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☐ Conference Publications (7)

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Year

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2007

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2013

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2013

Author

Affiliation

Publication Title

Conference Location

☐ **A human health monitoring system of systems in bed**
Yutaka Hata; Hayato Yamaguchi; Syoji Kobashi; Kazuhiko Taniguchi; Hiroshi Nakajima
2008 IEEE International Conference on System of Systems Engineering
Year: 2008
Pages: 1 - 6
Cited by: Papers (6)
IEEE Conference Publications

Abstract(340 Kb)

☐ **Determination of Sit-to-Stand Transfer Duration Using Bed and Floor Pressure Sequences**
Amaya Arcelus*; Christophe L. Herry; Rafik A. Goubran; Frank Knoefel; Heidi Sveistrup; Martin Bilodeau
IEEE Transactions on Biomedical Engineering
Year: 2009, Volume: 56, Issue: 10
Pages: 2485 - 2492
Cited by: Papers (35)
IEEE Journals & Magazines

Abstract(883 Kb)

☐ **Human health monitoring system of systems with fuzzy logic by sensor network**
Yutaka Hata; Syoji Kobashi; Kazuhiko Taniguchi; Hiroshi Nakajima
2009 IEEE Workshop on Robotic Intelligence in Informationally Structured Space
Year: 2009
Pages: 1 - 6
Cited by: Papers (3)
IEEE Conference Publications

Abstract(727 Kb)

☐ **Towards an Intelligent Bed Sensor: Non-intrusive Monitoring of Sleep Irregularities with Computer Vision Techniques**
Kaveh Malakuti; Alexandra Branzan Albu
2010 20th International Conference on Pattern Recognition
Year: 2010
Pages: 4004 - 4007
Cited by: Papers (3)
IEEE Conference Publications

Abstract(644 Kb)

☐ **A new method to increase the quality of cardiopulmonary resuscitation in hospital**

Yeongtak Song; Jaehoon Oh; Taeho Lim; Youngjoon Chee
 2013 35th Annual International Conference of the IEEE Engineering in
 Medicine and Biology Society (EMBC)
 Year: 2013
 Pages: 469 - 472

IEEE Conference Publications

Abstract (2778 Kb)

☐ **Automated assessment of mobility in bedridden patients**

Stephanie Bennett; Rafik Goubran; Kenneth Rockwood; Frank Knoefel
 2013 35th Annual International Conference of the IEEE Engineering in
 Medicine and Biology Society (EMBC)
 Year: 2013
 Pages: 4271 - 4274

IEEE Conference Publications

Abstract (533 Kb)

☐ **Home care system for aging people confined to **bed** by detached sensor network**

Yutaka Hata; Syoji Kobashi; Kei Kuramoto; Hiroshi Nakajima
 2011 IEEE Workshop on Robotic Intelligence In Informationally Structured
 Space
 Year: 2011
 Pages: 1 - 6

IEEE Conference Publications

Abstract (448 Kb)

☐ **Unobtrusive Assessment of Motor Patterns During Sleep Based on **Mattress** Indentation Measurements**

Vincent Verhaert; Bart Haex; Tom De Wilde; Daniel Berckmans; Marie
 Vandekerckhove; Johan Verbraecken; Jos Vander Sloten
 IEEE Transactions on Information Technology in Biomedicine
 Year: 2011, Volume: 15, Issue: 5
 Pages: 787 - 794
 Cited by: Papers (10)

IEEE Journals & Magazines

Abstract (789 Kb)

☐ **Fuzzy Detection System of Behavior before Getting Out of **Bed** by Air Pressure and Ultrasonic Sensors**

Hayato Yamaguchi; Hiroshi Nakajima; Kazuhiko Taniguchi; Syoji Kobashi;
 Katsuya Kondo; Yutaka Hata
 2007 IEEE International Conference on Granular Computing (GRC 2007)
 Year: 2007
 Pages: 114 - 114
 Cited by: Papers (8)

IEEE Conference Publications

Abstract (488 Kb)

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