



**Универзитетска библиотека у Крагујевцу**

**Израда библиографије цитираних радова**

**Доц. др Данко Милашиновић, Факултет за хотелијерство и туризам**

**за период: 2008 – јун 2021**

**из база података:**

**Science Citation Index - Web of Science - укупно хетероцитата (без самоцитата): 53**

**SCOPUS - укупно хетероцитата (без самоцитата): 48**

**N.Filipovic, D.Milasinovic, N.Zdravkovic, D.Böckler, H.vonTengg-Kobligk: Impact of aortic repair based on flow field computer simulation within the thoracic aorta; Computer Methods and Programs in Biomedicine, 101(3): 243-252, DOI:10.1016/j.cmpb.2011.01.005, ISSN 0169-2607, 2011.**

Record 1 of 14

Title: Computational Fluid Dynamics Modeling of Hemodynamic Parameters in the Human Diseased Aorta: A Systematic Review

Author(s): Ong, CW (Ong, Chi Wei); Wee, I (Wee, Ian); Syn, N (Syn, Nicholas); Ng, S (Ng, Sheryl); Leo, HL (Leo, Hwa Liang); Richards, AM (Richards, Arthur Mark); Choong, AMTL (Choong, Andrew M. T. L.)

Source: ANNALS OF VASCULAR SURGERY Volume: 63 Pages: 336-381 DOI: 10.1016/j.avsg.2019.04.032 Published: FEB 2020

ISSN: 0890-5096

eISSN: 1615-5947

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Record 2 of 14

Title: Computational tools for thoracic endovascular aortic repair planning

Author(s): Auricchio, F (Auricchio, Ferdinando); Conti, M (Conti, Michele); Romarowski, RM (Romarowski, Rodrigo M.); De Beaufort, HW (De Beaufort, Hector W.); Grassi, V (Grassi, Viviana); Trimarchi, S (Trimarchi, Santi)

Source: ITALIAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY Volume: 26 Issue: 1 Pages: 51-58 DOI: 10.23736/S1824-4777.18.01386-4 Published: MAR 2019

ISSN: 1824-4777 eISSN: 1827-1847

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Record 3 of 14

Title: A novel computational framework to predict patient-specific hemodynamics after TEVAR: Integration of structural and fluid-dynamics analysis by image elaboration

Author(s): Romarowski, RM (Romarowski, R. M.); Faggiano, E (Faggiano, E.); Conti, M (Conti, M.); Reali, A (Reali, A.); Morganti, S (Morganti, S.); Auricchio, F (Auricchio, F.)

Source: COMPUTERS & FLUIDS Volume: 179 Pages: 808-821 DOI: 10.1016/j.compfluid.2018.06.002 Published: JAN 30 2019

Conference Title: 19th International Conference on Finite Elements in Flow Problems (FEF)

Conference Date: APR 05-07, 2017

Conference Location: Rome, ITALY

ISSN: 0045-7930 eISSN: 1879-0747

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Record 4 of 14

Title: A mosaic structure multi-level vascular network design for skull tissue engineering

Author(s): Qi, J (Qi, Jian); Li, J (Li, Jia); Zheng, SX (Zheng, Shuxian)

Source: COMPUTERS IN BIOLOGY AND MEDICINE Volume: 104 Pages: 70-80 DOI: 10.1016/j.combiomed.2018.10.032 Published: JAN 2019

ISSN: 0010-4825

eISSN: 1879-0534

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Record 5 of 14

Title: Computational modeling of shear forces and experimental validation of endothelial cell responses in an orbital well shaker system

Author(s): Filipovic, N (Filipovic, Nenad); Ghimire, K (Ghimire, Kedar); Saveljic, I (Saveljic, Igor); Milosevic, Z (Milosevic, Zarko); Ruegg, C (Ruegg, Curzio)

Source: COMPUTER METHODS IN BIOMECHANICS AND BIOMEDICAL ENGINEERING Volume: 19 Issue: 6 Pages: 581-590 DOI: 10.1080/10255842.2015.1051973 Published: APR 25 2016

ISSN: 1025-5842  
eISSN: 1476-8259

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Record 6 of 14

Title: Distribution of Dynamic Forces on Patient Specific Vascular Model: Application of computational Hemodynamics

Author(s): Kiziltan, E (Kiziltan, Erhan)

Source: GAZI MEDICAL JOURNAL Volume: 26 Issue: 4 Pages: 163-169 DOI: 10.12996/gmj.2015.49 Published: 2015

