

Name of Journal: *World Journal of Gastrointestinal Oncology*

ESPS Manuscript NO: 20980

Manuscript Type: REVIEW

Role of Raman spectroscopy and surface enhanced Raman spectroscopy in colorectal cancer

Jenkins *et al.* Raman spectroscopy in colorectal cancer

Cerys A Jenkins, Paul D Lewis, Peter R Dunstan, Dean A Harris

Cerys A Jenkins, Paul D Lewis, Dean A Harris, Swansea University Medical School, Swansea University, SA2 8PP Swansea, United Kingdom

Dean A Harris, Department of Colorectal Surgery, Singleton Hospital, SA2 8QA Swansea, United Kingdom

Match Overview

1

Internet 65 words
crawled on 22-Jan-2016
www.wjgnet.com

1%

2

Internet 28 words
crawled on 17-Apr-2015
www.science.gov

<1%

Colorectal cancer detection by gold nanoparticle based surface ...

www.ncbi.nlm.nih.gov/pubmed/21747512

4 Jul 2011 ... Colorectal cancer detection by gold nanoparticle based ... of using gold nanoparticle based surface-enhanced Raman spectroscopy (SERS) to....

Label-free detection of serum proteins using surface-enhanced ...

www.ncbi.nlm.nih.gov/pubmed/25138208

Surface-enhanced Raman scattering (SERS) spectra of serum proteins purified from human serum samples were employed to detect colorectal cancer.

OSA | Colorectal cancer detection by gold nanoparticle based ...

www.osapublishing.org/abstract.cfm?uri=oe-19-14-13565

Tentative assignments of the Raman bands in the measured SERS spectra suggested interesting cancer specific biomolecular changes, including an increase....

Colorectal cancer detection by gold nanoparticle ... - ResearchGate

www.researchgate.net/publication/51484121_Colorectal_cancer_detection_by_gold_na

Tentative assignments of the Raman bands in the measured SERS spectra ... for classification of SERS spectra between normal and colorectal cancer serum. Role of HCV-RNA decay and IP-10 levels after 48 hours of standard HCV....

Label-free detection of serum proteins using surface ... - ResearchGate

www.researchgate.net/publication/264938971_Label-free_detection_of_serum_protein

20 Aug 2014 ... ABSTRACT Surface-enhanced Raman scattering (SERS) spectra of ... of serum Raman spectroscopy between normal and colorectal cancer....

Label-free blood plasma test based on surface-enhanced Raman ...

www.nature.com/articles/srep04751

23 Apr 2014 ... High quality SERS spectra can be acquired from blood plasma samples ... for noninvasive cancer detection in clinical practice, due to the key role of In our previous studies on nasopharyngeal and colorectal cancer blood....

Raman spectroscopy for medical diagnostics — From in-vitro ...

www.sciencedirect.com/science/article/pii/S0169409X15000447

22 Mar 2015 ... Raman spectroscopy is an optical technique based on inelastic scattering of light by ... Another strategy in SERS diagnostics is the use of tailored ... is critical for improving the treatment

全部 新闻 图片 视频 购物 更多 ▾ 搜索工具

找到约 39,400 条结果 (用时 0.57 秒)

Google 学术 : Role of Raman spectroscopy and surface enhanced Raman spectroscopy in colorectal cancer

... based surface-enhanced Raman spectroscopy of ... - Lin - 被引用次数 : 95

... cells using surface-enhanced Raman spectroscopy - Lu - 被引用次数 : 190

... via surface-enhanced Raman spectroscopy (SERS) - Driskell - 被引用次数 : 131

Label-free detection of serum proteins using surface ...

www.ncbi.nlm.nih.gov/pubmed/25138208 ▾ 翻译此页

作者 : J Wang - 2014 - 被引用次数 : 7 - 相关文章

Label-free detection of serum proteins using surface-enhanced Raman spectroscopy for colorectal cancer screening. Wang J(1), Lin D(2), Lin J(1), Yu Y(2), ...

Label-free surface-enhanced Raman spectroscopy for ...

www.ncbi.nlm.nih.gov/pubmed/26417518 - 翻译此页

作者 : S Feng - 2015 - 被引用次数 : 1

Label-free surface-enhanced Raman spectroscopy for detection of colorectal cancer and precursor lesions using blood plasma. Feng S(1), Wang W(2), Tai IT(3), ...

OSA | Colorectal cancer detection by gold nanoparticle ...

<https://www.osapublishing.org/abstract.cfm?uri=oe-19-14...> ▾ 翻译此页

作者 : D Lin - 2011 - 被引用次数 : 95 - 相关文章

Colorectal cancer detection by gold nanoparticle based surface-enhanced Raman spectroscopy of blood serum and statistical analysis. Duo Lin, Shangyuan ...

Label-free blood plasma test based on surface-enhanced ...

www.nature.com > Scientific Reports ▾ 翻译此页



全部

新闻

图片

视频

更多 ▾

搜索工具

找到约 40,200 条结果 (用时 0.42 秒)

Google 学术: Role of Raman spectroscopy and surface enhanced Raman spectroscopy in colorectal cancer

... based surface-enhanced Raman spectroscopy of ... - Lin - 被引用次数: 107

Prospects for in vivo Raman spectroscopy - Hanlon - 被引用次数: 703

... cells using surface-enhanced Raman spectroscopy - Lu - 被引用次数: 199

Label-free surface-enhanced Raman spectroscopy for ...

www.ncbi.nlm.nih.gov/pubmed/26417518 - 翻译此页

作者: S Feng - 2015 - 被引用次数: 1 - 相关文章

Label-free surface-enhanced Raman spectroscopy for detection of colorectal cancer and precursor lesions using blood plasma. Feng S(1), Wang W(2), Tai IT(3), ...

OSA | Label-free surface-enhanced Raman spectroscopy for ...

<https://www.osapublishing.org/abstract.cfm?uri=boe-6-9...> ▾ 翻译此页

作者: S Feng - 2015 - 被引用次数: 1 - 相关文章

Label-free surface-enhanced Raman spectroscopy for detection of colorectal cancer and precursor lesions using blood plasma. Shangyuan Feng, Wenbo Wang ...

OSA | Colorectal cancer detection by gold nanoparticle ...

<https://www.osapublishing.org/abstract.cfm?uri=oe-19-14...> ▾ 翻译此页

作者: D Lin - 2011 - 被引用次数: 107 - 相关文章

Colorectal cancer detection by gold nanoparticle based surface-enhanced Raman spectroscopy of blood serum and statistical analysis. Duo Lin, Shangyuan ...

Raman spectroscopy for medical diagnostics — From in ...

www.sciencedirect.com/science/article/S0169409X15000447 - 翻译此页