

ONCORADIOLOGY

Bimonthly Established in September 1992 Volume 26 Number 2 (Total 94) Apr. 28 2017

Responsible Institution

Fudan University

Sponsored by

Fudan University Shanghai Cancer Center

Assisted by

Chinese Society of Oncoradiology

Supported by

Jiangsu Hengrui Medicine Co., Ltd

Editor in Chief

CHANG Cai

LIU Shiyuan

ZHANG Yingjian

Associate Editor

FAN Wei

PENG Weijun

WANG Wenping

XU Huixiong

YANG Zhi

ZHOU Chunwu

Editorial Director

NI Ming

Editing and Publishing

Editorial Board of Oncoradiology

270 Dongan Road, Shanghai

200032, China

Tel: 0086-21-54244927

Fax: 0086-21-64043766

Website: www.zhongliuyingxiangxue.com

E-mail: imaging109@163.com

Typesetting and Printing

Shanghai Ou Yang Printing Co., Ltd.

Mail-Order

Editorial Board of Oncoradiology

270 Dongan Road, Shanghai

200032, China

Tel: 0086-21-54244927

Fax: 0086-21-64043766

E-mail: imaging109@163.com

CSSN

ISSN 1008-617X

CN 31-2087/R

Copyright © 2017 by the Editorial

Board of Oncoradiology

CONTENTS IN BRIEF

Specialists' Commentary

Advanced researches and future challenges of radiomics

..... GUO Yi, ZHOU Shichong, YU Jinhua, et al (81)

Research progress on tumor heterogeneity by ^{18}F -FDG PET/CT images using texture analysis

..... ZHANG Jianping, ZHANG Yingjian (91)

Specialists' Article

Prediction of pulmonary nodule malignancy based on radiomics

..... YANG Chunran, GUO Yi, WANG Yuanyuan (97)

Preliminary study on application of radiomics in thyroid carcinoma

..... ZHOU Shichong, LIU Tongtong, ZHOU Jin, et al (102)

Value of CT texture analysis in evaluating response to neoadjuvant chemotherapy for colorectal liver metastases

..... HU Feixiang, HU Tingdan, TONG Tong, et al (106)

Value of histogram analysis of apparent diffusion coefficient maps in differentiating breast lesions

..... SHEN Lijuan, MENG Fanhua, SUN Ruihong, et al (114)

Effects of variety in region of interest and slice on measurement of first-order statistical features in apparent diffusion coefficient map of prostate peripheral zone

..... LIU Xiaohang, LIU Wei, ZHOU Liangping, et al (121)

Value of ultrasound radiomics analysis in predicting expression of hormone receptors in invasive breast carcinoma

..... LI Jiawei, SHI Zhaoting, GUO Yi, et al (128)

Article

Radiographic and clinicopathologic observation of matrix-producing carcinoma of the breast

..... JIANG Bing, LIU Qian, HUANG Bo, et al (136)

Sonographic features of rudimentary uterine horn pregnancy in first-trimester with 14 cases analysis

..... WU Shudao, LIU Zhi (141)

Prenatal ultrasonic manifestation and clinical significance of fetal hemivertebra

..... QIN Luohao, GUO Ziyu, LIANG Yuling, et al (145)

Review

Advances in radiological imaging researches on high grade breast cancer

..... ZHOU Jiaqi, LUO Yahong (149)