ISSN: 2147-2092

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Record 7 of 14

Title: Numerical simulation of patient-specific left ventricular model with both mitral and aortic valves by FSI approach

Author(s): Su, BY (Su, Boyang); Zhong, L (Zhong, Liang); Wang, XK (Wang, Xi-Kun); Zhang, JM (Zhang, Jun-Mei); Tan, RS (Tan, Ru San); Allen, JC (Allen, John Carson); Tan, SK (Tan, Soon Keat); Kim, S (Kim, Sangho); Leo, HL (Leo, Hwa Liang)

Source: COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE Volume: 113 Issue: 2 Pages: 474-482 DOI: 10.1016/j.cmpb.2013.11.009 Published: FEB 2014

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Record 8 of 14

Title: Impact of Endografting on the Thoracic Aortic Anatomy: Comparative Analysis of the Aortic Geometry before and after the Endograft Implantation

Author(s): Midulla, M (Midulla, Marco); Moreno, R (Moreno, Ramiro); Negre-Salvayre, A (Negre-Salvayre, Anne); Nicoud, F (Nicoud, Franc); Pruvo, JP (Pruvo, Jean Pierre); Haulon, S (Haulon, Stephan); Rousseau, H (Rousseau, Herve)

Source: RADIOLOGICAL AND INTERVENTIONAL RADIOLOGY Volume: 37 Issue: 1 Pages: 69-76 DOI: 10.1007/s00270-013-0601-7 Published: FEB 2014

ISSN: 0174-1551

eISSN: 1432-086X

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Record 9 of 14

Title: Mapping cyclic stretch in the postpneumonectomy murine lung

Author(s): Filipovic, N (Filipovic, Nenad); Gibney, BC (Gibney, Barry C.); Kojic, M (Kojic, Milos); Nikolic, D (Nikolic, Dalibor); Isailovic, V (Isailovic, Velibor); Ysasi, A (Ysasi, Alexandra); Konerding, MA (Konerding, Moritz A.); Mentzer, SJ (Mentzer, Steven J.); Tsuda, A (Tsuda, Akira)

Source: JOURNAL OF APPLIED PHYSIOLOGY Volume: 115 Issue: 9 Pages: 1370-1378 DOI: 10.1152/jappphysiol.00635.2013 Published: NOV 2013

ISSN: 8750-7587 eISSN: 1522-1601

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Record 10 of 14

Title: Computational Fluid Dynamics Investigation of Chronic Aortic Dissection Hemodynamics Versus Normal Aorta

Author(s): Karmonik, C (Karmonik, Christof); Muller-Eschner, M (Mueller-Eschner, Matthias); Partovi, S (Partovi, Sasan); Geisbusch, P (Geisbuesch, Philipp); Ganten, MK (Ganten, Maria-Katharina); Bismuth, J (Bismuth, Jean); Davies, MG (Davies, Mark G.); Bockler, D (Boeckler, Dittmar); Loebe, M (Loebe, Matthias); Lumsden, AB (Lumsden, Alan B.); von Tengg-Kobligk, H (von Tengg-Kobligk, Hendrik)

Source: VASCULAR AND ENDOVASCULAR SURGERY Volume: 47 Issue: 8 Pages: 625-631 DOI: 10.1177/1538574413503561 Published: NOV 2013

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Title: Blood flow vectoring control in aortic arch using full and partial clamps  
Author(s): Ghodsi, SR (Ghodsi, Seyed Roholah); Esfahanian, V (Esfahanian, Vahid); Shamsodini, R (Shamsodini, Rahim); Ghodsi, SM (Ghodsi, Seyed Mohammad); Ahmadi, G (Ahmadi, Goodarz)  
Source: COMPUTERS IN BIOLOGY AND MEDICINE Volume: 43 Issue: 9 Pages: 1134-1141 DOI: 10.1016/j.combiomed.2013.05.016 Published: SEP 1 2013  
ISSN: 0010-4825  
eISSN: 1879-0534

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Record 12 of 14

Title: Analysis of the effects of different pulsatile inlet profiles on the hemodynamical properties of blood flow in patient specific carotid artery with stenosis  
Author(s): Piskin, S (Piskin, Senol); Celebi, MS (Celebi, M. Serdar)  
Source: COMPUTERS IN BIOLOGY AND MEDICINE Volume: 43 Issue: 6 Pages: 717-728 DOI: 10.1016/j.combiomed.2013.02.014 Published: JUL 1 2013  
ISSN: 0010-4825

