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Conference Location

Automation control algorithms in gas mixture for preterm infant oxygen therapy

Pornchai Chanyagorn | Phattaradanai Kiratiwudhikul
2015 IEEE International Conference on Consumer Electronics - Taiwan
Year: 2015

☐ Automation control algorithms in gas mixture for preterm infant oxygen therapy

Pornchai Chanyagorn; Phattaradanai Kiratiwudhikul
2015 IEEE International Conference on Consumer Electronics - Taiwan
Year: 2015
Pages: 236 - 237
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IEEE Conferences

Abstract

(590 Kb)

Haemodynamic modeling of the cardiovascular system using mock circulation loops to test cardiovascular devices

Daniel L Timms | Shaun D Gregory | Michael C Stevens | John F Fraser
2011 Annual International Conference of the IEEE Engineering in Medicine and Biology Society
Year: 2011

☐ Haemodynamic modeling of the cardiovascular system using mock circulation loops to test cardiovascular devices

Daniel L Timms; Shaun D Gregory; Michael C Stevens; John F Fraser
2011 Annual International Conference of the IEEE Engineering in Medicine and Biology Society
Year: 2011
Pages: 4301 - 4304

IEEE Conferences

Abstract

(684 Kb)

An inner-ear drug delivery platform with fully integrated control, actuation, and fluidics hardware

Vishal Tandon | Woo Seok Kang | Michael J. McKenna | Sharon G. Kujawa | William F. Sewell | Ernest Kim | Abigail J. Spencer | Erin E. L. Pararas | Mark J. Mescher | Jason Fiering | Jeffrey T. Borenstein
2014 40th Annual Northeast Bioengineering Conference (NEBEC)
Year: 2014

☐ An inner-ear drug delivery platform with fully integrated control, actuation, and fluidics hardware

Vishal Tandon; Woo Seok Kang; Michael J. McKenna; Sharon G. Kujawa; William F. Sewell; Ernest Kim; Abigail J. Spencer; Erin E. L. Pararas; Mark J. Mescher; Jason Fiering; Jeffrey T. Borenstein
2014 40th Annual Northeast Bioengineering Conference (NEBEC)

Year: 2014

Pages: 1 - 2

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Abstract

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Electrostatic actuation of a silicon membrane to control the injected fluid volume by a micro pump

N. Benmoussa | A. Guen | B. Bouazza | R. Otmani

2014 North African Workshop on Dielectric Materials for Photovoltaic Systems (NAWDMPV)

Year: 2014

☐ **Electrostatic actuation of a silicon membrane to control the injected fluid volume by a micro pump**

N. Benmoussa; A. Guen; B. Bouazza; R. Otmani

2014 North African Workshop on Dielectric Materials for Photovoltaic Systems (NAWDMPV)

Year: 2014

Pages: 1 - 4

IEEE Conferences

Abstract

(259 Kb)

In-vitro evaluation of physiological controller response of rotary blood pumps to changes in patient state

Jo P Pauls | Shaun D Gregory | Michael Stevens | Geoff Tansley

2014 36th Annual International Conference of the IEEE Engineering in Medicine and Biology Society

Year: 2014

☐ **In-vitro evaluation of physiological controller response of rotary blood pumps to changes in patient state**

Jo P Pauls; Shaun D Gregory; Michael Stevens; Geoff Tansley

2014 36th Annual International Conference of the IEEE Engineering in Medicine and Biology Society

Year: 2014

Pages: 294 - 297

IEEE Conferences

Abstract

(687 Kb)

An adapter for applying positive pressure ventilation using metallic tracheostomy cannula

E. Losso | T. D. Costa | B. L. Fernandes | P. Nohama

2016 Global Medical Engineering Physics Exchanges/Pan American Health Care Exchanges (GMEPE/PAHCE)

Year: 2016

☐ **An adapter for applying positive pressure ventilation using metallic tracheostomy cannula**

E. Losso; T. D. Costa; B. L. Fernandes; P. Nohama

2016 Global Medical Engineering Physics Exchanges/Pan American Health Care Exchanges (GMEPE/PAHCE)

Year: 2016

Pages: 1 - 5

IEEE Conferences

Abstract

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Design and realisation of drop-free trocar for ophthalmic applications

Paolo Guerrini | Giovanni Vozzi | Arti Ahluwalia | Daniele Mazzei | Michele Palla
| Stanislao Rizzo

2007 IEEE International Symposium on Industrial Electronics

Year: 2007

☐ **Design and realisation of drop-free trocar for ophthalmic applications**

Paolo Guerrini; Giovanni Vozzi; Arti Ahluwalia; Daniele Mazzei; Michele Palla;
Stanislao Rizzo

2007 IEEE International Symposium on Industrial Electronics

Year: 2007

Pages: 2810 - 2814

IEEE Conferences

Abstract

(1025 Kb)

Shape optimization of neck myoelectric signal control-type
speaking **valve**

Katsutoshi Oe | Kohei Sakurai

2014 International Symposium on Micro-NanoMechatronics and Human

Science (MHS)

Year: 2014

☐ **Shape optimization of neck myoelectric signal control-type speaking
valve**

Katsutoshi Oe; Kohei Sakurai

2014 International Symposium on Micro-NanoMechatronics and Human
Science (MHS)

Year: 2014

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A simplified state-space model of biventricular assist device-
cardiovascular system interaction

Vivian C. A. Koh | Einly Lim | Boon Chiang Ng | Yong Kuen Ho | Nigel H. Lovell

2016 38th Annual International Conference of the IEEE Engineering in

Medicine and Biology Society (EMBC)

Year: 2016

☐ **A simplified state-space model of biventricular assist device-
cardiovascular system interaction**

Vivian C. A. Koh; Einly Lim; Boon Chiang Ng; Yong Kuen Ho; Nigel H. Lovell

2016 38th Annual International Conference of the IEEE Engineering in
Medicine and Biology Society (EMBC)

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Pages: 4317 - 4320

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Serially Actuated Locomotion for Soft Robots in Tube-Like
Environments

Mark D Gilbertson | Gillian McDonald | Gabriel Korinek | James D Van de Ven |

Timothy M Kowalewski

IEEE Robotics and Automation Letters

Year: 2017 | Volume: 2 | Issue: 2

☐ **Serially Actuated Locomotion for Soft Robots in Tube-Like Environments**

Mark D Gilbertson; Gillian McDonald; Gabriel Korinek; James D Van de Ven;

Timothy M Kowalewski

IEEE Robotics and Automation Letters

Year: 2017, Volume: 2, Issue: 2
Pages: 1140 - 1147
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