Kevin Russell

List of Publications by Year
in descending order

14	92	1684188 5	1474206 9
papers	citations	h-index	g-index

14	14	14	31
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Developments in quantitative dimensional synthesis (1970â€“present): four-bar path and function generation. Inverse Problems in Science and Engineering, 2018, 26, 1280-1304.	1.2	18
2	Kinematic Synthesis of Adjustable RSSR-SS Mechanisms for Multi-Phase Finite and Multiply Separated Positions. Journal of Mechanical Design, Transactions of the ASME, 2003, 125, 847-853.	2.9	15
3	Developments in quantitative dimensional synthesis (1970-present): four-bar motion generation. Inverse Problems in Science and Engineering, 2018, 26, 133-148.	1.2	12
4	On the Synthesis of Spatial RRSS Motion Generators with Prescribed Coupler Loads. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2009, 3, 236-244.	0.7	10
5	SPHERICAL FOUR-BAR MOTION GENERATION WITH A PRESCRIBED RIGID-BODY LOAD. Transactions of the Canadian Society for Mechanical Engineering, 2008, 32, 401-410.	0.8	8
6	On RCCC Linkage Motion Generation With Defect Elimination for an Indefinite Number of Precision Positions. Journal of Mechanisms and Robotics, 2017, 9, .	2.2	6
7	Revolute-Cylindrical-Cylindrical-Cylindrical linkage optimum dimensional synthesis with static structural loading. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 256-268.	2.1	6
8	On the application of RRSS motion generation and RRSS Axode generation for the design of a concept prosthetic knee. Mechanics Based Design of Structures and Machines, 2017, 45, 406-414.	4.7	5
9	On Displacement Analysis of the RSSR-SS Mechanism. Mechanics Based Design of Structures and Machines, 2003, 31, 281-296.	4.7	4
10	A General Static Torque Constraint for Spatial Four-Bar Motion Generation With a Coupler Load. Journal of Mechanisms and Robotics, 2010, 2, .	2.2	4
11	On the evaluation of a general model for optimum revolute cylindrical cylindrical cylindrical path generation. Transactions of the Canadian Society for Mechanical Engineering, 2018, 42, 156-163.	0.8	2
12	An Evaluation of Primer Preseating in Small Caliber Cartridge Production. Mechanics Based Design of Structures and Machines, 2015, 43, 112-123.	4.7	1
13	A general spatial multi-loop linkage optimization model for motion generation with static loading. Inverse Problems in Science and Engineering, 2020, 28, 69-86.	1.2	1
14	A dual cam system for four-bar motion generation with adjustable length crank and follower links. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2021, 15, JAMDSM0067-JAMDSM0067.	0.7	0