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Title: Modeling of Arterial Stiffness using Variations of Pulse Transit Time  
Author(s): Peulic, A (Peulic, Aleksandar); Milojevic, N (Milojevic, Natasa); Jovanov, E (Jovanov, Emil); Radovic, M (Radovic, Milos); Saveljic, I (Saveljic, Igor); Zdravkovic, N (Zdravkovic, Nebojsa); Filipovic, N (Filipovic, Nenad)  
Source: COMPUTER SCIENCE AND INFORMATION SYSTEMS Volume: 10 Issue: 1 Pages: 547-565 DOI: 10.2298/CSIS120531015P Published: JAN 2013  
ISSN: 1820-0214

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Title: Longitudinal computational fluid dynamics study of aneurysmal dilatation in a chronic DeBakey type III aortic dissection  
Author(s): Karmonik, C (Karmonik, Christof); Partovi, S (Partovi, Sasan); Muller-Eschner, M (Mueller-Eschner, Matthias); Bismuth, J (Bismuth, Jean); Davies, MG (Davies, Mark G.); Shah, DJ (Shah, Dipan J.); Loebe, M (Loebe, Matthias); Bockler, D (Boeckler, Dittmar); Lumsden, AB (Lumsden, Alan B.); von Tengg-Kobligk, H (von Tengg-Kobligk, Hendrik)  
Source: JOURNAL OF VASCULAR SURGERY Volume: 56 Issue: 1 Pages: 260-+ DOI: 10.1016/j.jvs.2012.02.064 Published: JUL 2012  
ISSN: 0741-5214

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**A.Cvetkovic, D.Milasinovic, A.Peulic, N.Mijailovic, N.Filipovic, N.Zdravkovic: Numerical and experimental analysis of factors leading to suture dehiscence after Billroth II gastric resection; Computer Methods and Programs in Biomedicine, 117(2):71-9, DOI: 10.1016/j.cmpb.2014.08.005, Epub 2014**

Record 1 of 1

Title: Radiation Induced Duodenal Stump Blowout!  
Author(s): Elagandula, J (Elagandula, Jyosthna); Harish, K (Harish, K.)  
Source: INDIAN JOURNAL OF SURGICAL ONCOLOGY Volume: 7 Issue: 1 Pages: 130-132 DOI: 10.1007/s13193-016-0488-2 Published: MAR 2016  
ISSN: 0975-7651

**N.Filipovic, D.Milasinovic, N.Jagic, V.Miloradovic, H.Hetterich, J.Rieber: Numerical simulation of the flow field and mass transport pattern within the coronary artery; Computer Methods in Biomechanics and Biomedical Engineering, 14(4): 379-388, DOI: 10.1080/10255842.2010.482526, ISSN 1025-5842, 2011.**

Record 1 of 3

Title: Boundary layer considerations in a multi-layer model for LDL accumulation

Author(s): Iasiello, M (Iasiello, Marcello); Vafai, K (Vafai, Kambiz); Andreozzi, A (Andreozzi, Assunta); Bianco, N (Bianco, Nicola)

Source: COMPUTER METHODS IN BIOMECHANICS AND BIOMEDICAL ENGINEERING Volume: 21 Issue: 15 Pages: 803-

811 DOI: 10.1080/10255842.2018.1521963 Published: NOV 18 2018

ISSN: 1025-5842

eISSN: 1476-8259

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Record 2 of 3

Title: Computational Vascular Surgery Planning and Predicting for Abdominal Aortic Aneurysm

Author(s): Filipovic, N (Filipovic, Nenad); Koncar, I (Koncar, Igor); Milosevic, Z (Milosevic, Zarko); Davidovic, L (Davidovic, Lazar)

Source: PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON MEDICAL AND BIOLOGICAL ENGINEERING 2017 (CMBEBIH 2017) Book Series: IFMBE

Proceedings Volume: 62 Pages: 241-245 DOI: 10.1007/978-981-10-4166-2\_36 Published: 2017

Conference Title: International Conference on Medical and Biological Engineering in Bosnia and Herzegovina (CMBEBIH)

Conference Date: MAR 16-18, 2017

Conference Location: Sarajevo, BOSNIA & HERCEG

ISSN: 1680-0737

ISBN: 978-981-10-4166-2; 978-981-10-4165-5

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Record 3 of 3

Title: Biomechanical rationale of coronary artery bypass grafting of multivessel disease

Author(s): Grishina, OA (Grishina, Olga A.); Kirillova, IV (Kirillova, Irina V.); Glukhova, OE (Glukhova, Olga E.)

