

## 論文

- 1) Ryo Ueda,Naoki Yamada,Masahiro Abo,Atsushi Senoo, Relationship between motor function improvements and white matter structure after low-frequency repetitive transcranial magnetic stimulation plus intensive occupational therapy in chronic subcortical stroke patients., Relationship between motor function improvements and white matter structure after low-frequency repetitive transcranial magnetic stimulation plus intensive occupational therapy in chronic subcortical stroke patients., 30(7):485-490, 2019/5/1.
- 2) Sho Mitomo,Hideyuki Usa,Masafumi Hata,Daisuke Ogawa,Atsushi Senoo,Hitoshi Takei: Sequential Changes in Activity of Hip Abductor Muscles after Side-lying Hip Abduction Exercise with Different Directions using Muscle Functional Magnetic Resonance Imaging . Integrative Journal of Orthopaedics and Traumatology , [Sho Mitomo,Hideyuki Usa,Masafumi Hata,Daisuke Ogawa,Atsushi Senoo,Hitoshi Takei], Sequential Changes in Activity of Hip Abductor Muscles after Side-lying Hip Abduction Exercise with Different Directions using Muscle Functional Magnetic Resonance Imaging, Sequential Changes in Activity of Hip Abductor Muscles after Side-lying Hip Abduction Exercise with Different Directions using Muscle Functional Magnetic Resonance Imaging, 2(3):1-8, 2019/5/1.
- 3) Ueda R,Yamada N,Abo M,Senoo A: White matter changes follow low-frequency repetitive transcranial magnetic stimulation plus intensive occupational therapy for motor paralysis after stroke: a DTI study using TBSS.. Acta neurologica Belgica , [Ueda R,Yamada N,Abo M,Senoo A] , White matter changes follow low-frequency repetitive transcranial magnetic stimulation plus intensive occupational therapy for motor paralysis after stroke: a DTI study using TBSS., White matter changes follow low-frequency repetitive transcranial magnetic stimulation plus intensive occupational therapy for motor paralysis after stroke: a DTI study using TBSS., 2019/5/1.
- 4) Suzuki M,Moriya S,Hata J,Tachibana A,Senoo A,Niitsu M:Development of anisotropic phantoms using wood and fiber materials for diffusion tensor imaging and diffusion kurtosis imaging.. Magma (New York, N.Y.) , [Suzuki M,Moriya S,Hata J,Tachibana A,Senoo A,Niitsu M] , Development of anisotropic phantoms using wood and fiber materials for diffusion tensor imaging and diffusion kurtosis imaging., Development of anisotropic phantoms using wood and fiber materials for diffusion tensor imaging and diffusion kurtosis imaging., 2019/5/1.
- 5) Mika Mori,Shigehide Kuhara,Kuninori Kobayashi,Sinya Suzuki,Masahisa Yamada,Atsushi Senoo, Non-destructive tree-ring measurements using a clinical 3T-MRI for archaeology , Non-destructive tree-ring measurements using a clinical 3T-MRI for archaeology , 57:125630-125630, 2019/10/1.
- 6) Ryo Ueda,Naoki Yamada,Masahiro Abo,Pradeepa Wanniarachchi Ruwan,Atsushi Senoo, MRI evaluation of motor function recovery by rTMS and intensive occupational therapy and changes in the activity of motor cortex., MRI evaluation of motor function recovery by rTMS and intensive occupational therapy and changes in the activity of motor cortex., 130 (3):309-317, 2020/3/1.

## Misc

- 1) 妹尾淳史:画像情報を作業療法に活かす(第 1 回) 画像情報の理解に必要な知識. 作業療法ジャーナル , 53(13):1344-1351, 2019/12/1.

## 講演・口頭発表等

- 1) Wanni Arachchige Pradeepa Ruwan,妹尾淳史: Structural Connectivity Changes in Post-stroke patients after Rehabilitation. OHBM Annual Meeting, 2019 年 6 月 .
- 2) 上田亮,妹尾淳史,原寛美: 自動トラクトグラフィーを用いたびまん性軸索損傷患者と軽度頭部外傷患者における白質路変性の差異の検討. 第 47 回日本磁気共鳴医学会大会, 2019/9/21 .
- 3) 斎藤勇哉,Ruhan Pradeepa,Hoang Ngoc Thanh,倉持麻奈,内田航,妹尾淳史: 速読が脳および学習効果にもたらす影響. 第 47 回日本磁気共鳴医学会大会, 2019/9/21 .
- 4) Hoang Ngoc Thanh,妹尾淳史,Pradeepa Wanniarachchi Ruwan,斎藤勇哉,内田航: Altered microstructural of white matter in Mild Traumatic Brain Injuries: A modified tract-based spatial static study. 第 47 回日本磁気共鳴医学会大会, 2019/9/21 .
- 5) 速読時の脳神経活動及び機能的結合を用いた脳内ネットワークの解明. 第 47 回日本磁気共鳴医学会大会, 2019/9/21 .
- 6) W A Ruwan,妹尾淳史,T Hoang,斎藤勇哉,内田航: Evaluation of White Matter Changes in Traumatic Brain Injury Using Track Density Imaging and Fractional Anisotropy. 第 105 回北米放射線学会, 2019 年 12 月 .

## 競争的資金等の研究課題

- 1) 川島友和:文部科学省 科学研究費基金(基盤研究(C))「術後伝導障害回避のための臨床解剖学的基盤構築と3D シミュレーションモデルの作製」, 2016/4/1-2020/3/1.
- 2) 川島友和,妹尾淳史: 日本学術振興会 科学研究費助成事業 基盤研究(C)「術後伝導障害回避のための臨床解剖学的基盤構築と3D シミュレーションモデルの作製」, 2016/4/1-2020/3/31.