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- ☐ Nano-cavity coupled waveguide photonic crystal based biosensor detection of cervical cancer using nucleus and cytoplasm
Varsha Sharma ; Vijay Laxmi Kalyani
2017 International Conference on Information, Communication, Instrumentation and Control (ICICIC)
Year: 2017
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Abstract (295 Kb)
Nano-cavity coupled waveguide photonic crystal based biosensor detection of cervical cancer using nucleus and cytoplasm
Varsha Sharma | Vijay Laxmi Kalyani
2017 International Conference on Information, Communication, Instrumentation and Control (ICICIC)
Year: 2017
- ☐ A novel piezoelectric immunosensor for early cervical cancer detection
Li Yang ; Xianhe Huang
Proceedings of the 2014 Symposium on Piezoelectricity, Acoustic Waves, and Device Applications
Year: 2014
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IEEE Conferences
Abstract (795 Kb)
A novel piezoelectric immunosensor for early cervical cancer detection
Li Yang | Xianhe Huang
Proceedings of the 2014 Symposium on Piezoelectricity, Acoustic Waves, and Device Applications
Year: 2014
- ☐ Human Papilloma Virus biosensor based on electrochemical impedance spectroscopy of DNA hybridization
A. Karimizefreh ; P. Sasanpour ; E. Jokar ; R. Mohammadpour ; M. Vaezjalali ; T. Tekieh
2014 IEEE 34th International Scientific Conference on Electronics and Nanotechnology (ELNANO)
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Abstract

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Human Papilloma Virus biosensor based on electrochemical impedance spectroscopy of DNA hybridization

A. Karimzefreh | P. Sasanpour | E. Jokar | R. Mohammadpour | M. Vaezjalali | T. Tekieh

2014 IEEE 34th International Scientific Conference on Electronics and Nanotechnology (ELNANO)

Year: 2014

☐ Automated cervical cancer detection using photonic crystal based bio-sensor

Nithin S ; Poonam Sharma ; Vivek M ; Preeta Sharan

2015 IEEE International Advance Computing Conference (IACC)

Year: 2015

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IEEE Conferences

Abstract

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Automated cervical cancer detection using photonic crystal based bio-sensor

Nithin S | Poonam Sharma | Vivek M | Preeta Sharan

2015 IEEE International Advance Computing Conference (IACC)

Year: 2015

☐ Measuring bioimpedance in the human uterine cervix: towards early detection of preterm labor

Y.S.G. Hoe ; E.D. Gurewitsch ; A. Shaahinfar ; E.S. Hu ; S. Sampattavanich ; M. Ruffner ; K.H.S. Ching ; R.H. Allen

The 26th Annual International Conference of the IEEE Engineering in Medicine and Biology Society

Year: 2004 , Volume: 1

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IEEE Conferences

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Measuring bioimpedance in the human uterine cervix: towards early detection of preterm labor

Y.S.G. Hoe | E.D. Gurewitsch | A. Shaahinfar | E.S. Hu | S. Sampattavanich | M. Ruffner | K.H.S. Ching | R.H. Allen

The 26th Annual International Conference of the IEEE Engineering in Medicine and Biology Society

Year: 2004 | Volume: 1

☐ Rapid and sensitive strategy for Human Papillomavirus (HPV) detection using a gene-based DNA nanobiosensor

N. Azizah ; U. Hashim ; Sh. Nadzirah ; A. Rahim Ruslinda

2014 IEEE Conference on Biomedical Engineering and Sciences (IECBES)

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IEEE Conferences

Abstract

(1078 Kb)

Rapid and sensitive strategy for Human Papillomavirus (HPV) detection using a gene-based DNA nanobiosensor

N. Azizah | U. Hashim | Sh. Nadzirah | A. Rahim Ruslinda

2014 IEEE Conference on Biomedical Engineering and Sciences (IECBES)

Year: 2014

■ **Electrical characterization of suspended HeLa cells using ECIS based biosensor**

