Paulo Flores

List of Publications by Year
in descending order

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164 papers	7,092 citations	66343 42 h-index	60623 81 g-index
202 all docs	202 docs citations	202 times ranked	2096 citing authors

#	Article	IF	Citations
1	Wheel-rail contact models in the presence of switches and crossings. Vehicle System Dynamics, 2023, 61, 838-870.	3.7	15
2	Portuguese higher education studentsâ€™ adaptation to online teaching and learning in times of the COVID-19 pandemic: personal and contextual factors. Higher Education, 2022, 83, 1389-1408.	4.4	69
3	A compendium of contact force models inspired by Hunt and Crossley's cornerstone work. Mechanism and Machine Theory, 2022, 167, 104501.	4.5	27
4	Contact mechanics for dynamical systems: a comprehensive review. Multibody System Dynamics, 2022, 54, 127-177.	2.7	25
5	Railway Dynamics with Curved Contact Patch. Mechanisms and Machine Science, 2022, , 105-113.	0.5	0
6	On the Utilization of Simplified Methodologies for the Wheel-Rail Contact. Mechanisms and Machine Science, 2022, , 114-121.	0.5	0
7	A Recursive Algorithm for the Forward Kinematic Analysis of Robotic Systems Using Euler Angles. Robotics, 2022, 11, 15.	3.5	9
8	On the Modeling of Biomechanical Systems for Human Movement Analysis: A Narrative Review. Archives of Computational Methods in Engineering, 2022, 29, 4915-4958.	10.2	10
9	A bibliometric overview of Mechanism and Machine Theory journal: Publication trends from 1990 to 2020. Mechanism and Machine Theory, 2022, 175, 104965.	4.5	2
10	Dynamic Modeling of a Human-Inspired Robot Based on a Newton-Euler Approach. CISM International Centre for Mechanical Sciences, Courses and Lectures, 2022, , 79-90.	0.6	1
11	Obesity effects on muscular activity during lifting and lowering tasks. International Journal of Occupational Safety and Ergonomics, 2021, 27, 217-225.	1.9	5
12	Current Perspectives on the Biomechanical Modelling of the Human Lower Limb: A Systematic Review. Archives of Computational Methods in Engineering, 2021, 28, 601-636.	10.2	9
13	Examination and comparison of different methods to model closed loop kinematic chains using Lagrangian formulation with cut joint, clearance joint constraint and elastic joint approaches. Mechanism and Machine Theory, 2021, 160, 104294.	4.5	31
14	Trends in the Control of Hexapod Robots: A Survey. Robotics, 2021, 10, 100.	3.5	16
15	An investigation of a novel LuGre-based friction force model. Mechanism and Machine Theory, 2021, 166, 104493.	4.5	54
16	Crashworthiness analysis of an aircraft fuselage section with an auxiliary fuel tank using a hybrid multibody/plastic hinge approach. International Journal of Crashworthiness, 2020, 25, 95-105.	1.9	10
17	Unilateral anterior knee pain is associated with increased patellar lateral position after stressed lateral translation. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 454-462.	4.2	10
18	Dynamic Modeling and Analysis of Pool Balls Interaction. Computational Methods in Applied Sciences (Springer), 2020, , 79-86.	0.3	5