Source: COMPUTER METHODS IN BIOMECHANICS AND BIOMEDICAL ENGINEERING Volume: 19 Issue: 3 Pages: 297-

305 DOI: 10.1080/10255842.2015.1016005 Published: FEB 17 2016

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**A.Tsuda, F.S.Henry, S.Haber, D.Haberthür, N.Filipovic, D.Milasinovic, J.Schittny: The simultaneous role of an alveolus as flow mixer and flow feeder for the deposition of inhaled submicron particles; Journal of biomechanical engineering-transactions of the ASME, DOI: 10.1115/1.4007949, 2012**

Record 1 of 17

Title: Reply to the 'Comment on "Microflow in a rhythmically expanding alveolar chip with dynamic similarity"' by A. Tsuda and F. S. Henry, Lab Chip, 2021, 21, DOI: 10.1039/D0LC00884B

Author(s): Lv, HM (Lv, Huimin); Dong, J (Dong, Jun); Yang, Y (Yang, Yue); Zhu, YG (Zhu, Yonggang)

Source: LAB ON A CHIP Volume: 21 Issue: 8 Pages: 1431-1432 DOI: 10.1039/d0lc01271h Published: APR 21 2021  
ISSN: 1473-0197  
eISSN: 1473-0189

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Record 2 of 17

Title: Comment on "Microflow in a rhythmically expanding alveolar chip with dynamic similarity" by H. Lv, J. Dong, Y. Qiu, Y. Yang and Y. Zhu, Lab Chip, 2020, 20, 2394  
Author(s): Tsuda, A (Tsuda, Akira); Henry, FS (Henry, Frank S.)  
Source: LAB ON A CHIP Volume: 21 Issue: 8 Pages: 1429-1430 DOI: 10.1039/d0lc00884b Early Access Date: APR 2021 Published: APR 21 2021  
ISSN: 1473-0197  
eISSN: 1473-0189

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Record 3 of 17

Title: Microflow in a rhythmically expanding alveolar chip with dynamic similarity  
Author(s): Lv, HM (Lv, Huimin); Dong, J (Dong, Jun); Qiu, Y (Qiu, Yan); Yang, Y (Yang, Yue); Zhu, YG (Zhu, Yonggang)  
Source: LAB ON A CHIP Volume: 20 Issue: 13 Pages: 2394-2402 DOI: 10.1039/c9lc01273g Published: JUL 7 2020  
ISSN: 1473-0197  
eISSN: 1473-0189

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Record 4 of 17

Title: The effect of alveolar mixing on particle retention and deposition investigated by a dynamic single-path model  
Author(s): Filippitzis, F (Filippitzis, Filippos); Gourgoulianis, K (Gourgoulianis, Konstantinos); Daniil, Z (Daniil, Zoi); Bontozoglou, V (Bontozoglou, Vasileios)  
Source: AEROSOL SCIENCE AND TECHNOLOGY Volume: 54 Issue: 9 Pages: 1102-1115 DOI: 10.1080/02786826.2020.1759775 Early Access Date: MAY 2020 Published: SEP 1 2020  
ISSN: 0278-6826  
eISSN: 1521-7388

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Record 5 of 17

Title: How high resolution 3-dimensional imaging changes our understanding of postnatal lung development  
Author(s): Schittny, JC (Schittny, Johannes C.)  
Source: HISTOCHEMISTRY AND CELL BIOLOGY Volume: 150 Issue: 6 Pages: 677-691 DOI: 10.1007/s00418-018-1749-7 Published: DEC 2018  
ISSN: 0948-6143  
eISSN: 1432-119X

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Record 6 of 17

Title: Image-based computational fluid dynamics in the lung: virtual reality or new clinical practice?  
Author(s): Burrowes, KS (Burrowes, Kelly S.); De Backer, J (De Backer, Jan); Kumar, H (Kumar, Haribalan)  
Source: WILEY INTERDISCIPLINARY REVIEWS-SYSTEMS BIOLOGY AND MEDICINE Volume: 9 Issue: 6 Article Number: e1392 DOI: 10.1002/wsbm.1392 Published: NOV-DEC 2017  
ISSN: 1939-5094 eISSN: 1939-005X

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Title: Submicron particle deposition in pulmonary alveoli during cyclic breathing

Author(s): Monjezi, M (Monjezi, M.); Saidi, MS (Saidi, M. S.); Ahmadi, G (Ahmadi, G.)  
Source: SCIENTIA IRANICA Volume: 24 Issue: 4 Pages: 1975-1984 DOI: 10.24200/sci.2017.4292 Published: AUG 2017  
ISSN: 1026-3098

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Record 8 of 17

Title: Development of the lung

Author(s): Schittny, JC (Schittny, Johannes C.)

