

# Gyan Wrati

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4036186/publications.pdf>

Version: 2024-02-01

6  
papers

113  
citations

1937685

4  
h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

76  
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy saving and Fuzzy-PID position control of electro-hydraulic system by leakage compensation through proportional flow control valve. ISA Transactions, 2020, 101, 269-280.	5.7	53
2	A novel approach for the energy recovery and position control of a hybrid hydraulic excavator. ISA Transactions, 2020, 99, 387-402.	5.7	30
3	Early detection and classification of internal leakage in boom actuator of mobile hydraulic machines using SVM. Engineering Applications of Artificial Intelligence, 2021, 106, 104492.	8.1	18
4	PID controller with feed forward estimation used for fault tolerant control of hydraulic system. Journal of Mechanical Science and Technology, 2018, 32, 3849-3855.	1.5	7
5	Position control and performance analysis of hydraulic system using two pump-controlling strategies. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2019, 233, 1093-1105.	1.0	4
6	Performance enhancement of hybrid hydraulic excavator using multiple hydro-pneumatic accumulators. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2020, 234, 1133-1149.	1.0	1