Curriculum Vitae
of
Hiroyuki Kabasawa

Degrees

B.Sc. Applied Physics, 1991, Tokyo Institute of Technology, Tokyo, Japan

M.Sc. Applied Physics, 1993, Tokyo Institute of Technology , Tokyo, Japan

Ph.D. Medical Science, 2008, The University of Tokyo , Tokyo, Japan

Employment History

Manager, MR Research collaboration	2010-Pres	GE Healthcare Japan
MR Scientist	2006-2010	GE Healthcare Japan
DFSS Black Belt, Six Sigma	2003-2006	GE Healthcare Japan
MR Scientist	1993-2003	GE Healthcare Japan

Honors

*International Society for Magnetic Resonance in Medicine, Fourteenth Scientific Meeting, Poster Award

*The 35th Japanese Society for Magnetic Resonance in Medicine, Poster Award (1st place)

Academic Activities

Member of Japanese Society for Magnetic Resonance in Medicine (1993-Pres)

Member of the Japanese society of Medical Imaging technology (2002-Pres)

Member of Japan Radiological Society (2006-Pres)

Editorial board member of Magnetic Resonance of Medical Science (2012-Pres)

Executive board member of Japanese Society of Magnetic Resonance in Medicine (2016-Pres)

Recent Publications

1. Natori T, Sasaki M, Miyoshi M, Ito K, Ohba H, Miyazawa H, Narumi S, Kabasawa H, Harada T, Terayama Y. Intracranial Plaque Characterization in Patients with Acute Ischemic Stroke Using Pre- and Post-Contrast Three-Dimensional Magnetic Resonance Vessel Wall Imaging. J Stroke Cerebrovasc Dis. 2016 Jun;25(6):1425-30.
2. Iwadate Y, Miyoshi K, Kabasawa H Motion detection improvement of a pencil-beam navigator echo using a gradient reversal technique. Magn Reson Imaging. 2015 Nov;33(9):1168-72.
3. Nishimura J, Kakeda S, Abe O, Yoshimura R, Watanabe K, Goto N, Hori H, Sato T, Takao H, Kabasawa H, Nakamura J, Korogi Y. Plasma levels of 3-methoxy-4-hydroxyphenylglycol are associated with microstructural changes within the cerebellum in the early stage of first-episode schizophrenia: a longitudinal VBM study. Neuropsychiatr Dis Treat. 2014 Dec

8;10:2315-23.

4. Goto T, Kabasawa H. Robust automated bolus tracker positioning for MRI liver scans. Magn Reson Imaging. 2015 Jan;33(1):63-71.

5. Iwadate Y, Brau AC, Vasanawala SS, Kabasawa H。 Enhancement of respiratory navigator-gated three-dimensional spoiled gradient-recalled echo sequence with variable flip angle scheme. Magn Reson Med. 2014 Jul;72(1):172-7.

6. Natori T, Sasaki M, Miyoshi M, Ohba H, Katsura N, Yamaguchi M, Narumi S, Kabasawa H, Kudo K, Ito K, Terayama Y. Evaluating middle cerebral artery atherosclerotic lesions in acute ischemic stroke using magnetic resonance T1-weighted 3-dimensional vessel wall imaging. J Stroke Cerebrovasc Dis. 2014 Apr;23(4):706-11.

7. Maikusa N, Yamashita F, Tanaka K, Abe O, Kawaguchi A, Kabasawa H, Chiba S, Kasahara A, Kobayashi N, Yuasa T, Sato N, Matsuda H, Iwatsubo T; Japanese Alzheimer's Disease Neuroimaging Initiative. Improved volumetric measurement of brain structure with a distortion correction procedure using an ADNI phantom. Med Phys. 2013 Jun;40(6):062303.

8. Goto T, Kabasawa H. Automated scan prescription for MR imaging of deformed and normal livers. Magn Reson Med Sci. 2013 Mar 25;12(1):11-20.

9. Sasaki M, Kudo K, Uwano I, Kabasawa H, Matsuda T. Neuroimaging using ultrahigh-field magnetic resonance imaging at 7 tesla: current concepts. Brain Nerve. 2012 Sep;64(9):1057-62. Review. Japanese.

10. Goto M, Abe O, Miyati T, Kabasawa H, Takao H, Hayashi N, Kurosu T, Iwatsubo T, Yamashita F, Matsuda H, Mori H, Kunimatsu A, Aoki S, Ino K, Yano K, Ohtomo K; Japanese Alzheimer's Disease Neuroimaging Initiative. Influence of signal intensity non-uniformity on brain volumetry using an atlas-based method. Korean J Radiol. 2012 Jul-Aug;13(4):391-402.

11. Takei N, Miyoshi M, Kabasawa H. Noncontrast MR angiography for supraaortic arteries using inflow enhanced inversion recovery fast spin echo imaging. J Magn Reson Imaging. 2012 Apr;35(4):957-62.

12. Fujiwara Y, Kimura H, Miyati T, Kabasawa H, Matsuda T, Ishimori Y, Yamaguchi I, Adachi T. MR perfusion imaging by alternate slab width inversion recovery arterial spin labeling (AIRASL): a technique with higher signal-to-noise ratio at 3.0 T. MAGMA. 2012 Apr;25(2):103-11.

13. Takao H, Hayashi N, Kabasawa H, Ohtomo K. Effect of scanner in longitudinal diffusion tensor imaging studies. Hum Brain Mapp. 2012 Feb;33(2):466-77.

Patents

US 8,498,690 Blood flow dynamic analysis apparatus, method of blood flow dynamic analysis, and magnetic resonance imaging system

US 8,417,317 Blood flow dynamic analysis apparatus and method, and magnetic resonance imaging system

US 8,285,360 Blood flow dynamic analysis apparatus, magnetic resonance imaging system and program

US 7,683,616 Magnetic resonance imaging apparatus, magnetic resonance imaging method, and diffusion tensor color map image generating apparatus

US 7,671,592 Magnetic resonance imaging apparatus and magnetic resonance image displaying method

US 7,505,806 Fiber rendering apparatus