Source: CELL AND TISSUE RESEARCH Volume: 367 Issue: 3 Pages: 427-444 DOI: 10.1007/s00441-016-2545-0 Published: MAR 2017

ISSN: 0302-766X

eISSN: 1432-0878

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Record 9 of 17

Title: Computational Models of Inhalation Therapy in Early Childhood: Therapeutic Aerosols in the Developing Acinus

Author(s): Katan, JT (Katan, Janna Tenenbaum); Hofemeier, P (Hofemeier, Philipp); Sznitman, J (Sznitman, Josue)

Source: JOURNAL OF AEROSOL MEDICINE AND PULMONARY DRUG DELIVERY Volume: 29 Issue: 3 Pages: 288-298 DOI: 10.1089/jamp.2015.1271 Published: JUN 2016

ISSN: 1941-2711

eISSN: 1941-2703

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Record 10 of 17

Title: A Microfluidic Model of Biomimetically Breathing Pulmonary Acinar Airways

Author(s): Fishler, R (Fishler, Rami); Sznitman, J (Sznitman, Josue)

Source: JOVE-JOURNAL OF VISUALIZED EXPERIMENTS Issue: 111 Article Number: e53588 DOI: 10.3791/53588 Published: MAY 2016

ISSN: 1940-087X

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Record 11 of 17

Title: Prediction of particle deposition in the lungs based on simple modeling of alveolar mixing

Author(s): Georgakakou, S (Georgakakou, S.); Gourgoulianis, K (Gourgoulianis, K.); Daniil, Z (Daniil, Z.); Bontozoglou, V (Bontozoglou, V.)

Source: RESPIRATORY PHYSIOLOGY & NEUROBIOLOGY Volume: 225 Pages: 8-18 DOI: 10.1016/j.resp.2015.12.009 Published: MAY 2016

ISSN: 1569-9048 eISSN: 1878-1519

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Record 12 of 17

Title: Onset of alveolar recirculation in the developing lungs and its consequence on nanoparticle deposition in the pulmonary acinus

Author(s): Henry, FS (Henry, Frank S.); Tsuda, A (Tsuda, Akira)

Source: JOURNAL OF APPLIED PHYSIOLOGY Volume: 120 Issue: 1 Pages: 38-54 DOI: 10.1152/jappphysiol.01161.2014 Published: JAN 1 2016

ISSN: 8750-7587

eISSN: 1522-1601

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Title: A time splitting fictitious domain algorithm for fluid-structure interaction problems (A fictitious domain algorithm for FSI)

Author(s): Roshchenko, A (Roshchenko, Andriy); Minev, PD (Minev, Peter D.); Finlay, WH (Finlay, Warren H.)

Source: JOURNAL OF FLUIDS AND STRUCTURES Volume: 58 Pages: 109-126 DOI: 10.1016/j.jfluidstructs.2015.07.006 Published: OCT 2015  
ISSN: 0889-9746

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Title: Revisiting pulmonary acinar particle transport: convection, sedimentation, diffusion, and their interplay

Author(s): Hofemeier, P (Hofemeier, Philipp); Sznitman, J (Sznitman, Josue)

Source: JOURNAL OF APPLIED PHYSIOLOGY Volume: 118 Issue: 11 Pages: 1375-1385 DOI: 10.1152/jappphysiol.01117.2014 Published: JUN 1 2015

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eISSN: 1522-1601

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Title: Rat lungs show a biphasic formation of new alveoli during postnatal development

Author(s): Tschanz, SA (Tschanz, Stefan A.); Salm, LA (Salm, Lilian A.); Roth-Kleiner, M (Roth-Kleiner, Matthias); Barre, SF (Barre, Sebastien F.); Burri, PH (Burri, Peter H.); Schittny, JC (Schittny, Johannes C.)

Source: JOURNAL OF APPLIED PHYSIOLOGY Volume: 117 Issue: 1 Pages: 89-95 DOI: 10.1152/jappphysiol.01355.2013 Published: JUL 2014

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Title: Role of Alveolar Topology on Acinar Flows and Convective Mixing

Author(s): Hofemeier, P (Hofemeier, Philipp); Sznitman, J (Sznitman, Josue)

Source: JOURNAL OF BIOMECHANICAL ENGINEERING-TRANSACTIONS OF THE ASME Volume: 136 Issue: 6 Article Number: 061007 DOI: 10.1115/1.4027328 Published: JUN 2014