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19	Implementation of a non-Hertzian contact model for railway dynamic application. Multibody System Dynamics, 2020, 48, 41-78.	2.7	42
20	A new device for patellofemoral instrumented stress-testing provides good reliability and validity. Knee Surgery, Sports Traumatology, Arthroscopy, 2020, 28, 389-397.	4.2	9
21	Micro-CT based finite element modelling and experimental characterization of the compressive mechanical properties of 3-D zirconia scaffolds for bone tissue engineering. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 102, 103516.	3.1	31
22	Thermographic differences due to dynamic work tasks on individuals with different obesity levels: a preliminary study. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2020, 8, 323-333.	1.9	2
23	Coupling multi-body dynamics and fluid dynamics to model lubricated spherical joints. Archive of Applied Mechanics, 2020, 90, 2091-2111.	2.2	19
24	A three-dimensional approach for contact detection between realistic wheel and rail surfaces for improved railway dynamic analysis. Mechanism and Machine Theory, 2020, 149, 103825.	4.5	48
25	Thermo-Mechanical Behaviour of Human Nasal Cartilage. Polymers, 2020, 12, 177.	4.5	6
26	Kinematics differences between obese and non-obese workers during vertical handling tasks. International Journal of Industrial Ergonomics, 2020, 77, 102955.	2.6	2
27	Patients with different patellofemoral disorders display a distinct ligament stiffness pattern under instrumented stress testing. Journal of ISAKOS, 2020, 5, 74-79.	2.3	9
28	Tribological Behavior of 316L Stainless Steel Reinforced with CuCoBeâ€‰+â€‰Diamond Composites by Laser Sintering and Hot Pressing: A Comparative Statistical Study. Lecture Notes in Computer Science, 2020, , 231-246.	1.3	1
29	Contact Detection Approach Between Wheel and Rail Surfaces. Mechanisms and Machine Science, 2020, , 405-412.	0.5	2
30	On the Computational Biomechanics of the Intervertebral Disc. Lecture Notes in Computational Vision and Biomechanics, 2020, , 223-240.	0.5	0
31	Radixâ€‰ ^r recoding with common subexpression elimination for multiple constant multiplication. IET Circuits, Devices and Systems, 2020, 14, 990-994.	1.4	1
32	Modeling and analysis of friction including rolling effects in multibody dynamics: a review. Multibody System Dynamics, 2019, 45, 223-244.	2.7	110
33	High heterogeneity in in vivo instrumented-assisted patellofemoral joint stress testing: a systematic review. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 745-757.	4.2	7
34	On the generation of enhanced lookup tables for wheel-rail contact models. Wear, 2019, 434-435, 202993.	3.1	23
35	The journal of Mechanism and Machine Theory: Celebrating 55 years since its foundation. Mechanism and Machine Theory, 2019, 142, 103599.	4.5	11
36	Utilization of Non-Conformal Wheel Surfaces for Railway Dynamics. Mechanisms and Machine Science, 2019, , 3291-3300.	0.5	3

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37	Computational Modelling of Human Lower Limb for Reproduction of Walking Dynamics with Muscles: Healthy and Pathological Cases. Mechanisms and Machine Science, 2019, , 3227-3236.	0.5	0
38	Effects of workersâ€™ Body Mass Index and task conditions on exertion psychophysics during Vertical Handling Tasks. Work, 2019, 63, 231-241.	1.1	5
39	Computational Modelling of Human Lower Limb for Reproduction of Walking Dynamics with Muscles: Healthy and Pathological Cases. , 2019, , .		0
40	Design, Modelling and Control of an Active Weight-Bearing Knee Exoskeleton with a Series Elastic Actuator. , 2019, , .		7
41	An Optimization Approach to Generate Accurate and Efficient Lookup Tables for Engineering Applications. , 2019, , 1446-1457.		2
42	A finite element model of a 3D dry revolute joint incorporated in a multibody dynamic analysis. Multibody System Dynamics, 2019, 45, 293-313.	2.7	32
43	Modelling and simulation of alternative designs for the femurâ€“implant interface of Journey patellofemoral prosthesis. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2019, 233, 1619-1628.	1.1	2
44	Workersâ€™ Body Constitution as a Risk Factor During Manual Materials Handling. Advances in Intelligent Systems and Computing, 2019, , 898-903.	0.6	0
45	Wear behaviour of tetragonal zirconia polycrystal with a porous surface. International Journal of Refractory Metals and Hard Materials, 2018, 75, 85-93.	3.8	10
46	A comprehensive survey of the analytical, numerical and experimental methodologies for dynamics of multibody mechanical systems with clearance or imperfect joints. Mechanism and Machine Theory, 2018, 122, 1-57.	4.5	277
47	A particle swarm-based algorithm for optimization of multi-layered and graded dental ceramics. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 77, 461-469.	3.1	19
48	The first fifty years of the Mechanism and Machine Theory: Standing back and looking forward. Mechanism and Machine Theory, 2018, 125, 8-20.	4.5	8
49	Professor Bernard (â€œBernieâ€) Roth: A short biography. Mechanism and Machine Theory, 2018, 125, 3-7.	4.5	1
50	Nickel-cobalt-based materials for diamond cutting tools. International Journal of Advanced Manufacturing Technology, 2018, 95, 1059-1067.	3.0	15
51	Analysis of Infrared Imaging During Vertical Handling Tasks in Workers with Different Levels of Obesity. Advances in Intelligent Systems and Computing, 2018, , 447-455.	0.6	0
52	A Study on the Dynamics of Spatial Mechanisms With Frictional Spherical Clearance Joints. Journal of Computational and Nonlinear Dynamics, 2017, 12, .	1.2	41
53	An enhanced formulation to model spatial revolute joints with radial and axial clearances. Mechanism and Machine Theory, 2017, 116, 123-144.	4.5	117
54	On the constraints violation in forward dynamics of multibody systems. Multibody System Dynamics, 2017, 39, 385-419.	2.7	88

