Karol Miller

List of Publications by Year
in descending order

155 papers	6,155 citations	108046 37 h-index	84171 75 g-index
164 all docs	164 docs citations	164 times ranked	4414 citing authors

#	Article	IF	Citations
1	Hemodynamics of anterior circulation intracranial aneurysms with daughter blebs: investigating the multidirectionality of blood flow fields. Computer Methods in Biomechanics and Biomedical Engineering, 2023, 26, 113-125.	0.9	1
2	Computer simulation of tumour <scp>resectionâ€induced</scp> brain deformation by a meshless approach. International Journal for Numerical Methods in Biomedical Engineering, 2022, 38, e3539.	1.0	4
3	Evaluation of the head protection effectiveness of cyclist helmets using full-scale computational biomechanics modelling of cycling accidents. Journal of Safety Research, 2022, 80, 109-134.	1.7	34
4	Automatic framework for patient-specific modelling of tumour resection-induced brain shift. Computers in Biology and Medicine, 2022, 143, 105271.	3.9	4
5	On stress in abdominal aortic aneurysm: Linear versus nonâ€linear analysis and aneurysm rupture risk. International Journal for Numerical Methods in Biomedical Engineering, 2022, 38, e3554.	1.0	4
6	Should anthropometric differences between the commonly used pedestrian computational biomechanics models and Chinese population be taken into account when predicting pedestrian head kinematics and injury in vehicle collisions in China?. Accident Analysis and Prevention, 2022, 173, 106718.	3.0	10
7	Re â€œBiomechanical Assessment Predicts Aneurysm Related Events in Patients with Abdominal Aortic Aneurysmâ€. European Journal of Vascular and Endovascular Surgery, 2021, 61, 163-164.	0.8	0
8	Greenfields gold deposit exploration techniques using conformal geometric algebra-based arsenopyrite trace element assemblage models. Journal of Geochemical Exploration, 2021, 228, 106685.	1.5	1
9	Automatic Framework for Patient-Specific Biomechanical Computations of Organ Deformation. , 2021, , 3-16.		1
10	Peak wall stress and peak wall rupture index in ruptured and asymptomatic intact abdominal aortic aneurysms. British Journal of Surgery, 2021, 108, e255-e255.	0.1	0
11	Simple and robust element-free Galerkin method with almost interpolating shape functions for finite deformation elasticity. Applied Mathematical Modelling, 2021, 96, 284-303.	2.2	16
12	Simulation of intracranial hemodynamics by an efficient and accurate immersed boundary scheme. International Journal for Numerical Methods in Biomedical Engineering, 2021, , e3524.	1.0	0
13	Immersed boundary finite element method for blood flow simulation. Computers and Fluids, 2021, 230, 105162.	1.3	3
14	Cellâ€based maximum entropy approximants for threeâ€dimensional domains: Application in large strain elastodynamics using the meshless total Lagrangian explicit dynamics method. International Journal for Numerical Methods in Engineering, 2020, 121, 477-491.	1.5	8
15	Computational biomechanics for medical image analysis. , 2020, , 953-977.		5
16	Prediction of pedestrian brain injury due to vehicle impact using computational biomechanics models: Are head-only models sufficient?. Traffic Injury Prevention, 2020, 21, 102-107.	0.6	18
17	Image, geometry and finite element mesh datasets for analysis of relationship between abdominal aortic aneurysm symptoms and stress in walls of abdominal aortic aneurysm. Data in Brief, 2020, 30, 105451.	0.5	3
18	Modeling the Natural Convection Flow in a Square Porous Enclosure Filled with a Micropolar Nanofluid under Magnetohydrodynamic Conditions. Applied Sciences (Switzerland), 2020, 10, 1633.	1.3	10

