATIONS
1	Palpation Sensitivity of an Embedded Nodule Using the Finite Element Method. Journal of Engineering and Science in Medical Diagnostics and Therapy, 2021, 4, .	0.5	0
2	Structure-property-processing relationships in extruded liquid crystal polymer film. Polymers and Polymer Composites, 2021, 29, S450-S463.	1.9	3
3	Creep and Anisotropy of Free-Standing Lithium Metal Foils in an Industrial Dry Room. Journal of Electrochemical Energy Conversion and Storage, 2021, 18, .	2.1	5
4	Effect of Die Clearance on Peak Punching Force During Cryogenic Micropunching of Polycaprolactone. Journal of Engineering and Science in Medical Diagnostics and Therapy, 2021, 4, .	0.5	0
5	Stress-Strain Relationship of Polycaprolactone in Liquid Nitrogen for Finite Element Simulation of Cryogenic Micropunching Process. Journal of Engineering and Science in Medical Diagnostics and Therapy, 2020, 3, .	0.5	3
6	Practical simulation and experimental measurement of liquid crystal polymer directionality during injection molding. Polymer Engineering and Science, 2019, 59, E414.	3.1	4
7	The Application of a Representative Volume Element (RVE) Model for the Prediction of Rice Husk Particulate-Filled Polymer Composite Properties. Materials Sciences and Applications, 2019, 10, 78-103.	0.4	4
8	Simulation and Experimental Measurement of Liquid Crystal Polymer Orientation During Injection Molding. MRS Advances, 2018, 3, 2311-2316.	0.9	0
9	Predictive force model for haptic feedback in bone sawing. Medical Engineering and Physics, 2013, 35, 1638-1644.	1.7	13
10	Practical Method for Modeling Directionality of Liquid Crystalline Polymers. Engineering Applications of Computational Fluid Mechanics, 2013, 7, 346-354.	3.1	1
11	Solid, shape recovered ðœBulkðœnitinol: Part IIðœ”Mechanical properties. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2011, 528, 5551-5559.	5.6	8
12	Solid, shape recovered ðœbulkðœNitinol: Part Iðœ”Tensionðœ”compression asymmetry. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2011, 528, 5536-5550.	5.6	28
13	Analysis of milling of iron aluminides. Journal of Materials Processing Technology, 2003, 132, 149-156.	6.3	6
14	Modeling multiaxial impact behavior of a glassy polymer. Materials Research Innovations, 2003, 7, 10-18.	2.3	11
15	Analysis of stresses in aluminumðœsilicon alloys. Computational Materials Science, 2001, 21, 149-158.	3.0	45
16	USING C <sub>pk</sub> AS A DESIGN TOOL FOR NEW SYSTEM DEVELOPMENT. Quality Engineering, 2000, 12, 551-560.	1.1	8
17	Residual strains and stresses in tungsten/Kanthal composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1997, 237, 65-71.	5.6	5
18	Solidification of SiC particulate-reinforced aluminum metal matrix composites. Advanced Composite Materials, 1996, 5, 213-224.	1.9	3

#	ARTICLE	IF	CITATIONS
19	USING LABVIEW UNDER WINDOWS IN ADVANCED ULTRASONIC TESTING. <i>Nondestructive Testing and Evaluation</i> , 1996, 13, 31-40.	2.1	0
20	Stress-Strain Behavior of an Octahedral and Octet-Truss Lattice Structure Fabricated Using the CLIP Technology. <i>Advanced Materials Research</i> , 0, 1142, 245-249.	0.3	5
21	Investigating the Rheology of LCPs through Different Die Geometries. , 0, , 349-356.		2
22	Thermography Assisted Fatigue Testing. , 0, , 193-200.		0