

·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

2016

第25卷
Vol. 25

第2期
No. 2

ISSN 1004-4140



04>

9 771004 414162

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 (2016 年 4 月 第 25 卷 第 2 期)

•能谱 CT•

- 感兴趣区大小对单源双能 CT 能谱成像 CT 值及水(碘)浓度值影响.....刘泽群, 孙美玉, 刘爱连, 韩铮
能谱 CT 成像定量分析在鉴别诊断周围型肺癌和肺炎性肿块中的价值.....余花艳 (135)

•地球物理 CT•

- 致密砂岩储层 CO₂ 驱油特征的核磁共振实验研究.....郎东江, 伦增珉, 吕成远, 王海涛, 潘伟义 (141)

•工业 CT•

- 血管液态金属造影成像金属伪影校正算法研究.....柴佳彬, 李公平, 魏存峰, 魏龙, 于洋, 王倩, 刘宝东 (149)

•医学 CT•

- 幕上及幕下脑室内中枢神经细胞瘤 CT 及 MRI 影像学表现.....吴延春, 吴东青, 胡君 (159)

- 128 层螺旋 CTA 联合彩色多普勒超声在诊断颈动脉狭窄中的应用研究.....梁辉清, 张胜林, 唐堪华, 袁国奇, 刘海明, 刘锐洪 (169)

- 宿主免疫功能低下并发肺结核 CT 表现特征.....余红胜, 沈又利, 刘孟磊, 段潘峰 (175)

- MSCT 对脊柱孤立性浆细胞瘤诊断价值.....徐官珍, 童成文, 兰珊, 王琳琳, 刘源源, 罗小琴, 张自力, 邹文远 (183)

- 后循环缺血患者椎基底动脉狭窄的 3D-TOP-MRA 与 DSA 对照研究.....谢惠, 覃川, 吕发金, 王毅, 邓小林, 张丽娟, 胡建刚, 杨俊潇, 荣天, 施武非, 屈亚林, 周帮建, 周琴, 方祥勇 (189)

- 探讨肘部固定夹板应用于 CT 增强患者的临床价值.....汪令生, 汪令成, 吴德红, 吴磊, 陈义加, 付传明 (197)

- 不典型少突胶质细胞肿瘤的影像表现.....蔡汉寿, 肖树恺, 张岳, 张军 (203)

- CT 淋巴管造影对淋巴管肌瘤病乳糜胸的诊断价值.....张奇瑾, 王仁贵, 张春燕, 沈文彬, 孙应实, 李晓婷, 曹崑 (211)

- 表现局灶性磨玻璃密度肺癌的 CT 诊断与随访分析.....包亚红, 成钢 (219)

- CT 和 MRI 对桥脑中央髓鞘溶解症的诊断价值.....胡丽, 吴德红, 余刚, 陈学强, 陈平有 (227)

•综述•

- 锥束 CT 散射抑制方法综述.....戎军艳, 刘文磊, 高鹏, 廖琪梅, 卢虹冰 (235)

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*124*zh+en*P* ¥30.00*1200*15*2016-04*n

CT Theory and Applications (CTTA)

CONTENTS (Vol. 25 No. 2 Apr., 2016)

•Spectral CT•

- Influence of the Size of Regions of Interest on CT Value and Material Decomposition Measurement in Water Phantom by Single-source Dual Energy CT..... LIU Ze-qun, SUN Mei-yu, LIU Ai-lian, HAN Zheng (129)

- The Value of CT Imaging Spectroscopy Quantitative Analysis in the Differential Diagnosis of Peripheral Lung Cancer and Pneumonia Mass..... YU Hua-yan (135)

•Geotomography•

- Study of Displacement Characteristics of CO₂ in Tight Sandstone Reservoir by Nuclear Magnetic Resonance..... LANG Dong-jiang, LUN Zeng-min, LV Cheng-yuan, WANG Hai-tao, PAN Wei-yi (141)

•Industrial CT•

- Metal Artifacts Correction Method Research about Liquid Metal Angiography..... CHAI Jia-bin, LI Gong-ping, WEI Cun-feng, WEI Long, YU Yang, WANG Qian, LIU Bao-dong (149)

•Medical CT•

- CT and MRI Findings under the Act and Act on Indoor Central Nervous Cell Tumor..... WU Yan-chun, WU Dong-qing, HU Jun (159)

- 128-MSCT Angiography Combined with Color Doppler Flow Image in the Assessment of Carotid Artery Stenosis..... LIANG Hui-qing, ZHANG Sheng-lin, TANG Kan-hua, YUAN Guo-qi, LIU Hai-ming, LIU Rui-hong (169)

- CT Features of Pulmonary Tuberculosis Complicated by Low Immune Function Patients..... YU Hong-sheng, SHEN You-li, LIU Meng-lei, DUAN Pan-feng (175)

- The Diagnosis Value of Solitary Plasmacytoma in Spine Using Multi-slice Computed Tomography..... XU Guan-zhen, TONG Cheng-wen, LAN Shan, WANG Lin-lin, LIU Yuan-yuan, LUO Xiao-qin, ZHANG Zi-li, ZOU Wen-yuan (183)

- Comparative Study of Vertebral-basilar Artery Stenosis Diagnosed by 3D-TOP-MRA and DSA to Patients with Posterior Circulation Ischemia..... XIE Hui, QIN Chuan, LV Fa-jin, WANG Yi, DENG Xiao-lin, ZHANG Li-juan, HU Jian-gang, YANG Jun-xiao, RONG Tian, SHI Wu-fei, QU Ya-lin, ZHOU Bang-jian, ZHOU Qin, FANG Xiang-yong (189)

- The Patient's Clinical Practical Value of Elbow Fixed Splint Applied to Enhanced CT Examination..... WANG Ling-sheng, WANG Ling-cheng, WU De-hong, WU Lei, CHEN Yi-jia, FU Chuan-ming (197)

- Imaging Features of Atypical Oligodendroglial Tumor..... CAI Han-shou, XIAO Shu-kai, ZHANG Yue, ZHANG Jun (203)

- The Diagnostic Value of CT Lymphangiography about Chylothorax of Lymphangiomyomatosis..... ZHANG Qi-jin, WANG Ren-gui, ZHANG Chun-yan, SHEN Wen-bin, SUN Ying-shi, LI Xiao-ting, CAO Kun (211)

- CT Diagnosis and Follow-up Analysis of Lung Cancer as Ground-glass Opacity..... BAO Ya-hong, CHENG Gang (219)

- Value of CT and MRI for diagnosing Central Pontine Myelinolysis..... HU li, WU De-hong, YU Gang, CHEN Xue-qiang, CHEN Ping-you (227)

•Review•

- The Review of Scatter Suppression Methods in Cone Beam CT..... RONG Jun-yan, LIU Wen-lei, GAO Peng, LIAO Qi-me, LU Hong-bing (235)