ISSN: 0148-0731

eISSN: 1528-8951

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Record 17 of 17

Title: Acinus-on-a-chip: A microfluidic platform for pulmonary acinar flows

Author(s): Fishler, R (Fishler, Rami); Mulligan, MK (Mulligan, Molly K.); Sznitman, J (Sznitman, Josue)

Source: JOURNAL OF BIOMECHANICS Volume: 46 Issue: 16 Pages: 2817-2823 DOI: 10.1016/j.jbiomech.2013.08.020 Published: NOV 15 2013

ISSN: 0021-9290

eISSN: 1873-2380

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**D.Krsmanovic, I.Koncar, D.Petrovic, D.Milasinovic, L.Davidovic, N.Filipovic: Computer modelling of maximal displacement forces in endoluminal thoracic aortic stent graft; Computer Methods in Biomechanics and Biomedical Engineering, doi: 10.1080/10255842.2012.735661, eprint: <http://www.tandfonline.com/doi/pdf/10.1080/10255842.2012.735661>, 2012**

Record 1 of 2

Title: Computational Fluid Dynamics Modeling of Hemodynamic Parameters in the Human Diseased Aorta: A Systematic Review

Author(s): Ong, CW (Ong, Chi Wei); Wee, I (Wee, Ian); Syn, N (Syn, Nicholas); Ng, S (Ng, Sheryl); Leo, HL (Leo, Hwa Liang); Richards, AM (Richards, Arthur Mark); Choong, AMTL (Choong, Andrew M. T. L.)

Source: ANNALS OF VASCULAR SURGERY Volume: 63 Pages: 336-381 DOI: 10.1016/j.avsg.2019.04.032 Published: FEB 2020

ISSN: 0890-5096



Record 2 of 2

Title: Is valve choice a significant determinant of paravalvular leak post-transcatheter aortic valve implantation? A systematic review and meta-analysis

Author(s): O'Sullivan, KE (O'Sullivan, Katie E.); Gough, A (Gough, Aideen); Segurado, R (Segurado, Ricardo); Barry, M (Barry, Mitchel); Sugrue, D (Sugrue, Declan); Hurley, J (Hurley, John)

Source: EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY Volume: 45 Issue: 5 Pages: 826-833 DOI: 10.1093/ejcts/ezt515 Published: MAY 2014

ISSN: 1010-7940

eISSN: 1873-734X

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**D.Milašinović, M.Ivanović, N.Filipović, M.Kojić: Software tools for automatic generation of finite element mesh and application of biomechanical calculation in medicine; Chemical Industry (ser: Hemijska industrija), 62(3):177-180, DOI:10.2298/HEMIND0803177M, ISSN: 0367-598X, 2008**

Record 1 of 2

Title: Sprouting and intussusceptive angiogenesis in postpneumonectomy lung growth: mechanisms of alveolar neovascularization

Author(s): Ackermann, M (Ackermann, Maximilian); Houdek, JP (Houdek, Jan P.); Gibney, BC (Gibney, Barry C.); Ysasi, A (Ysasi, Alexandra); Wagner, W (Wagner, Willi); Belle, J (Belle, Janeil); Schittny, JC (Schittny, Johannes C.); Enzmann, F (Enzmann, Frieder); Tsuda, A (Tsuda, Akira); Mentzer, SJ (Mentzer, Steven J.); Konerding, MA (Konerding, Moritz A.)

Source: ANGIOGENESIS Volume: 17 Issue: 3 Pages: 541-551 DOI: 10.1007/s10456-013-9399-9 Published: JUL 2014

ISSN: 0969-6970

eISSN: 1573-7209

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Record 2 of 2

Title: Computational analysis of lung deformation after murine pneumonectomy

Author(s): Filipovic, N (Filipovic, Nenad); Gibney, BC (Gibney, Barry C.); Nikolic, D (Nikolic, Dalibor); Konerding, MA (Konerding, Moritz A.); Mentzer, SJ (Mentzer, Steven J.); Tsuda, A (Tsuda, Akira)

Source: COMPUTER METHODS IN BIOMECHANICS AND BIOMEDICAL ENGINEERING Volume: 17 Issue: 8 Pages: 838-844 DOI: 10.1080/10255842.2012.719606 Published: JUN 11 2014

ISSN: 1025-5842

eISSN: 1476-8259

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**N.Filipovic, D.Haberthür, F.Henry, D.Milasinovic, D.Nikolic, J.Schittny, A.Tsuda: Recirculation identified in a 3D alveolar duct reconstructed using synchrotron radiation based X-ray tomographic microscopy; Am. J. Respir. Crit. Care Med., 181 (1-MeetingAbstracts): A2192–, 2010**

