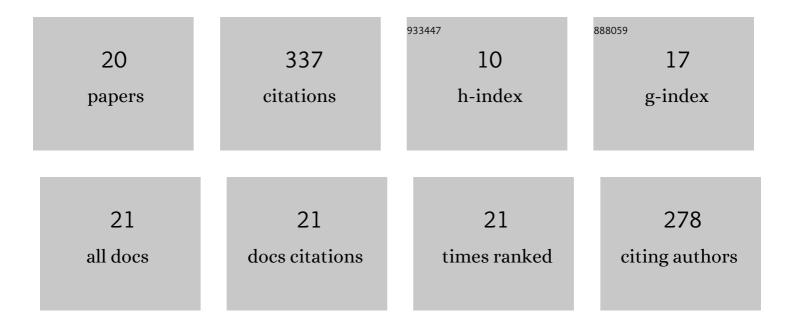
Leo Dev Wins K

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Influence of turning parameters on the machinability of Al6061/ZrB2 & ZrC hybrid in-situ Aluminium Matrix Composite. Australian Journal of Mechanical Engineering, 2023, 21, 1218-1229.	2.1	3
2	Innovative potential of additive friction stir deposition among current laser based metal additive manufacturing processes: A review. CIRP Journal of Manufacturing Science and Technology, 2021, 32, 228-248.	4.5	53
3	Effect of post-reaction ultrasonic treatment on synthesis, microstructural evolution and mechanical behaviour of Al 4043/TiB2 in situ nanocomposites. Arabian Journal for Science and Engineering, 2021, 46, 7521-7531.	3.0	5
4	Prediction of Dry Sliding Wear Response of AlMg1SiCu/Silicon Carbide/Molybdenum Disulphide Hybrid Composites Using Adaptive Neuro-Fuzzy Inference System (ANFIS) and Response Surface Methodology (RSM). Arabian Journal for Science and Engineering, 2021, 46, 12045-12063.	3.0	21
5	Effect of nano cupric oxide coating on the forced convection performance of a mixed-mode flat plate solar dryer. Renewable Energy, 2020, 155, 1165-1172.	8.9	34
6	Experimental Investigation for the Multi-objective Optimization of Machining Parameters on AISI D2 Steel Using Particle Swarm Optimization Coupled with Artificial Neural Network. Journal of Advanced Manufacturing Systems, 2020, 19, 589-606.	1.0	13
7	Experimental investigation and characterization of <i>in situ</i> synthesized sub micron ZrB ₂ -ZrC particles reinforced hybrid AA6061 aluminium composite. Materials Research Express, 2019, 6, 1050e1.	1.6	2
8	An experimental study on the prediction of grinding wheel dressing intervals by relating wheel loading and surface roughness. International Journal of Abrasive Technology, 2019, 9, 171.	0.2	1
9	Optimization of cutting parameters and prediction of surface roughness during hard turning of H13 steel with minimal vegetable oil based cutting fluid application using response surface methodology. IOP Conference Series: Materials Science and Engineering, 2019, 577, 012023.	0.6	3
10	Effect of tungsten carbide, silicon carbide and graphite particulates on the mechanical and microstructural characteristics of AA 5052 hybrid composites. Ceramics International, 2019, 45, 614-621.	4.8	41
11	Investigations on the Effect of Tungsten Carbide and Graphite Reinforcements during Spark Erosion Machining of Aluminium Alloy (AA 5052) Hybrid Composite. Silicon, 2018, 10, 2769-2781.	3.3	19
12	Integrated ANN-GA Approach For Predictive Modeling And Optimization Of Grinding Parameters With Surface Roughness As The Response. Materials Today: Proceedings, 2018, 5, 12133-12141.	1.8	21
13	Evaluation of the performance during hard turning of OHNS steel with minimal cutting fluid application and its comparison with minimum quantity lubrication. IOP Conference Series: Materials Science and Engineering, 2016, 149, 012021.	0.6	7
14	Quantitative Analysis of Grinding Wheel Loading Using Image Processing. Procedia Technology, 2016, 25, 885-891.	1.1	18
15	Comparison of surface roughness and chip characteristics obtained under different modes of lubrication during hard turning of AISI H13 tool work steel IOP Conference Series: Materials Science and Engineering, 2016, 149, 012017.	0.6	5
16	Surface Roughness Prediction using Artificial Neural Network in Hard Turning of AISI H13 Steel with Minimal Cutting Fluid Application. Procedia Engineering, 2014, 97, 205-211.	1.2	54
17	Optimization of Cutting Parameters and Fluid Application Parameters during Turning of OHNS Steel. Procedia Engineering, 2014, 97, 172-177.	1.2	14
18	Artificial Neural Network Assisted Sensor Fusion Model for Predicting Surface Roughness During Hard Turning of H13 Steel with Minimal Cutting Fluid Application. , 2014, 5, 2338-2346.		15

#	Article	IF	CITATIONS
19	Simulation of surface milling of hardened AISI4340 steel with minimal fluid application using artificial neural network. Advances in Production Engineering and Management, 2012, 7, 51-60.	1.2	7
20	Effect of Machining Parameters on Cutting Performance of DSS 2205 and SDSS 2507 Materials During Milling Operation. Journal of Advanced Manufacturing Systems, 0, , 1-16.	1.0	0