

Harvey Ho

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

658
citations

759233

12
h-index

752698

20
g-index

83
all docs

83
docs citations

83
times ranked

657
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Anastomosis Angles on Retrograde Perfusion and Hemodynamics of Hybrid Treatment for Thoracoabdominal Aortic Aneurysm. <i>Annals of Vascular Surgery</i> , 2022, 79, 298-309.	0.9	7
2	Improving physicochemical properties of myofibrillar proteins from wooden breast of broiler by diverse glycation strategies. <i>Food Chemistry</i> , 2022, 382, 132328.	8.2	23
3	Multiscale Modeling Is Required for the Patent Ductus Arteriosus in Preterm Infants. <i>Frontiers in Pediatrics</i> , 2022, 10, 857434.	1.9	0
4	Synergistic effect of preheating and different power output high-intensity ultrasound on the physicochemical, structural, and gelling properties of myofibrillar protein from chicken wooden breast. <i>Ultrasonics Sonochemistry</i> , 2022, 86, 106030.	8.2	18
5	Occurrence, Antimicrobial Resistance Patterns, and Genetic Characterization of <i>Staphylococcus aureus</i> Isolated from Raw Milk in the Dairy Farms over Two Seasons in China. <i>Microbial Drug Resistance</i> , 2021, 27, 99-110.	2.0	7
6	Towards a Generic Bicubic Hermite Mesh Template for Cow Udders. <i>Communications in Computer and Information Science</i> , 2021, , 100-107.	0.5	0
7	Efficacy and Mechanism of Ultrasound Combined with Slightly Acidic Electrolyzed Water for Inactivating <i>Escherichia coli</i> . <i>Journal of Food Quality</i> , 2021, 2021, 1-10.	2.6	9
8	Prevalence, Drug Resistance, and Virulence Genes of Potential Pathogenic Bacteria in Pasteurized Milk of Chinese Fresh Milk Bar. <i>Journal of Food Protection</i> , 2021, 84, 1863-1867.	1.7	2
9	Physiologically Based Pharmacokinetic Modelling for Nicotine and Cotinine Clearance in Pregnant Women. <i>Frontiers in Pharmacology</i> , 2021, 12, 688597.	3.5	6
10	Distribution and variation in proteins of casein micellar fractions response to heat-treatment from five dairy species. <i>Food Chemistry</i> , 2021, 365, 130640.	8.2	8
11	Global sensitivity analysis of a single-cell HBV model for viral dynamics in the liver. <i>Infectious Disease Modelling</i> , 2021, 6, 1220-1235.	1.9	4
12	Survey of Aflatoxin M1 in Commercial Liquid Milk Products in China. <i>Journal of Food Protection</i> , 2021, 84, 200-203.	1.7	0
13	Secondhand Smoking and Sudden Infant Death Syndrome: How can <i>in Silico</i> Pharmacokinetics and Circulation Models Contribute?. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 820404.	4.1	0
14	Analysis of Veterinary Drug Residues in Pasteurized Milk Samples in Chinese Milk Bars. <i>Journal of Food Protection</i> , 2020, 83, 204-210.	1.7	8
15	<i>In vivo</i> measurement of gastric fluid volume in anesthetized dogs. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 55, 101488.	3.0	7
16	Prevalence and antimicrobial-resistance phenotypes and genotypes of <i>Escherichia coli</i> isolated from raw milk samples from mastitis cases in four regions of China. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 22, 94-101.	2.2	31
17	Modeling the hepatic arterial flow in living liver donor after left hepatectomy and postoperative boundary condition exploration. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2020, 36, e3268.	2.1	7
18	Computational modelling for the spiral flow in umbilical arteries with different systole/diastole flow velocity ratios. <i>Medical Engineering and Physics</i> , 2020, 84, 96-102.	1.7	4