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55	A new approach to implement a customized anatomic insole in orthopaedic footwear of lower limb orthosis. IOP Conference Series: Materials Science and Engineering, 2017, 254, 232006.	0.6	2
56	A Study on the Dynamics of Spatial Mechanisms With Frictional Spherical Clearance Joints. , 2016, , .		2
57	Pure Elastic Contact Force Models. Solid Mechanics and Its Applications, 2016, , 15-25.	0.2	1
58	On the Frictional Contacts in Multibody System Dynamics. Computational Methods in Applied Sciences (Springer), 2016, , 67-91.	0.3	27
59	Demonstrative Application Examples. Solid Mechanics and Its Applications, 2016, , 135-168.	0.2	1
60	Editorial: 50th anniversary of the Mechanism and Machine Theory. Mechanism and Machine Theory, 2016, 106, 190-192.	4.5	3
61	Nonlinear dynamics and chaotic control of a flexible multibody system with uncertain joint clearance. Nonlinear Dynamics, 2016, 86, 1571-1597.	5.2	94
62	A survey and comparison of several friction force models for dynamic analysis of multibody mechanical systems. Nonlinear Dynamics, 2016, 86, 1407-1443.	5.2	292
63	Effects of poly-ether-ether ketone (PEEK) veneer thickness on the reciprocating friction and wear behavior of PEEK/Ti6Al4V structures in artificial saliva. Wear, 2016, 368-369, 84-91.	3.1	24
64	Dissipative Contact Force Models. Solid Mechanics and Its Applications, 2016, , 27-52.	0.2	5
65	Contact Force Models for Multibody Dynamics. Solid Mechanics and Its Applications, 2016, , .	0.2	71
66	Numerical Methods in Multibody System Dynamics. Solid Mechanics and Its Applications, 2016, , 93-134.	0.2	0
67	Influence of the Hip Joint Modeling Approaches on the Kinematics of Human Gait. Journal of Tribology, 2016, 138, .	1.9	16
68	A review of squeaking in ceramic total hip prostheses. Tribology International, 2016, 93, 239-256.	5.9	31
69	Differences in muscular activity between obese and non-obese workers during manual lifting. DYNA (Colombia), 2016, 83, 55-62.	0.4	2
70	Development and Early Results of a New Concept of an Orthopedic Footwear Stirrup. Mechanisms and Machine Science, 2015, , 699-707.	0.5	0
71	Biomechanical behaviour of cancellous bone on patellofemoral arthroplasty with Journey prosthesis: a finite element study. Computer Methods in Biomechanics and Biomedical Engineering, 2015, 18, 1090-1098.	1.6	11
72	Concepts and Formulations for Spatial Multibody Dynamics. SpringerBriefs in Applied Sciences and Technology, 2015, , .	0.4	18

