

# Andrzej Kesy

## List of Publications by Year in descending order

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15  
papers

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citations

1478505

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1281871

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15  
all docs

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docs citations

15  
times ranked

79  
citing authors

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