

脳情報通信融合研究センター誌上発表論文一覧 (2013年4月 - 2018年3月)

■脳情報通信融合研究センター (CiNet)

発表年月日	論文名	誌名/発表機関	巻号	発表者
2013/4/10	Human Sensorimotor Cortex Represents Conflicting Visuomotor Mappings	JOURNAL OF NEUROSCIENCE	Vol.33 No.15 pp.6412-6422	Kenji Ogawa, 今水 寛
2013/4/12	Statistical method for detecting phase shifts in alpha rhythm from human electroencephalogram data	PHYSICAL REVIEW E	Vol.87 No.4 pp.042708	成瀬 康, Ken Takiyama, 岡田 真人, 梅原 広明
2013/4/24	Cancelling Prism Adaptation by a Shift of Background: A Novel Utility of Allocentric Coordinates for Extracting Motor Errors	JOURNAL OF NEUROSCIENCE	Vol.33 No.17 pp.7595-7602	Motoaki Uchimura, 北澤 茂
2013/4/30	Construction of an in vitro model system for the anatomical re-entry phenomenon of cardiac tissues by using microfabrication techniques	IEEJ TRANSACTIONS ON ELECTRICAL AND ELECTRONIC ENGINEERING	Vol.8 No.3 pp.308-309	Akane Yasukawa, Yuzo Takayama, 鈴木 隆文, Kunihiro Mabuchi
2013/5/2	Neural decoding of visual imagery during sleep	SCIENCE	Vol.340 pp.639-642	堀川 友慈, 玉置 應子, 宮脇 陽一, 神谷 之康
2013/5/14	Reward prediction-related increases and decreases in tonic neuronal activity of the pedunculopontine tegmental nucleus	FRONTIERS IN INTEGRATIVE NEUROSCIENCE	Vol.7 Article 36 pp.1-14	岡田 研一, 小林 康
2013/5/15	Differential activation of brain regions involved with error-feedback and imitation based motor simulation when observing self and an expert's actions in pilots and non-pilots on a complex glider landing task	NEUROIMAGE	Vol.72 pp.55-68	Daniel E. Callan, Cengiz Terzibas, Daniel B. Cassel, カラン 明子, 川人 光男, Masa-aki Sato
2013/5/21	UNCONDITIONAL SECURITY BY THE LAWS OF CLASSICAL PHYSICS	METROLOGY AND MEASUREMENT SYSTEMS	Vol.20 No.1 pp.3-16	Robert Mingesz, Laszlo Bela Kish, Zoltan Gingl, Claes-Goran Granqvist, He Wen, Ferdinand Peper, Travis Eubanks, Gabor Schmera
2013/6/1	The Localized Discovery and Recovery for Query Packet Losses in Wireless Sensor Networks with Distributed Detector Clusters	SENSORS	Vol.13 No.6 pp.7472-7491	Rui Teng, Kenji Leibnitz, Ryu Miura
2013/6/1	Attention during natural vision warps semantic representation across the human brain	NATURE NEUROSCIENCE	Vol.16 No.6 pp.763-770	Tolga Cukur, 西本 伸志, Alexander G. Huth, Jack L. Gallant
2013/6/21	Multineuronal spike sequences repeat with millisecond precision	FRONTIERS IN NEURAL CIRCUITS	Vol.7 Article 112 pp.1-12	Koki Matsumoto, Tomoe Ishikawa, Norio Matsuki, 池谷 裕二
2013/6/24	Attached molecular motor in a trapped single molecule assay as a bidimensional Brownian multistable system	PHYSICAL REVIEW E	Vol.87 No.6 pp.062711	Lorenzo Marcucci, 柳田 敏雄
2013/7/1	Fixational saccades reflect volitional action preparation	JOURNAL OF NEUROPHYSIOLOGY	Vol.110 No.2 pp.522-535	Masayuki Watanabe, Yuka Matsuo, Ling Zha, Douglas P. Munoz, 小林 康
2013/7/1	Brain activity during motor imagery of an action with an object: A functional magnetic resonance imaging study	NEUROSCIENCE RESEARCH	Vol.76 No.3 pp.150-155	水口 暢章, Hiroki Nakata, Takuji Hayashi, Masanori Sakamoto, Tetsuro Muraoka, Yusuke Uchida, Kazuyuki Kanosue
2013/7/15	High-performance implementation of in-network traffic pacing for small-buffer networks	COMPUTER COMMUNICATIONS	Vol.36 No.13 pp.1450-1459	Y. Sinan Hanay, Abhishek Dwaraki, Kekai Hu, Tilman Wolf
2013/8/1	Development of a generative model of magnetoencephalography noise that enables brain signal extraction from single-epoch data	MEDICAL & BIOLOGICAL ENGINEERING & COMPUTING	Vol.51 No.8 pp.937-951	Yutaka Uno, 天野 薫, Tsunehiro Takeda
2013/8/30	カタカナ単語読み上げの神経機構と発達性吃音成人の脳活動パタンの特徴	音声研究	Vol.17 No.2 pp.29-44	森 浩一, 蔡 暢, 岡崎 俊太郎, 岡田 美苗
2013/9/2	運動イメージにおける脳内機構 - リハビリテーションへの応用を目指して -	脳科学とリハビリテーション	No.13 pp.1-10	内藤 栄一, 水口 暢章, 上原 信太郎, 雨宮 薫
2013/9/12	Feeling the force: Returning haptic signals influence effort inference during motor coordination	SCIENTIFIC REPORTS	Vol.3 Article 2648 pp.1-7	Gowrishankar Ganesh, 大須 理英子, 内藤 栄一
2013/9/17	The Relationship between Self-Awareness of Attentional Status, Behavioral Performance and Oscillatory Brain Rhythms	PLOS ONE	Vol.8 No.9 e74962	山岸 典子, Stephen J. Anderson
2013/9/18	Subicular activation preceding hippocampal ripples in vitro	SCIENTIFIC REPORTS	Vol.3 Article 2696 pp.1-4	Hiroaki Norimoto, Nobuyoshi Matsumoto, Takeyuki Miyawaki, Norio Matsuki, 池谷 裕二
2013/10/1	Beyond V1: studying high-order stimulus selectivities of visual neurons	PSYCH JOURNAL	Vol.2 pp.69-70	大澤 五住, Kota S Sasaki
2013/10/1	Acoustic interaction between the right and left piriform fossae in generating spectral dips	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	Vol.134 No.4 pp.2955-2964	竹本 浩典, Seiji Adachi, Parham Mokhtari, Tatsuya Kitamura