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73	A Computational Analysis of Squeaking Hip Prostheses. Journal of Computational and Nonlinear Dynamics, 2015, 10, .	1.2	17
74	A medical device for support of the ankle pathologies diagnosis. , 2015, , .		0
75	Dynamic modeling and analysis of wear in spatial hard-on-hard couple hip replacements using multibody systems methodologies. Nonlinear Dynamics, 2015, 82, 1039-1058.	5.2	52
76	A comparative study of the viscoelastic constitutive models for frictionless contact interfaces in solids. Mechanism and Machine Theory, 2015, 85, 172-188.	4.5	179
77	A kinematic characterization of human walking by using CaTraSys. Mechanism and Machine Theory, 2015, 86, 125-139.	4.5	23
78	Synthesis of a Mechanism for Human Gait Rehabilitation: An Introductory Approach. Mechanisms and Machine Science, 2015, , 121-128.	0.5	10
79	Coupling dynamics of a geared multibody system supported by ElastoHydroDynamic lubricated cylindrical joints. Multibody System Dynamics, 2015, 33, 259-284.	2.7	81
80	Modeling, Analysis and Simulation of 3D Elastohydrodynamic Revolute Joints in Multibody Systems. Mechanisms and Machine Science, 2015, , 199-209.	0.5	2
81	Euler Angles, Bryant Angles and Euler Parameters. SpringerBriefs in Applied Sciences and Technology, 2015, , 15-22.	0.4	6
82	A New Approach to Eliminate the Constraints Violation at the Position and Velocity Levels in Constrained Mechanical Multibody Systems. Mechanisms and Machine Science, 2015, , 385-393.	0.5	0
83	Vector of Coordinates, Velocities and Accelerations. SpringerBriefs in Applied Sciences and Technology, 2015, , 27-29.	0.4	0
84	Fundamental Concepts in Multibody Dynamics. SpringerBriefs in Applied Sciences and Technology, 2015, , 5-9.	0.4	2
85	Methods to Solve the Equations of Motion. SpringerBriefs in Applied Sciences and Technology, 2015, , 61-66.	0.4	0
86	Demonstrative Example of Application. SpringerBriefs in Applied Sciences and Technology, 2015, , 79-83.	0.4	0
87	Equations of Motion for Constrained Systems. SpringerBriefs in Applied Sciences and Technology, 2015, , 49-53.	0.4	0
88	Correction of the Initial Conditions. SpringerBriefs in Applied Sciences and Technology, 2015, , 75-78.	0.4	0
89	A Kriging Model for Dynamics of Mechanical Systems With Revolute Joint Clearances. Journal of Computational and Nonlinear Dynamics, 2014, 9, .	1.2	42
90	Patellofemoral Evaluation: Do We Need an Objective Kinematic Approach?. , 2014, , 37-44.		4

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91	Nonlinear vibration and dynamics of ceramic on ceramic artificial hip joints: a spatial multibody modelling. Nonlinear Dynamics, 2014, 76, 1365-1377.	5.2	53
92	Study of the friction-induced vibration and contact mechanics of artificial hip joints. Tribology International, 2014, 70, 1-10.	5.9	60
93	A Lookup-Table-Based Approach for Spatial Analysis of Contact Problems. Journal of Computational and Nonlinear Dynamics, 2014, 9, .	1.2	9
94	An Overview of Several Formulations for Dry and Lubricated Revolute Joint Clearances in Planar Rigid-Multi-Body Mechanical Systems. , 2014, , .		0
95	Study of the effect of contact force model on the dynamic response of mechanical systems with dry clearance joints: computational and experimental approaches. Nonlinear Dynamics, 2013, 73, 325-338.	5.2	169
96	Mechatronic medical device for wrist rehabilitation. , 2013, , .		0
97	Clinical diagnosis of patellofemoral disorders. , 2013, , .		2
98	ElastoHydroDynamic lubricated cylindrical joints for rigid-flexible multibody dynamics. Computers and Structures, 2013, 114-115, 106-120.	4.4	124
99	Comparison of Different Methods to Control Constraints Violation in Forward Multibody Dynamics. , 2013, , .		4
100	Computational and Experimental Analysis of Mechanical Systems With Revolute Clearance Joints. , 2013, , .		0
101	Design of a New Knee Orthosis Locking System. , 2013, , .		2
102	A Computational Approach for Cam Size Optimization of Disc Cam-Follower Mechanisms With Translating Roller Followers. Journal of Mechanisms and Robotics, 2013, 5, .	2.2	26
103	Influence of the Lubrication Model on the Dynamic Response of Mechanical Systems. , 2013, , .		0
104	A DOE- and Kriging-Based Model for Studying on the Dynamics of Multibody Mechanical Systems With Revolute Joint Clearance. , 2013, , .		0
105	A Lookup Table-Based Approach for Spatial Analysis of Contact Problems. , 2013, , .		0
106	Development of a new femoral component for patellofemoral prosthesis. , 2012, , .		0
107	Dynamic Response of Multibody Systems with Multiple Clearance Joints. Journal of Computational and Nonlinear Dynamics, 2012, 7, .	1.2	98
108	An Overview on Continuous Contact Force Models for Multibody Dynamics. , 2012, , .		0