Record 1 of 2

Title: Image segmentation of the pulmonary acinus imaged by synchrotron X-ray tomography

Author(s): Arsic, B (Arsic, Branko); Obrenovic, M (Obrenovic, Mihailo); Anic, M (Anic, Milos); Tsuda, A (Tsuda, Akira); Filipovic, N (Filipovic, Nenad)

Source: 2019 IEEE 19TH INTERNATIONAL CONFERENCE ON BIOINFORMATICS AND BIOENGINEERING (BIBE) Book Series: IEEE International Conference on Bioinformatics and Bioengineering Pages: 525-531 DOI: 10.1109/BIBE.2019.00101 Published: 2019

Conference Title: 19th Annual IEEE International Conference on Bioinformatics and Bioengineering (BIBE)

Conference Date: OCT 28-30, 2019

Conference Location: Athens, GREECE

ISSN: 2471-7819

ISBN: 978-1-7281-4617-1

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Record 2 of 2

Title: Particle Transport and Deposition: Basic Physics of Particle Kinetics

Author(s): Tsuda, A (Tsuda, Akira); Henry, FS (Henry, Frank S.); Butler, JP (Butler, James P.)

Source: COMPREHENSIVE PHYSIOLOGY Volume: 3 Issue: 4 Pages: 1437-

1471 DOI: 10.1002/cphy.c100085 Published: OCT 2013

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**Z.Milosević, B.Stojanović, V.Isailović, D.Nikolić, D.Milašinović, M.Radović, T.Exarchos, K.Stefanou, P.Siogkas, A.Sakelarios, D.Fotiadis, O.Parodi, N.Zdravković, M.Kojić, N.Filipović: Artool: A platform for the development of multi-level patient-specific artery and atherogenesis models; 3rd International Congress of Serbian Society of Mechanics (IConSSM 2011), pp. M1-04: 1073-1081, Vlasina lake, Serbia, 2011, ISBN 978-86-909973-2-9**

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Title: Virtual reality aided visualization of fluid flow simulations with application in medical education and diagnostics

Author(s): Djukic, T (Djukic, Tijana); Mandic, V (Mandic, Vesna); Filipovic, N (Filipovic, Nenad)

Source: COMPUTERS IN BIOLOGY AND MEDICINE Volume: 43 Issue: 12 Pages: 2046-

2052 DOI: 10.1016/j.compbiomed.2013.10.004 Published: DEC 1 2013

ISSN: 0010-4825

eISSN: 1879-0534

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**N.Vasovic, D.Milasinovic: Modern Information and Communication Technologies in Higher Education; VII International Scientific Conference Science and Higher Education in Function of Sustainable Development - SED 2014; p2.57 – p2.61; Uzice; October 2014, ISBN 978-86-83573-43-1.**

Record 1 of 1

Title: Estrategias Pedagógicas en Procesos de Enseñanza y Aprendizaje en la Educación Superior incluyendo Tecnologías de la Información y las Comunicaciones

Title: Pedagogical Strategies in Teaching and Learning Processes in Higher Education including Information and Communication Technologies

Author(s): Sánchez-Otero, Madelin; García-Guiliany, Jesús; Steffens-Sanabria, Ernesto; Palma, Hugo Hernández-

Source: Información tecnológica Volume: 30 Issue: 3 Pages: 277-286 Published: 06 2019

ISSN: 0718-0764

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**V.Kraguljac, D.Milašinović: Information and communication technologies in hotel management and tourism education; The Second International Scientific Conference "Tourism in function of development of the Republic of Serbia"; Univerzitet u Kragujevcu, Fakultet za hotelijerstvo i turizam u Vrnjačkoj Banji; 430-447; Vrnjacka Banja; 01-03 June 2017, ISBN 978-86-89949-21-6, ISBN 978-86-89949-22-3**

Record 1 of 1

Title: Security Challenges Behind the Development and Increased Use of Open Source Web Content Management Systems

Author(s): Viduka, D (Viduka, Dejan); Kraguljac, V (Kraguljac, Vladimir); Lavrnica, I (Lavrnica, Igor)

Source: JOURNAL OF INFORMATION AND ORGANIZATIONAL

SCIENCES Volume: 44 Issue: 1 Pages: 185-198 DOI: 10.31341/jios.44.1.9 Published: 2020

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**V.Kraguljac, D.Milašinović: Information and Communication Technologies education for future professionals in Hotel Management and Tourism Business; 10th International Scientific Conference “Science and Higher Education in Function of Sustainable Development – SED 2017”; pp. 32 - 38, Mokra Gora - Drvengrad, Srbija, 6 Oct - 7 Oct, 2017, ISBN 978-86-83573-84-4.**

