

2014

1. [Comparative Study of Negative Aspects Elimination of Medical Image Watermarking Methods](#)

[ROČEK, Aleš](#) and [Vladimír ZATLOUKAL](#). Comparative Study of Negative Aspects Elimination of Medical Image Watermarking Methods. *International Journal of Information and Electronics Engineering*. 2014, vol. 5, No 1, p. 6-9. ISSN 2010-3719.

Name (in English): Comparative Study of Negative Aspects Elimination of Medical Image Watermarking Methods

RIV/00216224:14610/14:00076003 Article in a journal. Informatics. English. Singapore.

Roček, Aleš (203 Czech Republic, guarantor, belonging to the institution) -- Zatloukal, Vladimír (203 Czech Republic, belonging to the institution)

Keywords in English: communication; DICOM; medical images; security; watermarking

International impact: yes

Reviewed: yes

Changed by: Ing. Aleš Roček, Ph.D., učo 205054. Changed: 1/4/2015 11:33.

More: <https://is.muni.cz/auth/publication/1192702/en>

2. [Zálohovací a dohledový systém pro InstantPACS \(Backup and monitoring system for InstantPACS\)](#)

[SLAVÍČEK, Karel](#), [Otto DOSTÁL](#), [Michal JAVORNÍK](#), [Aleš ROČEK](#), [Vladimír ZATLOUKAL](#) and Petr SEDLÁK. Zálohovací a dohledový systém pro InstantPACS (Backup and monitoring system for InstantPACS). 2014.

Name (in English): Backup and monitoring system for InstantPACS

RIV/00216224:14610/14:00073309 Pilot plant, certified technology, variety, breed. Informatics. Czech. Czech Republic. obsah podléhá obchodnímu tajemství.

Slavíček, Karel (203 Czech Republic, guarantor, belonging to the institution) --

Dostál, Otto (203 Czech Republic, belonging to the institution) -- Javorník, Michal

(203 Czech Republic, belonging to the institution) -- Roček, Aleš (203 Czech

Republic, belonging to the institution) -- Zatloukal, Vladimír (203 Czech Republic,

belonging to the institution) -- Sedlák, Petr (203 Czech Republic)

Keywords in English: InstantPACS; backup; monitoring

International impact: yes

Reviewed: yes

Changed by: doc. Mgr. Karel Slavíček, Ph.D., učo 1158. Changed: 20/4/2018 11:08.

More: <https://is.muni.cz/auth/publication/1217373/en>

2012

3. [Secure medical multimedia DICOM data transfers over Internet](#)

[ZATLOUKAL, Vladimír](#) and [Aleš ROČEK](#). Secure medical multimedia DICOM data transfers over Internet. In World Scientific and Engineering Academy and Society. *ADVANCES in DATA NETWORKS, COMMUNICATIONS, COMPUTERS and MATERIALS*. Sliema, Malta: WSEAS Press, 2012. p. 104-108. ISBN 978-1-61804-118-0.

Name (in English): Secure medical multimedia DICOM data transfers over Internet

RIV/00216224:14610/12:00057053 Proceedings paper. Informatics. English. Czech Republic.

Zatloukal, Vladimír (203 Czech Republic, guarantor, belonging to the institution) -- Roček, Aleš (203 Czech Republic, belonging to the institution)

Keywords in English: DICOM; security; collaboration; multimedia; medical images; communication

International impact: yes

Reviewed: yes

Changed by: Ing. Aleš Roček, Ph.D., učo 205054. Changed: 1/4/2015 11:35.

More: <https://is.muni.cz/auth/publication/1078143/en>

2009

4. [Environment for effective training in medical image diagnostics](#)

HRTOŇOVÁ, Nina, [Michal JAVORNÍK](#), [Aleš ROČEK](#) and [Vladimír ZATLOUKAL](#). Environment for effective training in medical image diagnostics. In *Research, Reflections and Innovations in Integrating ICT in Education*. 1st ed. Badajoz, Spain: Formatex, 2009. p. 1221-1224. ISBN 978-84-692-1790-0.

Keywords in English: medicine; collaborative environments; e-learning; DICOM; PACS; medical database; education; life-long learning; radiology

Type of proceedings: pre-proceedings

International impact: yes

Reviewed: yes

Changed by: Mgr. Nina Hrtoňová, učo 2086. Changed: 28/4/2009 13:31.

More: <https://is.muni.cz/auth/publication/829949/en>

2008

5. [MeDiMed - medicínská obrazová data v praxi a ve výuce](#)

HRTOŇOVÁ, Nina, [Aleš ROČEK](#) and [Vladimír ZATLOUKAL](#). MeDiMed - medicínská obrazová data v praxi a ve výuce. In *Distanční vzdělávání v České republice - současnost a budoucnost, V. národní konference, Sborníknotací (tištěný) a příspěvků (CD-ROM)*. 1st ed. Ústí nad Labem: PdF UJEP Ústí nad Labem, 2008. 6 pp. ISBN 978-80-86302-43-0.

Keywords in English: medical image information, database, collaborative environment, DICOM, PACS, e-learning, long-life learning

International impact: yes

Reviewed: yes

Changed by: Ing. Aleš Roček, Ph.D., učo 205054. Changed: 1/4/2015 11:38.

More: <https://is.muni.cz/auth/publication/771645/en>