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109	A biomechanical multibody foot model for forward dynamic analysis. , 2012, , .		4
110	Development of a biomechanical spine model for dynamic analysis. , 2012, , .		4
111	Modeling of the condyle elements within a biomechanical knee model. Multibody System Dynamics, 2012, 28, 181-197.	2.7	18
112	The effect of the lubricated revolute joint parameters and hydrodynamic force models on the dynamic response of planar multibody systems. Nonlinear Dynamics, 2012, 69, 635-654.	5.2	94
113	Application of the nonsmooth dynamics approach to model and analysis of the contact-impact events in cam-follower systems. Nonlinear Dynamics, 2012, 69, 2117-2133.	5.2	66
114	Compliant contact force models in multibody dynamics: Evolution of the Hertz contact theory. Mechanism and Machine Theory, 2012, 53, 99-121.	4.5	475
115	A Methodology to Detect the Precise Instant of Contact in Multibody Dynamics. , 2011, , .		0
116	Dynamic Response of Multibody Systems With Multiple Clearance Joints. , 2011, , .		1
117	A new model for dry and lubricated cylindrical joints withÂclearance in spatial flexible multibody systems. Nonlinear Dynamics, 2011, 64, 25-47.	5.2	180
118	Numerical and experimental investigation on multibody systems with revolute clearance joints. Nonlinear Dynamics, 2011, 65, 383-398.	5.2	213
119	On the continuous contact force models for soft materials in multibody dynamics. Multibody System Dynamics, 2011, 25, 357-375.	2.7	314
120	Compliant contact force approach for forward dynamic modeling and analysis of biomechanical systems. Procedia IUTAM, 2011, 2, 58-67.	1.2	6
121	A Parametric Study on the Baumgarte Stabilization Method for Forward Dynamics of Constrained Multibody Systems. Journal of Computational and Nonlinear Dynamics, 2011, 6, .	1.2	107
122	On the Contact Modeling and Analysis of the Human Knee Joint. , 2011, , .		0
123	A Novel Continuous Contact Force Model for Multibody Dynamics. , 2011, , .		0
124	Influence of the contact model on the dynamic response of the human knee joint. Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics, 2011, 225, 344-358.	0.8	15
125	A Methodology for Quantifying the Kinematic Position Errors due to Manufacturing and Assembly Tolerances. Strojniski Vestnik/Journal of Mechanical Engineering, 2011, 57, 457-467.	1.1	16
126	Modeling and Analysis of Rigid Multibody Systems with Translational Clearance Joints Based on the Nonsmooth Dynamics Approach. Computational Methods in Applied Sciences (Springer), 2011, , 107-130.	0.3	6

