

# Prashanth Ragam

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1232825/publications.pdf>

Version: 2024-02-01

11  
papers

163  
citations

1307594

7  
h-index

1474206

9  
g-index

14  
all docs

14  
docs citations

14  
times ranked

120  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of flyrock distance induced by mine blasting using a novel Harris Hawks optimization-based multi-layer perceptron neural network. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2021, 13, 1413-1427.	8.1	39
2	Toward a State-of-the-Art of Fly-Rock Prediction Technology in Open-Pit Mines Using EANNs Model. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4554.	2.5	29
3	Evaluation and prediction of blast-induced peak particle velocity using artificial neural network: A case study. <i>Noise and Vibration Worldwide</i> , 2018, 49, 111-119.	1.0	21
4	Application of MEMS-based accelerometer wireless sensor systems for monitoring of blast-induced ground vibration and structural health: a review. <i>IET Wireless Sensor Systems</i> , 2019, 9, 103-109.	1.7	21
5	Estimation of ambiguous blast-induced ground vibration using intelligent models: A case study. <i>Noise and Vibration Worldwide</i> , 2018, 49, 147-157.	1.0	11
6	Performance evaluation of LoRa LPWAN technology for IoT-based blast-induced ground vibration system. <i>Journal of Measurements in Engineering</i> , 2019, 7, 119-133.	0.6	10
7	Monitoring of blast-induced ground vibration using WSN and prediction with an ANN approach of ACC dungri limestone mine, India. <i>Journal of Vibroengineering</i> , 2018, 20, 1051-1062.	1.0	9
8	Selection and Evolution of MEMS Accelerometer Sensor for Measurement of Blast-Induced Peak Particle Velocity. , 2018, 2, 1-4.		7
9	Estimation of peak particle velocity using soft computing technique approaches: a review. <i>Noise and Vibration Worldwide</i> , 2018, 49, 302-310.	1.0	5
10	Estimation of blast-induced peak particle velocity using ensemble machine learning algorithms: A case study. <i>Noise and Vibration Worldwide</i> , 2022, 53, 404-413.	1.0	5
11	A Low-Power VLSI Technique for Digital Signal Processing Portable Electronic Devices. <i>IOSR Journal of VLSI and Signal Processing</i> , 2013, 2, 20-24.	0.1	0