

Gurmail Singh

List of Publications by Year in descending order

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Version: 2024-02-01

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	Think positive: An interpretable neural network for image recognition. <i>Neural Networks</i> , 2022, 151, 178-189.	3.3	12
2	Semi-ProtoPNet Deep Neural Network for the Classification of Defective Power Grid Distribution Structures. <i>Sensors</i> , 2022, 22, 4859.	2.1	30
3	Bialgebra structures on table algebras. <i>Linear and Multilinear Algebra</i> , 2021, 69, 2288-2314.	0.5	1
4	These <i><i>do not</i></i> Look Like Those: An Interpretable Deep Learning Model for Image Recognition. <i>IEEE Access</i> , 2021, 9, 41482-41493.	2.6	31
5	An Interpretable Deep Learning Model for Covid-19 Detection With Chest <i><i>X</i></i> -Ray Images. <i>IEEE Access</i> , 2021, 9, 85198-85208.	2.6	27
6	Hot corrosion behavior of HVOF-sprayed carbide based composite coatings for boiler steel in Na ₂ SO ₄ â€”60 % V ₂ O ₅ environment at 900 Å°C under cyclic conditions. <i>Corrosion Science</i> , 2021, 190, 109666.	3.0	14
7	Object or Background: An Interpretable Deep Learning Model for COVID-19 Detection from CT-Scan Images. <i>Diagnostics</i> , 2021, 11, 1732.	1.3	13
8	Oxidation Behaviour of HVOF Sprayed NiCrAlY and NiCrAlY-20SiC Coatings on T-91 Boiler Tube Steel. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2020, 56, 134-150.	0.3	8
9	Orders of torsion units of integral reality-based algebras with rational multiplicities. <i>Journal of Algebra and Its Applications</i> , 2018, 17, 1850015.	0.3	1
10	The Status of the Zassenhaus Conjecture for Small Groups. <i>Experimental Mathematics</i> , 2018, 27, 431-436.	0.5	6
11	Study of High-Temperature Corrosion Behavior of D-Gun Spray Coatings on ASTM-SA213, T-11 Steel in Molten Salt Environment. <i>Materials Today: Proceedings</i> , 2017, 4, 142-151.	0.9	15
12	Experimental studies on material removal rate, tool wear rate and surface properties of machined surface by powder mixed electric discharge machining. <i>Materials Today: Proceedings</i> , 2017, 4, 1065-1073.	0.9	12
13	High Temperature Oxidation Behaviour of HVOF Thermally Sprayed NiCrAlY Coating on T-91 Boiler Tube Steel. <i>Materials Today: Proceedings</i> , 2017, 4, 5259-5265.	0.9	8
14	CENTRAL TORSION UNITS OF INTEGRAL REALITY-BASED ALGEBRAS WITH A POSITIVE DEGREE MAP. <i>International Electronic Journal of Algebra</i> , 2017, 21, 121-121.	0.6	3
15	Revisiting the Zassenhaus conjecture on torsion units for the integral group rings of small groups. <i>Proceedings of the Indian Academy of Sciences: Mathematical Sciences</i> , 2015, 125, 167-172.	0.2	5
16	On the Torsion Units of Integral Adjacency Algebras of Finite Association Schemes. <i>Algebra</i> , 2014, 2014, 1-5.	0.1	1
17	Ovipositional preference and larval performance of poplar defoliator, <i>Clostera restituta</i> on different poplar clones in north-western India. <i>Journal of Forestry Research</i> , 2012, 23, 447-452.	1.7	2
18	Study of Material Transfer Mechanism in Die Steels Using Powder Mixed Electric Discharge Machining. <i>Materials and Manufacturing Processes</i> , 2012, 27, 449-456.	2.7	61

#	ARTICLE	IF	CITATIONS
19	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
20	EXTENDING TABLE ALGEBRAS TO HOPF ALGEBRAS. International Electronic Journal of Algebra, 0, , 13-28.	0.6	1