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19	Study of the thermo-magneto-hydrodynamic flow of micropolar-nanofluid in square enclosure using dynamic mode decomposition and proper orthogonal decomposition. European Journal of Mechanics, B/Fluids, 2020, 84, 272-288.	1.2	4
20	Two-Phase Biofluid Flow Model for Magnetic Drug Targeting. Symmetry, 2020, 12, 1083.	1.1	11
21	Is There a Relationship Between Stress in Walls of Abdominal Aortic Aneurysm and Symptoms?. Journal of Surgical Research, 2020, 252, 37-46.	0.8	12
22	Mathematical modeling and computer simulation of needle insertion into soft tissue. PLoS ONE, 2020, 15, e0242704.	1.1	10
23	Meshless Method for Simulation of Needle Insertion into Soft Tissues: Preliminary Results. , 2020, , 73-86.		0
24	Biomechanical Modelling of the Brain for Neurosurgical Simulation and Neuroimage Registration. Biological and Medical Physics Series, 2019, , 135-164.	0.3	3
25	Biomechanical modeling and computer simulation of the brain during neurosurgery. International Journal for Numerical Methods in Biomedical Engineering, 2019, 35, e3250.	1.0	20
26	An Explicit Meshless Point Collocation Solver for Incompressible Navier-Stokes Equations. Fluids, 2019, 4, 164.	0.8	9
27	Suite of meshless algorithms for accurate computation of soft tissue deformation for surgical simulation. Medical Image Analysis, 2019, 56, 152-171.	7.0	52
28	Modeling and Thermal Analysis of a Moving Spacecraft Subject to Solar Radiation Effect. Processes, 2019, 7, 807.	1.3	6
29	Finite Element Algorithms for Computational Biomechanics of the Brain. Biological and Medical Physics Series, 2019, , 243-272.	0.3	2
30	Maximum Principal AAA Wall Stress Is Proportional to Wall Thickness. , 2019, , 43-53.		3
31	Biomechanical Modelling of the Brain for Neuronavigation in Epilepsy Surgery. Biological and Medical Physics Series, 2019, , 165-180.	0.3	0
32	Meshless Algorithms for Computational Biomechanics of the Brain. Biological and Medical Physics Series, 2019, , 273-301.	0.3	1
33	Strong- and Weak-Form Meshless Methods in Computational Biomechanics. , 2018, , 325-339.		3
34	Strong-form approach to elasticity: Hybrid finite difference-meshless collocation method (FDMCM). Applied Mathematical Modelling, 2018, 57, 316-338.	2.2	16
35	Computational monitoring in real time: review of methods and applications. Geomechanics and Geophysics for Geo-Energy and Geo-Resources, 2018, 4, 235-271.	1.3	16
36	Prediction of brain deformations and risk of traumatic brain injury due to closed-head impact: quantitative analysis of the effects of boundary conditions and brain tissue constitutive model. Biomechanics and Modeling in Mechanobiology, 2018, 17, 1165-1185.	1.4	39

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37	A simple method of incorporating the effect of the Uniform Stress Hypothesis in arterial wall stress computations. Acta of Bioengineering and Biomechanics, 2018, 20, 59-67.	0.2	3
38	Studentsâ€™ responses to authentic assessment designed to develop commitment to performing at their best. European Journal of Engineering Education, 2017, 42, 219-240.	1.5	12
39	An implicit potential method along with a meshless technique for incompressible fluid flows for regular and irregular geometries in 2D and 3D. Engineering Analysis With Boundary Elements, 2017, 77, 97-111.	2.0	11
40	A new method for essential boundary conditions imposition in explicit meshless methods. Engineering Analysis With Boundary Elements, 2017, 80, 94-104.	2.0	20
41	Computation of Brain Deformations Due to Violent Impact: Quantitative Analysis of the Importance of the Choice of Boundary Conditions and Brain Tissue Constitutive Model. , 2017, , 159-173.		2
42	Constitutive Modelling of Lamb Aorta. , 2017, , 15-25.		0
43	Computation of accurate solutions when using element-free Galerkin methods for solving structural problems. Engineering Computations, 2017, 34, 902-920.	0.7	4
44	An Element Free Galerkin Method Based on the Modified Moving Least Squares Approximation. Journal of Scientific Computing, 2017, 71, 1197-1211.	1.1	17
45	BioPARR: A software system for estimating the rupture potential index for abdominal aortic aneurysms. Scientific Reports, 2017, 7, 4641.	1.6	53
46	A comparison of hemodynamic metrics and intraluminal thrombus burden in a common iliac artery aneurysm. International Journal for Numerical Methods in Biomedical Engineering, 2017, 33, e2821.	1.0	50
47	Methods in Mechanical Testing of Arterial Tissue: A Review. Strain, 2016, 52, 380-399.	1.4	50
48	On the appropriateness of modelling brain parenchyma as a biphasic continuum. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 61, 511-518.	1.5	18
49	The influence of downstream branching arteries on upstream haemodynamics. Journal of Biomechanics, 2016, 49, 3090-3096.	0.9	9
50	Fuzzy Tissue Classification for Non-Linear Patient-Specific Biomechanical Models for Whole-Body Image Registration. , 2016, , 85-96.		2
51	Biomechanical model for computing deformations for wholeâ€body image registration: A meshless approach. International Journal for Numerical Methods in Biomedical Engineering, 2016, 32, e02771.	1.0	18
52	Commentary: Computational Biomechanicsâ€“Based Rupture Prediction of Abdominal Aortic Aneurysms. Journal of Endovascular Therapy, 2016, 23, 121-124.	0.8	6
53	Computational Biomechanics for Patient-Specific Applications. Annals of Biomedical Engineering, 2016, 44, 1-2.	1.3	33
54	From Finite Element Meshes to Clouds of Points: A Review of Methods for Generation of Computational Biomechanics Models for Patient-Specific Applications. Annals of Biomedical Engineering, 2016, 44, 3-15.	1.3	52

