

# Brijesh Patel

## List of Publications by Year in descending order

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28  
papers

279  
citations

1307594

7  
h-index

1058476

14  
g-index

28  
all docs

28  
docs citations

28  
times ranked

215  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review: Bio-fiberâ€™s as reinforcement in composites of polylactic acid (PLA). <i>Materials Today: Proceedings</i> , 2020, 26, 2116-2122.	1.8	67
2	Nonlinear eigenfrequency characteristics of multi-directional functionally graded porous panels. <i>Composite Structures</i> , 2022, 279, 114707.	5.8	42
3	Numerical Study of Frequency and Deflection Responses of Natural Fiber (Luffa) Reinforced Polymer Composite and Experimental Validation. <i>Journal of Natural Fibers</i> , 2020, 17, 505-519.	3.1	36
4	Time-Dependent Deflection Responses of Porous FGM Structure Including Pattern and Porosity. <i>International Journal of Applied Mechanics</i> , 2020, 12, 2050102.	2.2	30
5	Hybrid Machine Learning Technique for Personality Classification from Online Text using HEXACO Model. , 2022, , .		26
6	Nonlinear eigenfrequency prediction of functionally graded porous structure with different grading patterns. <i>Waves in Random and Complex Media</i> , 0, , 1-19.	2.7	20
7	Analysis of Fireflyâ€™Fuzzy Hybrid Algorithm for Navigation of Quad-Rotor Unmanned Aerial Vehicle. <i>Inventions</i> , 2020, 5, 48.	2.5	15
8	Improvement of process performance of powder mixed electrical discharge machining by optimisation -A Review. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 3074-3104.	1.4	12
9	Machining characteristics of metal matrix composite in powder-mixed electrical discharge machining â€™ A review. <i>Australian Journal of Mechanical Engineering</i> , 2023, 21, 1755-1777.	2.1	12
10	Thermo Mechanical Fatigue Testing of GTD 111 Superalloy for Use in Gas Turbine Blades. <i>Materials Science Forum</i> , 0, 830-831, 211-214.	0.3	4
11	Dynamic deflection responses of glass/epoxy hybrid composite structure filled with hollow-glass microbeads. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	4
12	Analysis of Firefly-Fuzzy Hybrid Controller for Wheeled Mobile Robot. , 2019, , .		2
13	Topological drone navigation in uncertain environment. <i>Industrial Robot</i> , 2021, 48, 423-441.	2.1	2
14	Effect of zinc supplementation on hormonal and lipid peroxidation status of peri-parturient Karan Fries cows during heat stress condition. <i>Indian Journal of Animal Research</i> , 2017, , .	0.1	2
15	Minerals response to transportation stress at different flocking densities in hot humid and winter seasons and the assessment of ameliorative effect of pretreatment with vitamin C, electrolyte and jaggery in goats. <i>Biological Rhythm Research</i> , 2021, 52, 171-185.	0.9	1
16	A Critical Review on Safe Disposal Techniques of Space Debris. <i>Journal of Geography Environment and Earth Science International</i> , 2017, 12, 1-6.	0.2	1
17	Analysis of Land Use Land Cover Changes with Land Surface Temperature Using Spatial-Temporal Data for Nagpur City, India. <i>Journal of Landscape Ecology(Czech Republic)</i> , 2021, 14, 52-64.	0.9	1
18	Identification of single nucleotide polymorphism in protein phosphatase 1 regulatory subunit 11 gene in Murrah bulls. <i>Veterinary World</i> , 2017, 10, 244-248.	1.7	1

#	ARTICLE	IF	CITATIONS
19	Privacy-Preserving Ddos Attack Detection using Cross-Domain: Challenges and Research. International Journal of Engineering and Advanced Technology, 2019, 9, 2373-2382.	0.3	1
20	Rule-Based Fuzzy Decision Path Planning Approach for Mobile Robot. , 2018, , .		0
21	Metric-Cauchy sequence for wheeled mobile robot navigation. Materials Today: Proceedings, 2021, 38, 3213-3219.	1.8	0
22	Experimental investigation of fatigue life of Inconel 617 at elevated temperature. Materials Today: Proceedings, 2021, 38, 3125-3130.	1.8	0
23	Implementation of SPV for Performance Enhancement in Water Pumping System using Motor Drive. , 2021, , .		0
24	Exploration of genetic polymorphism in targeted region of Protein Phosphatase 1 Regulatory subunit 11 (PPP1R11) in Murrah bulls. Indian Journal of Animal Research, 2017, , .	0.1	0
25	Soft computing technique based modelling of ceramics mix electric discharge machining on LM-25/SiC composites. Materials Today: Proceedings, 2021, 50, 2455-2455.	1.8	0
26	Non Intrusive Monitoring Linear Load (Nimll) & Management For Advance Metering Infrastructure (Ami). , 2021, , .		0
27	Simulation based reactive power compensation by using TBSC/TBSR for dynamic load. , 2020, , .		0
28	A cost-effective water heating solution for the people of Chhattisgarh, India. International Journal of Ambient Energy, 0, , 1-7.	2.5	0