

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 | 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 |
| 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 | 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 |
| 4 | 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 |
| 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 | 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 |