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55	Influence of Geometry and Mechanical Properties on the Accuracy of Patient-Specific Simulation of Women Pelvic Floor. Annals of Biomedical Engineering, 2016, 44, 202-212.	1.3	27
56	Numerical investigations of rib fracture failure models in different dynamic loading conditions. Computer Methods in Biomechanics and Biomedical Engineering, 2016, 19, 527-537.	0.9	9
57	A simple, effective and clinically applicable method to compute abdominal aortic aneurysm wall stress. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 58, 139-148.	1.5	73
58	Implementation of a Modified Moving Least Squares Approximation for Predicting Soft Tissue Deformation Using a Meshless Method. , 2015, , 59-71.		10
59	Numerical Algorithm for Simulation of Soft Tissue Swelling and Shrinking in a Total Lagrangian Explicit Dynamics Framework. , 2015, , 37-46.		2
60	Patient-specific biomechanical model as whole-body CT image registration tool. Medical Image Analysis, 2015, 22, 22-34.	7.0	18
61	Towards measuring neuroimage misalignment. Computers in Biology and Medicine, 2015, 64, 12-23.	3.9	13
62	Efficient visibility criterion for discontinuities discretised by triangular surface meshes. Engineering Analysis With Boundary Elements, 2015, 58, 1-6.	2.0	4
63	A Total Lagrangian based method for recovering the un-deformed configuration in finite elasticity. Applied Mathematical Modelling, 2015, 39, 3913-3923.	2.2	8
64	Mechanical Properties of Brainâ€“Skull Interface in Compression. , 2015, , 83-91.		5
65	Modified moving least squares with polynomial bases for scattered data approximation. Applied Mathematics and Computation, 2015, 266, 893-902.	1.4	52
66	Adaptive numerical integration in Element-Free Galerkin methods for elliptic boundary value problems. Engineering Analysis With Boundary Elements, 2015, 51, 52-63.	2.0	25
67	Efficient Inverse Isoparametric Mapping Algorithm for Whole-Body Computed Tomography Registration Using Deformations Predicted by Nonlinear Finite Element Modeling. Journal of Biomechanical Engineering, 2014, 136, .	0.6	8
68	More accurate neuronavigation data provided by biomechanical modeling instead of rigid registration. Journal of Neurosurgery, 2014, 120, 1477-1483.	0.9	37
69	Whole-Body Image Registration Using Patient-Specific Nonlinear Finite Element Model. , 2014, , 113-122.		1
70	Meshless algorithm for soft tissue cutting in surgical simulation. Computer Methods in Biomechanics and Biomedical Engineering, 2014, 17, 800-811.	0.9	40
71	Regions of High Wall Stress Can Predict the Future Location of Rupture of Abdominal Aortic Aneurysm. CardioVascular and Interventional Radiology, 2014, 37, 815-818.	0.9	34
72	A three-dimensional nonlinear meshfree algorithm for simulating mechanical responses of soft tissue. Engineering Analysis With Boundary Elements, 2014, 42, 60-66.	2.0	57

