

Zhihong Zou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2611709/publications.pdf>

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6
papers

49
citations

1684188

5
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

45
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive theoretical digging performance analysis for hydraulic excavator using convex polytope method. <i>Multibody System Dynamics</i> , 2019, 47, 137-164.	2.7	8
2	Lightweight and high-strength optimization design for a fully parametric working attachment of a hydraulic excavator based on limiting theoretical digging capability model. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2019, 233, 4819-4835.	2.1	7
3	Lightweight and High-Strength Design of an Excavator Bucket under Uncertain Loading. <i>Mathematical Problems in Engineering</i> , 2019, 2019, 1-12.	1.1	9
4	Task space-based dynamic trajectory planning for digging process of a hydraulic excavator with the integration of soilâ€“bucket interaction. <i>Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics</i> , 2019, 233, 598-616.	0.8	9
5	Digging performance characterization for hydraulic excavator considering uncertainty during digging operation. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2018, 232, 857-871.	2.1	12
6	Optimum dimensional synthesis for the working mechanism of a hydraulic excavator to improve the digging performance. <i>Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics</i> , 2018, 232, 357-370.	0.8	4