著書

青木隆敏、久岡正典
腫瘍・腫瘍類似疾患
関節の MRI，第 3 版
上谷雅孝、青木隆敏、江原茂、神島保、杉本英治編
メディカルサイエンス・インターーナショナル：283-311 頁，2020

藤崎瑛隆、青木隆敏
骨損傷
関節の MRI，第 3 版
上谷雅孝、青木隆敏、江原茂、神島保、杉本英治編
メディカルサイエンス・インターーナショナル：456-472 頁，2020

井手智、掛田伸吾
免疫系の異常に関連する疾患
頭部画像診断の勘ドコロ NEO
田岡俊昭編
メジカルビュー社：193-196，211-227 頁，2020

大栗隆行
Q13　放射線療法の併用療法について教えてください.
患者さんと家族のための放射線治療 Q&A 2020 年版
日本放射線腫瘍学会編
金原出版：85-86 頁，2020 青木隆敏：

原著論文及び総説
英　文
Lu H, Kondo M, Li Y, Tan J, Kim H, Murakami S, Aoki T, Kido S.
Supervoxel Graph Cuts: An Effective Method for GGO Candidate Regions Extraction on CT Images
IEEE Consumer Electronics Magazine; 9: 61-66, 2020

Lu H, Kondo M, Li Y, Tan J, Kim H, Murakami S, Aoki T, Kido S.
Supervoxel graph cuts: an effective method for GGO candidate regions extraction on CT images
IEEE Consum Electron Mag 9: 61-66, 2020

Takaki T, Murakami S, Watanabe R, Aoki T, Fujibuchi T.
Calculating the target exposure index using a deep convolutional neural network and a rule base
Physica Medica 71:108-114, 2020

Miyata M, Kakeda S, Yoneda T, Ide S, Okada K, Adachi H, Korogi Y.
Signal intensity of cerebral gyri in corticobasal syndrome on phase difference enhanced magnetic resonance images: Comparison of progressive supranuclear palsy and Parkinson's disease
J Neurol Sci 15:419:117210, 2020

Masaki H, Watanabe K, Kakeda S, Ide S, Sugimoto K, Ueda I, Hamamura T, Hisanaga S, Toyota T, Akamatsu N, Shimajiri S, Yamamoto J, Nishizawa S, Adachi H, Korogi Y.
Hippocampal sclerosis without visually detectable hippocampal MRI abnormalities: automated subfield volumetric analysis
Jpn J Radiol. 38:1020-1027, 2020

Miyata M, Kakeda S, Hashimoto T, Ide S, Okada K, Adachi H, Korogi Y.
Facial nerve atrophy in patients with amyotrophic lateral sclerosis: Evaluation with fast imaging employing steady-state acquisition (FIESTA)
J Magn Reson Imaging. 51:757-766, 2020

Takeshita Y, Watanabe K, Kakeda S, Hamamura T, Sugimoto K, Masaki H, Ueda I, Igata N, Ohguri T, Korogi Y.
Early volume reduction of the hippocampus after whole-brain radiation therapy: an automated brain structure segmentation study
Jpn J Radiol 38:118-125, 2020

Shiba E, Saito A, Furumi M, Kawahara D, Miki K, Murakami Y, Ohguri T, Ozawa S, Tsuneda M, Yahara K, Nishio T, Korogi Y, Nagata Y.
Predictive gamma passing rate for three-dimensional dose verification with finite detector elements via improved dose uncertainty potential accumulation model
Med Phys 47:1349-1356, 2020

Katsuki A, Watanabe K Nguyen L, Otsuka Y, Igata R, Ikenouchi A, Kakeda S, Korogi Y, Yoshimura R.
Structural Changes in Hippocampal Subfields in Patients with Continuous Remission of Drug-Naïve Major Depressive Disorder.
Int J Mol Sci 21(9):3032,2020

Hamamura T, Hayashida Y, Takeshita Y, Sugimoto K, Ueda I, Futatsuya K, Kakeda S, Aoki T, Korogi Y.
Correction to: The usefulness of full-iterative reconstruction algorithm for the visualization of cystic artery on CT angiography.
Jpn J Radiol 38(5):480-481,2020

Kakeda S, Watanabe K, Nguyen H, Katsuki A, Sugimoto K, Igata N, Abe O, Yoshimura R, Korogi Y.
An independent component analysis reveals brain structural networks related to TNF- α in drugnaïve, first-episode major depressive disorder: a source-based morphometric study.
Transl Psychiatry 10(1):187,2020