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73	Patient-Specific Meshless Model for Whole-Body Image Registration. Lecture Notes in Computer Science, 2014, , 50-57.	1.0	5
74	Biomechanical Model as a Registration Tool for Image-Guided Neurosurgery: Evaluation Against BSpline Registration. Annals of Biomedical Engineering, 2013, 41, 2409-2425.	1.3	34
75	On the prospect of patient-specific biomechanics without patient-specific properties of tissues. Journal of the Mechanical Behavior of Biomedical Materials, 2013, 27, 154-166.	1.5	92
76	Computational modelling of hydrocephalus. Journal of Biomechanics, 2013, 46, 2558-2559.	0.9	2
77	Patientâ€specific computational biomechanics of the brain without segmentation and meshing. International Journal for Numerical Methods in Biomedical Engineering, 2013, 29, 293-308.	1.0	33
78	Cellular automata coupled with steadyâ€state nutrient solution permit simulation of largeâ€scale growth of tumours. International Journal for Numerical Methods in Biomedical Engineering, 2013, 29, 542-559.	1.0	9
79	Intra-operative Update of Neuro-images: Comparison of Performance of Image Warping Using Patient-Specific Biomechanical Model and BSpline Image Registration. , 2013, , 127-141.		1
80	3D Algorithm for Simulation of Soft Tissue Cutting. , 2013, , 49-62.		6
81	Objective Evaluation of Accuracy of Intra-Operative Neuroimage Registration. , 2013, , 87-99.		7
82	Mechanical properties of the brain-skull interface. Acta of Bioengineering and Biomechanics, 2013, 15, 3-11.	0.2	4
83	Beyond finite elements: A comprehensive, patient-specific neurosurgical simulation utilizing a meshless method. Journal of Biomechanics, 2012, 45, 2698-2701.	0.9	40
84	Stable time step estimates for meshâ€free particle methods. International Journal for Numerical Methods in Engineering, 2012, 91, 450-456.	1.5	25
85	Performing Brain Image Warping Using the Deformation Field Predicted by a Biomechanical Model. , 2012, , 89-96.		5
86	Neuroimage as a Biomechanical Model: Toward New Computational Biomechanics of the Brain. , 2012, , 19-28.		2
87	Real-Time Nonlinear Finite Element Computations on GPU: Handling of Different Element Types. , 2011, , 73-80.		5
88	The Effects of Youngâ€™s Modulus on Predicting Prostate Deformation for MRI-Guided Interventions. , 2011, , 39-49.		4
89	On the Effects of Model Complexity in Computing Brain Deformation for Image-Guided Neurosurgery. , 2011, , 51-61.		1
90	Computational Biomechanics of the Brain; Application to Neuroimage Registration. Studies in Mechanobiology, Tissue Engineering and Biomaterials, 2011, , 135-157.	0.7	2

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91	An adaptive dynamic relaxation method for solving nonlinear finite element problems. Application to brain shift estimation. International Journal for Numerical Methods in Biomedical Engineering, 2011, 27, 173-185.	1.0	57
92	Computational biomechanics for medicine. International Journal for Numerical Methods in Biomedical Engineering, 2011, 27, 345-346.	1.0	1
93	Letter to the Editor: Current progress in patient-specific modeling by Neal and Kerckhoffs (2010). Briefings in Bioinformatics, 2011, 12, 545-546.	3.2	0
94	Biomechanical Modeling of the Brain for Computer-Assisted Neurosurgery. Biological and Medical Physics Series, 2011, , 111-136.	0.3	17
95	Algorithms for Computational Biomechanics of the Brain. Biological and Medical Physics Series, 2011, , 189-219.	0.3	6
96	Patient-specific non-linear finite element modelling for predicting soft organ deformation in real-time; Application to non-rigid neuroimage registration. Progress in Biophysics and Molecular Biology, 2010, 103, 292-303.	1.4	74
97	Modelling brain deformations for computerâ€integrated neurosurgery. International Journal for Numerical Methods in Biomedical Engineering, 2010, 26, 117-138.	1.0	59
98	A meshless Total Lagrangian explicit dynamics algorithm for surgical simulation. International Journal for Numerical Methods in Biomedical Engineering, 2010, 26, 977-998.	1.0	81
99	Real-time nonlinear finite element computations on GPU â€“ Application to neurosurgical simulation. Computer Methods in Applied Mechanics and Engineering, 2010, 199, 3305-3314.	3.4	150
100	Evaluation of accuracy of non-linear finite element computations for surgical simulation: study using brain phantom. Computer Methods in Biomechanics and Biomedical Engineering, 2010, 13, 783-794.	0.9	7
101	Accuracy of Non-linear FE Modelling for Surgical Simulation: Study Using Soft Tissue Phantom. , 2010, , 29-41.		4
102	Cortical Surface Motion Estimation for Brain Shift Prediction. , 2010, , 53-62.		7
103	Can Vascular Dynamics Cause Normal Pressure Hydrocephalus?. , 2010, , 73-80.		1
104	Biomechanics of the brain for computer-integrated surgery. Acta of Bioengineering and Biomechanics, 2010, 12, 25-37.	0.2	1
105	Nonâ€locking tetrahedral finite element for surgical simulation. Communications in Numerical Methods in Engineering, 2009, 25, 827-836.	1.3	50
106	On the unimportance of constitutive models in computing brain deformation for image-guided surgery. Biomechanics and Modeling in Mechanobiology, 2009, 8, 77-84.	1.4	99
107	Suite of finite element algorithms for accurate computation of soft tissue deformation for surgical simulation. Medical Image Analysis, 2009, 13, 912-919.	7.0	91
108	Editorial. Medical Image Analysis, 2009, 13, 911-911.	7.0	1