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127	Modeling and analysis of planar rigid multibody systems with translational clearance joints based on the non-smooth dynamics approach. Multibody System Dynamics, 2010, 23, 165-190.	2.7	187
128	On the contact detection for contact-impact analysis inÂmultibody systems. Multibody System Dynamics, 2010, 24, 103-122.	2.7	200
129	A mathematical framework for rigid contact detection between quadric and superquadric surfaces. Multibody System Dynamics, 2010, 24, 255-280.	2.7	78
130	Spatial rigid-multibody systems with lubricated spherical clearance joints: modeling and simulation. Nonlinear Dynamics, 2010, 60, 99-114.	5.2	132
131	Development of a planar multibody model of the human knee joint. Nonlinear Dynamics, 2010, 60, 459-478.	5.2	78
132	A parametric study on the dynamic response of planar multibody systems with multiple clearance joints. Nonlinear Dynamics, 2010, 61, 633-653.	5.2	231
133	Strain shielding in distal femur after patellofemoral arthroplasty under different activity conditions. Journal of Biomechanics, 2010, 43, 477-484.	2.1	28
134	Search algorithms for the multiple constant multiplications problem: Exact and approximate. Microprocessors and Microsystems, 2010, 34, 151-162.	2.8	75
135	Spatial Multibody Systems with Lubricated Spherical Joints: Modeling and Simulation. , 2010, , 397-404.		1
136	Kinematic Analysis of the Roller Follower Motion in Translating Cam-Follower Mechanisms. , 2010, , 253-259.		0
137	Cam Size Optimization of Disc Cam-Follower Mechanisms with Translating Roller Followers. , 2010, , 225-233.		3
138	Investigation on the Baumgarte Stabilization Method for Dynamic Analysis of Constrained Multibody Systems. , 2009, , 305-312.		10
139	Kinematics of the Roller Motion and CAM Size Optimization of Disc CAM-Follower Mechanisms With Translating Roller Followers. , 2009, , .		2
140	Lubricated revolute joints in rigid multibody systems. Nonlinear Dynamics, 2009, 56, 277-295.	5.2	110
141	Modeling and simulation of wear in revolute clearance joints in multibody systems. Mechanism and Machine Theory, 2009, 44, 1211-1222.	4.5	249
142	Dynamics of spatial flexible multibody systems with clearance and lubricated spherical joints. Computers and Structures, 2009, 87, 913-929.	4.4	184
143	A Parametric Study on the Baumgarte Stabilization Method for Forward Dynamics of Constrained Multibody Systems. , 2009, , .		1
144	Exact and Approximate Algorithms for the Optimization of Area and Delay in Multiple Constant Multiplications. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2008, 27, 1013-1026.	2.7	92

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145	Translational Joints With Clearance in Rigid Multibody Systems. Journal of Computational and Nonlinear Dynamics, 2008, 3, .	1.2	79
146	Contact-Impact Force Models for Mechanical Systems. , 2008, , 47-66.		8
147	Spatial Joints with Clearance: Dry Contact Models. , 2008, , 133-169.		4
148	Multibody Systems Formulation. , 2008, , 23-45.		0
149	Planar Joints with Clearance: Dry Contact Models. , 2008, , 67-100.		1
150	Lubricated Joints for Mechanical Systems. , 2008, , 101-131.		0
151	Dynamic behaviour of planar rigid multi-body systems including revolute joints with clearance. Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics, 2007, 221, 161-174.	0.8	36
152	A Systematic and General Approach to Kinematic Position Errors Due to Manufacturing and Assemble Tolerances. , 2007, , 43.		2
153	Modeling Expected Wear in Revolute Joints With Clearance in Multibody Mechanical Systems. , 2007, , 357.		0
154	Development of mechanical engineering curricula at the University of Minho. European Journal of Engineering Education, 2007, 32, 539-549.	2.3	9
155	Study of the Influence of the Revolute Joint Model on the Dynamic Behavior of Multibody Mechanical Systems: Modeling and Simulation. , 2007, , .		1
156	A study on dynamics of mechanical systems including joints with clearance and lubrication. Mechanism and Machine Theory, 2006, 41, 247-261.	4.5	249
157	Dynamics of Multibody Systems With Spherical Clearance Joints. Journal of Computational and Nonlinear Dynamics, 2006, 1, 240-247.	1.2	105
158	Development of Mechanical Engineering Curricula at the University of Minho. , 2006, , 353.		0
159	Spatial revolute joints with clearances for dynamic analysis of multi-body systems. Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics, 2006, 220, 257-271.	0.8	25
160	Influence of the contactâ€"impact force model on the dynamic response of multi-body systems. Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics, 2006, 220, 21-34.	0.8	64
161	Modelling lubricated revolute joints in multibody mechanical systems. Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics, 2004, 218, 183-190.	0.8	11
162	Dynamic Analysis for Planar Multibody Mechanical Systems with Lubricated Joints. Multibody System Dynamics, 2004, 12, 47-74.	2.7	195

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163	Revolute joints with clearance in multibody systems. Computers and Structures, 2004, 82, 1359-1369.	4.4	257
164	Undergraduatesâ€™ Views of Assessment in Higher Education: A Study carried out in Portugal. , 0, , .		0