

·中国科技核心期刊·

ISSN 1004-4140

CN 11-3017/P

CT 理论与应用研究

COMPUTERIZED TOMOGRAPHY
THEORY AND APPLICATIONS



2020

第29卷

第2期

Vol. 29

No. 2

ISSN 1004-4140



中国地震局地球物理研究所
同方威视技术股份有限公司

主办

CT 理论与应用研究

目次 (2020 年 4 月 第 29 卷 第 2 期)

•理论与方法•

非 SIRT 算法的工程地震波 CT 技术·····潘纪顺, 孙凯旋, 张妞, 李朋辉 (119)

•新冠 CT•

临床普通型的新型冠状病毒肺炎 CT 征象分析·····张禹, 凡平林, 程宜涛, 盛茂, 张茜, 刘波, 朱友志 (129)

新型冠状病毒肺炎患者的影像与实验室检测指标分析·····孟令彬, 张娜, 侯可可, 李娜, 江敏 (139)

新型冠状病毒肺炎的 X 线及 CT 表现·····高艳, 戎冬冬, 安彦虹, 单艺, 陈昕, 田耕, 卢洁 (147)

新型冠状病毒肺炎的临床特征及 CT 影像表现·····陈月华, 张涛 (155)

新型冠状病毒肺炎胸部 CT 影像学特征及检查优选策略初探·····褚岩, 张贺诚, 刘晶, 李小圳, 周桂娟, 付超, 赵天佐, 冀春亮 (163)

新型冠状病毒肺炎的 CT 征象研究·····姚永刚, 杜静波, 廖建勇, 勾振恒, 傅顺斌, 靳二虎 (169)

新型冠状病毒疫情下优化 CT 检查流程及防控助力“复工复产”稳步推进的实践与探索·····何理, 付传明, 徐霖, 陈文, 周选民, 刘超, 郑克华, 郑全增 (177)

•地球物理 CT•

物探方法在临清拗陷某区块山西组沉积相分析中的应用·····赵石峰, 张龙飞, 齐亮亮, 张昭, 郭盼盼 (185)

•医学成像与图像分析•

iDose4 迭代重建在 AIDS 合并 PJP 患者胸部低剂量 CT 扫描中的应用研究·····夏振营, 孙君, 王杏, 吴丹, 丁金立, 李宏军 (195)

儿童气管性支气管微剂量 MSCT 诊断及分型研究·····张宁, 官凤玲, 孙静涛, 张惠英, 李倩, 舒炜, 梅国勋, 王利顺 (203)

腺苷受体拮抗剂预防造影剂肾病对照研究的 Meta 分析·····崔兆瑞, 史长征, 莫绪凯 (211)

大脑中动脉狭窄程度与脑梗死前期 CT 灌注参数的相关性·····范丽, 黄劲柏 (219)

•医学 CT•

多期双流团注技术在冠脉 CTA 中评价右心室功能的应用·····温齐平, 王勇, 李优伟, 杨建, 董清涛 (229)

CT 在甲状腺乳头状癌诊断及术前评估中的价值分析·····程庆红, 王嗣伟, 盛茂, 李若梅, 刘莹 (241)

MSCT 评价小肠粪便征在小肠梗阻中出现的意义·····孙凤涛, 张厚宁, 禹璐, 盛佳曦, 傅昱 (249)

责任编辑: 毛国敏 编辑: 蒋知瑞

期刊基本参数: CN 11-3017/P*1992*b*16*138*zh+en*P*¥30.00*1000*14*2020-04*n

CT Theory and Applications (CTTA)

CONTENTS (Vo1. 29 No. 2 Apr. , 2020)

•CT Theory•

Non-SIRT Engineering Seismic Wave CT Technology..... (119)
.....PAN Jishun, SUN Kaixuan, ZHANG Niu, LI Penghui

•COVID-19 CT•

Analysis of CT Features of Novel Coronavirus Pneumonia with Clinical Ordinary Type..... (129)
...ZHANG Yu, FAN Pinglin, CHENG Yitao, SHENG Mao, ZHANG Qian, LIU Bo, ZHU Youzhi

Imaging and Laboratory Examination of Patients with COVID-19..... (139)
.....MENG Lingbin, ZHANG Na, HOU Keke, LI Na, JIANG Min

X-ray and CT Features of Novel Coronavirus Pneumonia..... (147)
.....GAO Yan, RONG Dongdong, AN Yanhong, SHAN Yi, CHEN Xin, TIAN Geng, LU Jie

Clinical Features and CT Imaging Findings of Patients with Corona Virus Disease-19..... (155)
.....CHEN Yuehua, ZHANG Tao

Novel Coronavirus Pneumonia Chest CT Features and Examination Strategy..... (163)
ZHANG Hecheng, LIU Jing, LI Xiaozhen, ZHOU Guijuan, FU Chao, ZHAO Tianzuo, JI Chunliang

Study of Chest CT Features of COVID-19..... (169)
.....YAO Yonggang, DU Jingbo, LIAO Jianyong, GOU Zhenheng, FU Shunbin, JIN Erhu

Practice and Exploration of Optimizing CT Examination Process and Prevention and Control to Promote "Resuming Work and Production" Steadily Under Epidemic Situation of COVID-19..... (177)
.....HE Li, FU Chuanming, XU Lin, CHEN Wen, ZHOU Xuanmin, LIU Chao, ZHENG Kehua, ZHENG Quanzeng

•Geotomography•

Application of Geophysical Exploration Method in Sedimentary Facies Analysis of Shanxi Formation in Linqing Depression..... (185)
.....ZHAO Shifeng, ZHANG Longfei, QI Liangliang, ZHANG Zhao, GUO Panpan

• Medical Imaging and Image Processing•

Application of iDose4 Iterative Reconstruction on Low Dose CT Scanning in AIDS Patients with PJP..... (195)
.....XIA Zhenying, SUN Jun, WANG Xing, WU Dan, DING Jinli, LI Hongjun

Study on the Diagnosis and Classification of Tracheobronchial Micro Dose MSCT in Children... (203)
.....ZHANG Ning, GONG Fengling, SUN Jingtao, ZHANG Huiying, LI Qian, SHU Wei, MEI Guoxun, WANG Lishun

Meta Analysis of Adenosine Antagonists in the Prevention of Contrast Induced Nephropathy (211)
.....CUI Zhaorui, SHI Changzheng, MO Xukai

Correlation between the Degree of Middle Cerebral Artery Stenosis and CT Perfusion Parameters in the Early Stage of Cerebral Infarction..... (219)
.....FAN Li, HUANG Jinbai

•Medical CT•

Application of Multi-stage Double-flow Mass Injection Technique in Evaluating Right Ventricular Function in Coronary CTA..... (229)
.....WEN Qiping, WANG Yong, LI Youwei, YANG Jian, DONG Qingtao

Value Analysis of CT in the Diagnosis and Preoperative Evaluation of Papillary Thyroid Carcinoma..... (241)
.....CHENG Qinghong, WANG Siwei, SHENG Mao, LI Ruomei, LIU Ying

Multi-slice CT Evaluation of Significance of Small Bowel Feces Sign in Small-bowel Obstruction..... (249)
.....SUN Fengtao, ZHANG Houning, YU Lu, SHENG Jiayi, FU Yu

Serial parameters: CN 11-3017/P*1992*b*16*138*zh+en*P*¥ 30. 00*1000*14*2020-04*n