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109	Computation of intra-operative brain shift using dynamic relaxation. Computer Methods in Applied Mechanics and Engineering, 2009, 198, 3313-3320.	3.4	65
110	Real-Time Prediction of Brain Shift Using Nonlinear Finite Element Algorithms. Lecture Notes in Computer Science, 2009, 12, 300-307.	1.0	28
111	An efficient hourglass control implementation for the uniform strain hexahedron using the Total Lagrangian formulation. Communications in Numerical Methods in Engineering, 2008, 24, 1315-1323.	1.3	35
112	Compression testing of very soft biological tissues using semi-confined configurationâ€"A word of caution. Journal of Biomechanics, 2008, 41, 235-238.	0.9	31
113	Biomechanical modelling of normal pressure hydrocephalus. Journal of Biomechanics, 2008, 41, 2263-2271.	0.9	77
114	3D analysis of cervical spine kinematic: effect of age and gender in healthy subjects. Computer Methods in Biomechanics and Biomedical Engineering, 2008, 11, 135-136.	0.9	19
115	Subject-specific non-linear biomechanical model of needle insertion into brain. Computer Methods in Biomechanics and Biomedical Engineering, 2008, 11, 135-146.	0.9	37
116	Coupling Finite Element and Mesh-free Methods for Modelling Brain Deformation in Response to Tumour Growth. , 2008, , .		6
117	Confocal arthroscopy-based patient-specific constitutive models of cartilaginous tissuesâ€"I: development of a microstructural model. Computer Methods in Biomechanics and Biomedical Engineering, 2007, 10, 307-316.	0.9	6
118	Confocal arthroscopy-based patient-specific constitutive models of cartilaginous tissuesâ€"II: prediction of reaction force history of meniscal cartilage specimens. Computer Methods in Biomechanics and Biomedical Engineering, 2007, 10, 327-336.	0.9	4
119	Patient-specific model of brain deformation: Application to medical image registration. Journal of Biomechanics, 2007, 40, 919-929.	0.9	189
120	Subject-Specific Biomechanical Simulation of Brain Indentation Using a Meshless Method. , 2007, 10, 541-548.		8
121	Constitutive Modeling of Cartilaginous Tissues: A Review. Journal of Applied Biomechanics, 2006, 22, 212-229.	0.3	26
122	Numerical analysis of maximal bat performance in baseball. Journal of Biomechanics, 2006, 39, 1001-1009.	0.9	21
123	Total Lagrangian explicit dynamics finite element algorithm for computing soft tissue deformation. Communications in Numerical Methods in Engineering, 2006, 23, 121-134.	1.3	227
124	QUANTITATIVE CHARACTERIZATION OF COLLAGEN ORIENTATION IN THE SUPERFICIAL ZONE FOR STUDYING EARLY DEGENERATIVE CHANGES IN ARTICULAR CARTILAGE. Journal of Musculoskeletal Research, 2006, 10, 1-12.	0.1	2
125	A Numerical Model for Risk of Ball-Impact Injury to Baseball Pitchers. Medicine and Science in Sports and Exercise, 2005, 37, 30-38.	0.2	4
126	Modeling Deformation Behavior of the Baseball. Journal of Applied Biomechanics, 2005, 21, 18-30.	0.3	6

