Gurmail Singh

List of Publications by Year
in descending order

20 papers	330 citations	1039880 9 h-index	839398 18 g-index
20 all docs	20 docs citations	20 times ranked	175 citing authors

#	Article	IF	Citations
1	Optimal parameter settings for rough and finish machining of die steels in powder-mixed EDM. International Journal of Advanced Manufacturing Technology, 2012, 61, 537-548.	1.5	79
2	Study of Material Transfer Mechanism in Die Steels Using Powder Mixed Electric Discharge Machining. Materials and Manufacturing Processes, 2012, 27, 449-456.	2.7	61
3	These *do not* Look Like Those: An Interpretable Deep Learning Model for Image Recognition. IEEE Access, 2021, 9, 41482-41493.	2.6	31
4	Semi-ProtoPNet Deep Neural Network for the Classification of Defective Power Grid Distribution Structures. Sensors, 2022, 22, 4859.	2.1	30
5	An Interpretable Deep Learning Model for Covid-19 Detection With Chest *X*-Ray Images. IEEE Access, 2021, 9, 85198-85208.	2.6	27
6	Study of High-Temperature Corrosion Behavior of D-Gun Spray Coatings on ASTM-SA213, T-11 Steel in Molten Salt Environment. Materials Today: Proceedings, 2017, 4, 142-151.	0.9	15
7	Hot corrosion behavior of HVOF-sprayed carbide based composite coatings for boiler steel in Na2SO4–60 % V2O5 environment at 900 Â°C under cyclic conditions. Corrosion Science, 2021, 190, 109666.	3.0	14
8	Object or Background: An Interpretable Deep Learning Model for COVID-19 Detection from CT-Scan Images. Diagnostics, 2021, 11, 1732.	1.3	13
9	Experimental studies on material removal rate, tool wear rate and surface properties of machined surface by powder mixed electric discharge machining. Materials Today: Proceedings, 2017, 4, 1065-1073.	0.9	12
10	Think positive: An interpretable neural network for image recognition. Neural Networks, 2022, 151, 178-189.	3.3	12
11	High Temperature Oxidation Behaviour of HVOF Thermally Sprayed NiCrAlY Coating on T-91 Boiler Tube Steel. Materials Today: Proceedings, 2017, 4, 5259-5265.	0.9	8
12	Oxidation Behaviour of HVOF Sprayed NiCrAlY and NiCrAlY-20SiC Coatings on T-91 Boiler Tube Steel. Protection of Metals and Physical Chemistry of Surfaces, 2020, 56, 134-150.	0.3	8
13	The Status of the Zassenhaus Conjecture for Small Groups. Experimental Mathematics, 2018, 27, 431-436.	0.5	6
14	Revisiting the Zassenhaus conjecture on torsion units for the integral group rings of small groups. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2015, 125, 167-172.	0.2	5
15	CENTRAL TORSION UNITS OF INTEGRAL REALITY-BASED ALGEBRAS WITH A POSITIVE DEGREE MAP. International Electronic Journal of Algebra, 2017, 21, 121-121.	0.6	3
16	Ovipositional preference and larval performance of poplar defoliator, Clostera restitura on different poplar clones in north-western India. Journal of Forestry Research, 2012, 23, 447-452.	1.7	2
17	On the Torsion Units of Integral Adjacency Algebras of Finite Association Schemes. Algebra, 2014, 2014, 1-5.	0.1	1
18	Orders of torsion units of integral reality-based algebras with rational multiplicities. Journal of Algebra and Its Applications, 2018, 17, 1850015.	0.3	1

#	Article	IF	Citations
19	Bialgebra structures on table algebras. Linear and Multilinear Algebra, 2021, 69, 2288-2314.	0.5	1
20	EXTENDING TABLE ALGEBRAS TO HOPF ALGEBRAS. International Electronic Journal of Algebra, 0, , 13-28.	0.6	1