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19	Virtual Lobule Models Are the Key for Multiscale Biomechanical and Pharmacological Modeling for the Liver. <i>Frontiers in Physiology</i> , 2020, 11, 1061.	2.8	9
20	Patient-Specific Blood Flow Analysis for Cerebral Arteriovenous Malformation Based on Digital Subtraction Angiography Images. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 775.	4.1	2
21	A Pilot Study on Secondhand Smoke Exposure Among Pregnant Women in Chongqing, China: A Combined Questionnaire, Saliva Cotinine Test, and Ultrasound Flow Index Analysis. <i>Frontiers in Public Health</i> , 2020, 8, 290.	2.7	5
22	Extrapolation for a pharmacokinetic model for acetaminophen from adults to neonates: A Latin Hypercube Sampling analysis. <i>Drug Metabolism and Pharmacokinetics</i> , 2020, 35, 329-333.	2.2	6
23	Profiles of gelling characteristics of myofibrillar proteins extracted from chicken breast: Effects of temperatures and phosphates. <i>LWT - Food Science and Technology</i> , 2020, 129, 109525.	5.2	13
24	Maternal Smoking Induced Cardiovascular Risks in Fetuses: How Can <i>in silico</i> Models Help?. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 97.	4.1	2
25	Mathematical Modeling for Hepatitis B Virus: Would Spatial Effects Play a Role and How to Model It?. <i>Frontiers in Physiology</i> , 2020, 11, 146.	2.8	8
26	Ventricular Septal Rupture After Blunt Chest Trauma in an Infant: A Case Report and Mini-Review. <i>Frontiers in Pediatrics</i> , 2020, 8, 316.	1.9	2
27	A coupled one dimension and transmission line model for arterial flow simulation. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2020, 36, e3327.	2.1	6
28	Physicochemical and microstructural attributes of marinated chicken breast influenced by breathing ultrasonic tumbling. <i>Ultrasonics Sonochemistry</i> , 2020, 64, 105022.	8.2	28
29	An <i>in silico</i> pipeline for subject-specific hemodynamics analysis in liver surgery planning. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2020, 23, 138-142.	1.6	2
30	An <i>in silico</i> rat liver atlas. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2020, 23, 597-600.	1.6	3
31	A Hybrid 0D-1D Model for Cerebral Circulation and Cerebral Arteries. , 2020, , 99-110.		5
32	Computational simulations for the hepatic arterial buffer response after liver graft transplantation from an adult to a child. <i>Medical Engineering and Physics</i> , 2020, 75, 49-52.	1.7	8
33	A Survey of 61 Veterinary Drug Residues in Commercial Liquid Milk Products in China. <i>Journal of Food Protection</i> , 2020, 83, 1227-1233.	1.7	4
34	Real-Time Morphing of the Visible Man Liver with Intrahepatic Vasculatures. <i>Communications in Computer and Information Science</i> , 2020, , 150-159.	0.5	0
35	Development of 3D Physiological Simulation and Education Software for Pregnant Women. <i>Communications in Computer and Information Science</i> , 2020, , 160-168.	0.5	0
36	Anatomically based simulation of hepatic perfusion in the human liver. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2019, 35, e3229.	2.1	16

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37	Considerations for a computer model for the hepatic circulation under chronic Budd-Chiari syndrome conditions. <i>Medical Engineering and Physics</i> , 2019, 71, 2.	1.7	0
38	A computational model for hepatotoxicity by coupling drug transport and acetaminophen metabolism equations. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2019, 35, e3234.	2.1	6
39	Effects of ultrafine comminution treatment on gelling properties of myofibrillar proteins from chicken breast. <i>Food Hydrocolloids</i> , 2019, 97, 105199.	10.7	43
40	Hemodynamic aspects of the Budd-Chiari syndrome of the liver: A computational model study. <i>Medical Engineering and Physics</i> , 2019, 69, 134-139.	1.7	10
41	Antimicrobial resistance and virulence genes of <i>Streptococcus</i> isolated from dairy cows with mastitis in China. <i>Microbial Pathogenesis</i> , 2019, 131, 33-39.	2.9	43
42	Visible Fat Content of Hotpot Beef Acceptability by New Zealand Chinese, Japanese, and Korean Consumers. <i>Journal of Food Quality</i> , 2019, 2019, 1-11.	2.6	2
43	A spatial-temporal model for zonal hepatotoxicity of acetaminophen. <i>Drug Metabolism and Pharmacokinetics</i> , 2019, 34, 71-77.	2.2	14
44	A CT-image based pig atlas model and its potential applications in the meat industry. <i>Meat Science</i> , 2019, 148, 1-4.	5.5	11
45	Evaluation of a Statistical Shape Model for the Liver. , 2018, , .		1
46	Novel methods for segment-specific blood flow simulation for the liver. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2018, 21, 780-783.	1.6	10
47	Quantification of <i>in vivo</i> gastric fluid volume in Bama miniature pigs in fasted state. <i>Biopharmaceutics and Drug Disposition</i> , 2018, 39, 403-407.	1.9	4
48	Deformable Cubic Hermite Mesh Templates for Statistical Liver Shape Analysis. <i>Lecture Notes in Computer Science</i> , 2018, , 93-101.	1.3	3
49	System Designs for Augmented Reality Based Ablation Probe Tracking. <i>Lecture Notes in Computer Science</i> , 2018, , 87-99.	1.3	1
50	Fast blood-flow simulation for large arterial trees containing thousands of vessels. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2017, 20, 160-170.	1.6	12
51	A multi-scale spatial model of hepatitis-B viral dynamics. <i>PLoS ONE</i> , 2017, 12, e0188209.	2.5	9
52	Methods and apparatus for tracking internal structures in soft objects: A phantom-based study. , 2017, , .		0
53	Modelling Respiration Induced Torso Deformation Using a Mesh Fitting Algorithm. <i>Lecture Notes in Computer Science</i> , 2017, , 625-634.	1.3	0
54	Roadmap for cardiovascular circulation model. <i>Journal of Physiology</i> , 2016, 594, 6909-6928.	2.9	33