Watanabe K, Kakeda S, Katsuki A, Ueda I, Ikenouchi A, Yoshimura R, Korogi Y.
Whole-brain structural covariance network abnormality in first-episode and drug-naïve major depressive disorder.
Psychiatry Res Neuroimaging 300:111083,2020

Ueda I, Takemoto K, Watanabe K, Sugimoto K, Ikenouchi A, Kakeda S, Katsuki A, Yoshimura R, Korogi Y.
The brain-derived neurotrophic factor Val66Met polymorphism increases segregation of structural correlation networks in healthy adult brains.
PeerJ 8:e9632,2020

Mawatari T, Hayashida Y, Katsuragawa S, Yoshimatsu Y, Hamamura T, Anai K, Ueno M, Yamaga S, Ueda I, Terasawa T, Fujisaki A, Chihara C, Miyagi T, Aoki T, Korogi Y.
The effect of deep convolutional neural networks on radiologists' performance in the detection of hip fractures on digital pelvic radiographs.
Eur J Radiol 130:109188,2020

Okamoto N, Watanabe K, Ngyuyen L, Ikenouchi A, Kishi T, Iwata N, Kakeda S, Korogi Y, Yoshimura R.
Association of Serum Kynurenine Levels and Neural Networks in Patients with First-Episode, Drug-Naïve Major Depression: A Source-Based Morphometry Study.
Neuropsychiatr Dis Treat 16:2569-2577,2020

Nguyen L, Kakeda S, Watanabe K, Katsuki A, Sugimoto K, Igata N, Shinkai T, Abe O, Korogi Y, Ikenouchi A, Yoshimura R.
Brain structural network alterations related to serum cortisol levels in drug-naïve, first-episode major depressive disorder patients: a source-based morphometric study.
Sci Rep 10(1):22096,2020

Okamoto N, Watanabe K, Ngyuyen L, Ikenouchi A, Kishi T, Iwata N, Kakeda S, Korogi Y, Yoshimura R.
Association of Serum Kynurenine Levels and Neural Networks in Patients with First-Episode, Drug-Naïve Major Depression: A Source-Based Morphometry Study.
Neuropsychiatr Dis Treat 16:2569-2577,2020

邦文
寺澤岳、青木隆敏
骨転移の画像診断
臨床画像 36：853-563，2020

青木隆敏
骨軟部腫瘍の MRI 定量的評価
画像診断 40：624-625，2020

青木隆敏
脊椎
画像診断 40：1366-1368，2020

塚本純、宮坂実木子、大島正成、塩原拓実、斎藤祐貴、苅原早保、岡本礼子、堤義之、野坂俊介、堀川玲子、宮嵜治
先天性副腎皮質過形成
小児科臨床 73：1505-1507，2020

上野碧、栗原泰之
全身性疾患の窓としての臓器　胸部
臨床画像 36：1366-1375，2020

吉福優汰、寺澤岳、陸慧敏、金亨燮、青木隆敏
Deep Radiomics による胸部 CT 画像からのドライバー遺伝子情報変異の検出
信学技報 119：35-39，2020

症例報告・その他
英文

Ohguri T, Kakinouchi S, Imada H, Matsuyama A, Yahara K, Nakahara S, Hohchi N, Suzuki H, Korogi Y.
Pediatric nasopharyngeal cancer with repeated oligometastases involving the bone, liver and distant lymph nodes who achieved cure after radiotherapy
Nagoya J Med Sci 82:135-141, 2020

Itamura H, Ohguri T, Yahara K, Nakahara S, Kakinouchi S, Morisaki T, Yatera K, Tanaka F, Korogi Y.
Pembrolizumab-induced radiation recall pneumonitis after the resolution of typical asymptomatic radiation pneumonitis
J UOEH 42:261-266, 2020

国際学会発表

Anai K, Hayashida Y, Ueda I, Tsukamoto J, Takeshita Y, Aoki T, Korogi Y.
CT texture analysis for differentiating focal-type autoimmune pancreatitis and pancreatic adenocarcinoma via a machine learning approach
European Congress of Radiology, Vienna, Austria, July 15- July 19, 2020

Takeshita Y, Watanabe K, Fukumitsu S, Tanaka Y, Korogi Y:
Volume loss of the brain regions in the SLE patient using SPM
European Congress of Radiology, Vienna, Austria, July 15- July 19, 2020

Aoki T, Terasawa T, Kusano S, Nakagawa T, Korogi Y:
Opportunistic CT screening for assessment of vertebral fracture risk
The Radiological Society of North America, 106th Scientific Assembly and Annual Meeting, Chicago, USA, November 29- December 4, 2020