Record 1 of 1

Title: Security Challenges Behind the Development and Increased Use of Open Source Web Content Management Systems

Author(s): Viduka, D (Viduka, Dejan); Kraguljac, V (Kraguljac, Vladimir); Lavrnica, I (Lavrnica, Igor)

Source: JOURNAL OF INFORMATION AND ORGANIZATIONAL

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**D.Milašinović, M.Ivanovic, H.vonTengg-Kobligk, D.Böckler, N.Filipović: Software Tools for Generating CFD Simulation Models of Blood Flow from CT Images, and for Postprocessing; Journal of the Serbian Society for Computational Mechanics, Vol. 2 No. 2, 51-58, UDC: 004.4:616.2., ISSN 1820-6530, COBISS.SR-ID 145567756, 2008**

Record 1 of 4

Title: Computational Simulation of Carotid Artery: From Patient-Specific Images to Finite Element Analysis

Author(s): Djorovic, S (Djorovic, S.); Saveljic, I (Saveljic, I); Filipovic, N (Filipovic, N.)

Source: JOURNAL OF THE SERBIAN SOCIETY FOR COMPUTATIONAL

MECHANICS Volume: 13 Issue: 1 Pages: 120-

129 DOI: 10.24874/jsscm.2019.13.01.08 Published: 2019

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Title: Modeling of liver metastatic disease with applied drug therapy

Author(s): Filipovic, N (Filipovic, Nenad); Djukic, T (Djukic, Tijana); Saveljic, I (Saveljic, Igor);

Milenkovic, P (Milenkovic, Petar); Jovicic, G (Jovicic, Gordana); Djuric, M (Djuric, Marija)

Source: COMPUTER METHODS AND PROGRAMS IN

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Title: Virtual reality aided visualization of fluid flow simulations with application in medical education and diagnostics

Author(s): Djukic, T (Djukic, Tijana); Mandic, V (Mandic, Vesna); Filipovic, N (Filipovic, Nenad)  
Source: COMPUTERS IN BIOLOGY AND MEDICINE Volume: 43 Issue: 12 Pages: 2046-2052 DOI: 10.1016/j.combiomed.2013.10.004 Published: DEC 1 2013  
ISSN: 0010-4825  
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Title: Three-dimensional modeling and highly refined mesh generation of the aorta artery and its tunics

Author(s): Cazotto, JA (Cazotto, J. A.); Neves, LA (Neves, L. A.); Machado, JM (Machado, J. M.); Momente, JC (Momente, J. C.); Shiyou, Y (Shiyou, Y.); Godoy, MF (Godoy, M. F.); Zafalon, GFD (Zafalon, G. F. D.); Pinto, AR (Pinto, A. R.); Valencio, CR (Valencio, C. R.)

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ISSN: 1742-6588

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**N.Filipovic, M.Rosic, V.Isailovic, Z.Milosevic, D.Nikolic, D.Milasinovic, M.Radovic, B.Stojanovic, M.Ivanovic, I.Tanaskovic, I.Saveljic, M.Milosevic, D.Petrovic, M.Obradovic, E.Themis, A.Sakellarios, P.Siogkas, P.Marraccini, F.Vozzi, N.Meunier, Z.Teng, D.Fotiadis, O.Parodi, M.Kojic: ARTREAT project: computer, experimental and clinical analysis of three-dimensional plaque formation and progression in arteries; Journal of the Serbian Society for Computational Mechanics, Vol. 5 No. 2, 129-146, UDC: 616.13-004:004.925.84., ISSN 1820-6530, COBISS.SR-ID 145567756, 2011**

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Title: NUMERICAL MODELING OF ATHEROSCLEROSIS LESION EVOLUTION IN TIME I. INITIAL STAGE OF THE DISEASE

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Title: A review of models in bioengineering developed by the group led by Milos Kojic in the period 2006-2016

Author(s): Kojic, M (Kojic, M.)

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Author(s): Weddell, JC (Weddell, Jared C.); Kwack, J (Kwack, JaeHyuk); Imoukhuede, PI (Imoukhuede, P. I.); Masud, A (Masud, Arif)

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Title: Kinetic modeling of low density lipoprotein oxidation in arterial wall and its application in atherosclerotic lesions prediction

Author(s): Karimi, S (Karimi, Safoora); Dadvar, M (Dadvar, Mitra); Modarress, H (Modarress, Hamid); Dabir, B (Dabir, Bahram)

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