Debanjan Das ; Farhan Ahmad Kamil ; Karabi Biswas ; Soumen Das
 2012 Sixth International Conference on Sensing Technology (ICST)
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IEEE Conferences

Abstract

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Electrical characterization of suspended HeLa cells using ECIS based biosensor

Debanjan Das | Farhan Ahmad Kamil | Karabi Biswas | Soumen Das
 2012 Sixth International Conference on Sensing Technology (ICST)
 Year: 2012

■ **P16^{INK4a} detection using an ultra-sensitive silicon nanowire field effect transistor**

Jia-Yang Hung ; Yankuba B. Manga ; Yu-Ju Chen ; Haw-Ming Huang ; Wen-Luh Yang ; Chi-Chang Wu
 2018 7th International Symposium on Next Generation Electronics (ISNE)
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Abstract

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■ **Screening of L-histidine based ligands to purify the supercoiled plasmid DNA isoform**

Lúcia Amorim ; Fani Sousa ; João Queiroz ; Carla Cruz ; Ângela Sousa
 2015 IEEE 4th Portuguese Meeting on Bioengineering (ENBENG)
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Screening of L-histidine based ligands to purify the supercoiled plasmid DNA isoform

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■ **A photonic crystal sensor for analysis and detection of cancer cells**

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 2015 International Conference on Pervasive Computing (ICPC)
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IEEE Conferences

Abstract

(799 Kb)

A photonic crystal sensor for analysis and detection of cancer cells

Poonam Sharma | Preeta Sharan | Pooja Deshmukh
 2015 International Conference on Pervasive Computing (ICPC)
 Year: 2015

- ☐ **Application of a FRET-based caspase sensor for screening anti-apoptosis compounds in a culture-plate-based high throughput assay**

Kathy Qian Luo ; Ting Yu

The 4th IEEE International NanoElectronics Conference

Year: 2011

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IEEE Conferences

Abstract

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Application of a FRET-based caspase sensor for screening anti-apoptosis compounds in a culture-plate-based high throughput assay

Kathy Qian Luo | Ting Yu

The 4th IEEE International NanoElectronics Conference

Year: 2011

- ☐ **A 75-ch SQUID Biomagnetometer System for Human Cervical Spinal Cord Evoked Field**

Yoshiaki Adachi ; Jun Kawai ; Gen Uehara ; Masakazu Miyamoto ; Shoji

Tomizawa ; Shigenori Kawabata

IEEE Transactions on Applied Superconductivity

Year: 2007 , Volume: 17 , Issue: 4

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IEEE Journals & Magazines

Abstract

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A 75-ch SQUID Biomagnetometer System for Human Cervical Spinal Cord Evoked Field

Yoshiaki Adachi | Jun Kawai | Gen Uehara | Masakazu Miyamoto | Shoji

Tomizawa | Shigenori Kawabata

IEEE Transactions on Applied Superconductivity

Year: 2007 | Volume: 17 | Issue: 4

- ☐ **Optical Detection of Human Papillomavirus Type 16 and Type 18 by Sequence Sandwich Hybridization With Oligonucleotide-Functionalized Au Nanoparticles**

Sz-Hau Chen ; Kun-I Lin ; Chuan-Yi Tang ; Sheng-Lung Peng ; Yao-Chen

Chuang ; Yi-Rou Lin ; Jui-Ping Wang ; Chih-Sheng Lin

IEEE Transactions on NanoBioscience

Year: 2009 , Volume: 8 , Issue: 2

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IEEE Journals & Magazines

Abstract

(1052 Kb)

Optical Detection of Human Papillomavirus Type 16 and Type 18 by Sequence Sandwich Hybridization With Oligonucleotide-Functionalized Au Nanoparticles

Sz-Hau Chen | Kun-I Lin | Chuan-Yi Tang | Sheng-Lung Peng | Yao-Chen

Chuang | Yi-Rou Lin | Jui-Ping Wang | Chih-Sheng Lin

IEEE Transactions on NanoBioscience

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