

Andrzej Kesy

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

130
citations

1478505

6
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

79
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Application of electrorheological fluid in a hydrodynamic clutch. Smart Materials and Structures, 2011, 20, 105005. | 3.5 | 35 |
| 2 | Investigation of hydrodynamic clutch with a magnetorheological fluid. Journal of Intelligent Material Systems and Structures, 2019, 30, 155-168. | 2.5 | 23 |
| 3 | Wear forms of heterogeneous electro-rheological fluids working in a hydraulic clutch system. Smart Materials and Structures, 2017, 26, 095032. | 3.5 | 17 |
| 4 | Modelling and testing of a hydrodynamic clutch filled with electrorheological fluid in varying degree. Journal of Intelligent Material Systems and Structures, 2019, 30, 649-660. | 2.5 | 11 |
| 5 | Mathematical model of hydrodynamic torque converter applied to optimisation calculations using genetic algorithm. International Journal of Computer Applications in Technology, 2010, 39, 199. | 0.5 | 7 |
| 6 | Selection of Materials Used in Viscous Clutch With ER Fluid Working in Special Conditions. Frontiers in Materials, 2019, 6, . | 2.4 | 7 |
| 7 | Application of numerical methods to the modelling of transmission systems with hydrodynamic torque converter. International Journal of Computer Applications in Technology, 2008, 31, 275. | 0.5 | 5 |
| 8 | Electrorheological Fluid Based Clutches and Brakes. , 2022, , 171-186. | | 5 |
| 9 | Experimental Researches of Hydraulic Clutches with Smart Fluids. International Review of Mechanical Engineering, 2016, 10, 364. | 0.2 | 5 |
| 10 | Mathematical model of a hydrodynamic torque converter for vehicle power transmission system optimisation. International Journal of Vehicle Design, 2012, 59, 1. | 0.3 | 4 |
| 11 | Application of Plant Oils as Ecologically Friendly Hydraulic Fluids. Applied Sciences (Switzerland), 2020, 10, 9086. | 2.5 | 4 |
| 12 | Fabrication of hydrodynamic torque converter impellers by using the selective laser sintering method. Rapid Prototyping Journal, 2013, 19, 430-436. | 3.2 | 3 |
| 13 | Mechatronic design of impellers of hydrodynamic element in automobiles. International Journal of Vehicle Design, 2005, 38, 234. | 0.3 | 2 |
| 14 | Characteristics of Electrorheological Fluids. , 2022, , 114-139. | | 2 |
| 15 | Accuracy of Geometry of Plastic Gear Produced with 3D Printing Technology. International Review of Mechanical Engineering, 2020, 14, 470. | 0.2 | 0 |