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55	Virtual liver models in pre-surgical planning, intra-surgical navigation and prognosis analysis. Drug Discovery Today: Disease Models, 2016, 22, 51-56.	1.2	1
56	Computational Simulation of Blood Flow and Drug Transportation in a Large Vasculature. , 2016, , 133-142.		4
57	Post-mortem prediction of primal and selected retail cut weights of New Zealand lamb from carcass and animal characteristics. Meat Science, 2016, 112, 39-45.	5.5	12
58	A Computer Simulation for 3D Vasculature-Based Oxygen Distribution and Tumour Growth. , 2015, , 25-35.		2
59	Modelling the Deformation of the Human Cornea Produced by a Focussed Air Pulse. , 2015, , 93-100.		2
60	AneuSearch: a software prototype for intracranial aneurysm searching and clinical decision support. International Journal of Computer Assisted Radiology and Surgery, 2014, 9, 997-1004.	2.8	1
61	Modelling the Tumour Growth Along a Complex Vasculature Using Cellular Automata. , 2014, , 27-40.		2
62	Hemodynamic Analysis for Transjugular Intrahepatic Portosystemic Shunt (TIPS) in the Liver Based on a CT-Image. IEEE Transactions on Medical Imaging, 2013, 32, 92-98.	8.9	23
63	Numerical Simulation of Blood Flow in an Anatomically-Accurate Cerebral Venous Tree. IEEE Transactions on Medical Imaging, 2013, 32, 85-91.	8.9	19
64	Modeling the hepatic arterial buffer response in the liver. Medical Engineering and Physics, 2013, 35, 1053-1058.	1.7	36
65	Blood Flow Simulation for the Liver after a Virtual Right Lobe Hepatectomy. Lecture Notes in Computer Science, 2012, 15, 525-532.	1.3	8
66	Mechanics of the foot Part 2: A coupled solidâ€“fluid model to investigate blood transport in the pathologic foot. International Journal for Numerical Methods in Biomedical Engineering, 2012, 28, 1071-1081.	2.1	19
67	Numerical analysis for the blood flow in a patient-specific ophthalmic artery. Medical Engineering and Physics, 2012, 34, 123-127.	1.7	4
68	Geometric Modelling of Patient-Specific Hepatic Structures Using Cubic Hermite Elements. Lecture Notes in Computer Science, 2012, , 264-271.	1.3	3
69	Non-newtonian Blood Flow Analysis for the Portal Vein Based on a CT Image. Lecture Notes in Computer Science, 2012, , 283-291.	1.3	5
70	Toward Computer Modelling of Blood Flow in an Anatomically Accurate Arterial Tree in Endovascular Interventions. , 2012, , 107-118.		0
71	Multiscale Modeling of Intracranial Aneurysms: Cell Signaling, Hemodynamics, and Remodeling. IEEE Transactions on Biomedical Engineering, 2011, 58, 2974-2977.	4.2	12
72	Blood Flow Simulation in a Giant Intracranial Aneurysm and Its Validation by Digital Subtraction Angiography. , 2011, , 15-26.		5

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73	Hemodynamic Simulation for an Anatomically Realistic Portal System. Lecture Notes in Computer Science, 2011, 14, 347-354.	1.3	5
74	A Numerical Approach to Patient-Specific Cerebral Vasospasm Research. , 2011, 110, 157-160.		5
75	Computer simulation of vertebral artery occlusion in endovascular procedures. International Journal of Computer Assisted Radiology and Surgery, 2010, 5, 29-37.	2.8	8
76	Towards a Multiscale Integrative Model of WSS-Induced Signaling Pathways in Cerebral Aneurysms. IFMBE Proceedings, 2010, , 1159-1162.	0.3	2
77	Patient-Specific Hemodynamic Analysis for Proximal Protection in Carotid Angioplasty. , 2010, , 43-52.		1
78	Computational modeling of cerebral aneurysm formation â€” framework for modeling the interaction between fluid dynamics, signal transduction pathways and arterial wall mechanics. IFMBE Proceedings, 2009, , 1894-1898.	0.3	1
79	A Hybrid 1D and 3D Approach to Hemodynamics Modelling for a Patient-Specific Cerebral Vasculature and Aneurysm. Lecture Notes in Computer Science, 2009, 12, 323-330.	1.3	9
80	Texture Driven Pose Estimation. , 0, , .		1