

# Csp Rao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10603377/publications.pdf>

Version: 2024-02-01

19  
papers

637  
citations

933447  
10  
h-index

888059  
17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

524  
citing authors

#	ARTICLE	IF	CITATIONS
1	Studies on mechanical and dry sliding wear of Al6061-SiC composites. Composites Part B: Engineering, 2012, 43, 1185-1191.	12.0	221
2	Mechanical and dry sliding wear behavior of Al7075 alloy-reinforced with SiC particles. Journal of Composite Materials, 2012, 46, 1201-1209.	2.4	100
3	Assessment of mechanical and tribological characteristics of Silicon Nitride reinforced aluminum metal matrix composites. Composites Part B: Engineering, 2019, 175, 107138.	12.0	58
4	Fabrication and characterization two step stir casting with ultrasonic assisted novel AA7150-hBN nanocomposites. Journal of Alloys and Compounds, 2020, 815, 152464.	5.5	56
5	Tribological behavior of ultrasonic assisted double stir casted novel nano-composite material (AA7150-hBN) using Taguchi technique. Composites Part B: Engineering, 2019, 175, 107136.	12.0	50
6	Artificial Neural Network Prediction On Wear Of Al6061 Alloy Metal Matrix Composites Reinforced With -Al <sub>2</sub> O <sub>3</sub> . Materials Today: Proceedings, 2018, 5, 11268-11276.	1.8	25
7	Characterization of glass fiber bituminous coal tar reinforced Polymer Matrix Composites for high performance applications. Composites Part B: Engineering, 2019, 175, 107156.	12.0	21
8	Enhanced performance of AA7150-SiC nanocomposites synthesized by novel fabrication process. Ceramics International, 2020, 46, 17103-17111.	4.8	21
9	Fabrication and Characterization of AA6082 ZTA Composites by Powder Metallurgy Process. Materials Today: Proceedings, 2018, 5, 254-260.	1.8	17
10	Manufacturing of aluminium nano hybrid composites: a state of review. IOP Conference Series: Materials Science and Engineering, 2016, 149, 012114.	0.6	14
11	Optimisation of WEDM parameters on Nitinol alloy using RSM and desirability approach. Australian Journal of Mechanical Engineering, 2021, 19, 582-594.	2.1	14
12	A robust process optimisation for fused deposition modelling. International Journal of Manufacturing Technology and Management, 2008, 14, 228.	0.1	9
13	Consignment stock policy with controllable lead time for effective inventory management in supply chains. International Journal of Manufacturing Technology and Management, 2007, 10, 161.	0.1	8
14	Consignment stock policy using genetic algorithm for effective inventory management in supply chains. International Journal of Services Operations and Informatics, 2008, 3, 107.	0.3	6
15	ANFIS based predictive model for wire edm responses involving material removal rate and surface roughness of Nitinol alloy. Materials Today: Proceedings, 2020, 33, 93-101.	1.8	5
16	Effect of TiCnp on microstructure and mechanical behaviour of high-performance Al7150-TiC nanocomposites. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 265, 115034.	3.5	5
17	Parametric modelling and simulation of rapid prototyping. International Journal of Rapid Manufacturing, 2009, 1, 65.	0.5	3
18	Fabrication of Light Weight Metal Matrix Nanocomposites Using Ultrasonic Cavitation Process: A State of Review. Materials Science Forum, 0, 969, 882-888.	0.3	3

#	ARTICLE	IF	CITATIONS
19	An improved consignment stock policy under stochastic lead times for effective inventory management in supply chains. , 0, , .		1