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127	Most recent results in the biomechanics of the brain. Journal of Biomechanics, 2005, 38, 965.	0.9	5
128	Using numerical approximation as an intermediate step in analytical derivations: some observations from biomechanics. Journal of Biomechanics, 2005, 38, 2497-2502.	0.9	3
129	Method of testing very soft biological tissues in compression. Journal of Biomechanics, 2005, 38, 153-158.	0.9	160
130	UTILIZATION OF TWO-DIMENSIONAL FAST FOURIER TRANSFORM AND POWER SPECTRAL ANALYSIS FOR ASSESSMENT OF EARLY DEGENERATION OF ARTICULAR CARTILAGE. Journal of Musculoskeletal Research, 2005, 09, 119-131.	0.1	8
131	TOWARDS COMPUTING BRAIN DEFORMATIONS FOR DIAGNOSIS, PROGNOSIS AND NEUROSURGICAL SIMULATION. Journal of Mechanics in Medicine and Biology, 2005, 05, 105-121.	0.3	32
132	Brain Shift Computation Using a Fully Nonlinear Biomechanical Model. Lecture Notes in Computer Science, 2005, 8, 583-590.	1.0	49
133	QUANTIFICATION OF CHONDROCYTE MORPHOLOGY BY CONFOCAL ARTHROSCOPY. Journal of Musculoskeletal Research, 2004, 08, 145-154.	0.1	9
134	Reassessment of brain elasticity for analysis of biomechanisms of hydrocephalus. Journal of Biomechanics, 2004, 37, 1263-1269.	0.9	204
135	Modeling of flow system dynamics. Journal of Thermal Science, 2004, 13, 56-61.	0.9	1
136	Impact Injuries in Baseball. Sports Medicine, 2004, 34, 17-25.	3.1	31
137	Optimal Kinematic Design of Spatial Parallel Manipulators: Application to Linear Delta Robot. Journal of Mechanical Design, Transactions of the ASME, 2003, 125, 292-301.	1.7	172
138	Bat Kinematics in Baseball: Implications for Ball Exit Velocity and Player Safety. Journal of Applied Biomechanics, 2003, 19, 283-294.	0.3	20
139	Design and Applications of Parallel Robots. , 2003, , 161-173.		4
140	Confocal Arthroscope Development For in vivo Knee Joint Diagnosis. Microscopy and Microanalysis, 2002, 8, 902-903.	0.2	1
141	Brain mechanics For neurosurgery: modeling issues. Biomechanics and Modeling in Mechanobiology, 2002, 1, 151-164.	1.4	98
142	Mechanical properties of brain tissue in tension. Journal of Biomechanics, 2002, 35, 483-490.	0.9	525
143	How to test very soft biological tissues in extension?. Journal of Biomechanics, 2001, 34, 651-657.	0.9	84
144	Towards MRI guided surgical manipulator. Medical Science Monitor, 2001, 7, 153-63.	0.5	81

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145	Non-linear computer simulation of brain deformation. Biomedical Sciences Instrumentation, 2001, 37, 179-84.	0.2	3
146	Mechanical properties of brain tissue in-vivo: experiment and computer simulation. Journal of Biomechanics, 2000, 33, 1369-1376.	0.9	503
147	Constitutive modelling of abdominal organs. Journal of Biomechanics, 2000, 33, 367-373.	0.9	144
148	New UWA robot--possible application to robotic surgery. Biomedical Sciences Instrumentation, 2000, 36, 135-40.	0.2	6
149	Biomechanics of soft tissues. Medical Science Monitor, 2000, 6, 158-67.	0.5	17
150	Constitutive model of brain tissue suitable for finite element analysis of surgical procedures. Journal of Biomechanics, 1999, 32, 531-537.	0.9	225
151	Modelling Soft Tissue Using Biphasic Theory â€" A Word of Caution. Computer Methods in Biomechanics and Biomedical Engineering, 1998, 1, 261-263.	0.9	22
152	Constitutive modelling of brain tissue: Experiment and theory. Journal of Biomechanics, 1997, 30, 1115-1121.	0.9	461
153	Absence of an inhibitory effect of omeprazole and nizatidine on phenytoin disposition, a marker of CYP2C activity. British Journal of Clinical Pharmacology, 1993, 36, 380-382.	1.1	14
154	Osmotic adaptation by gram-negative bacteria: possible role for periplasmic oligosaccharides. Science, 1986, 231, 48-51.	6.0	266
155	Significance of strain rate-dependence in modelling of organic materials. , 0, , .		0