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2013/10/1	Gap junctions facilitate propagation of synchronous firing in the cortical neural population: A numerical simulation study	NEURAL NETWORKS	Vol.46 pp.91-98	篠崎 隆志, 成瀬 康, Hideyuki Cateau
2013/10/1	Modulation of corticospinal excitability dependent upon imagined force level	EXPERIMENTAL BRAIN RESEARCH	Vol.230 No.2 pp.243-249	水口 暢章, Izumi Umehara, Hiroki Nakata, Kazuyuki Kanosue
2013/10/16	Functional Subdomains within Human FFA	THE JOURNAL OF NEUROSCIENCE	Vol.33 No.42 pp.16748-16766	Tolga Cukur, Alexander G. Huth, 西本 伸志, Jack L. Gallant
2013/10/16	Relationship between the Local Structure of Orientation Map and the Strength of Orientation Tuning of Neurons in Monkey V1: A 2-Photon Calcium Imaging Study	JOURNAL OF NEUROSCIENCE	Vol.33 No.42 pp.16818-16827	Koji Ikezoe, Yoshiya Mori, Kazuo Kitamura, 田村 弘, 藤田 一郎
2013/10/21	Human-related emotional stimuli can cause a hippocampal and thalamic over-response in people with unstable personalities	JOURNAL OF BEHAVIORAL AND BRAIN SCIENCE	Vol.3 No.7 pp.509-517	水野(松本)由子, 林 拓世, 岡本 永佳, 三輪 大輔, 浅川 徹也, 村松 歩, 加藤 誠, 村田 勉
2013/10/23	Imposed visual feedback delay of an action changes mass perception based on the sensory prediction error	FRONTIERS IN PSYCHOLOGY	Vol.4 Article 760 pp.1-6	Takuya Honda, 羽倉 信宏, Toshinori Yoshioka, 今水 寛
2013/10/23	Topographic Representation of an Occluded Object and the Effects of Spatiotemporal Context in Human Early Visual Areas	JOURNAL OF NEUROSCIENCE	Vol.33 No.43 pp.16992-17007	番 浩志, Hiroki Yamamoto, Takashi Hanakawa, Shin-ichi Urayama, Toshihiko Aso, Hidenao Fukuyama, Yoshimichi Ejima
2013/11/1	Dread and the Disvalue of Future Pain	PLOS COMPUTATIONAL BIOLOGY	Vol.9 No.11 e1003335	Giles W. Story, Ivaylo Vlaev, Ben Seymour, Joel S. Winston, Ara Darzi, Raymond J. Dolan
2013/11/1	Activation of efferents from the basolateral amygdala during the retrieval of conditioned taste aversion	NEUROBIOLOGY OF LEARNING AND MEMORY	Vol.106 pp.210-220	乾 賢, 乾 千珠子, 吉岡 芳親, 大澤 五住, Tsuyoshi Shimura
2013/11/1	On the Topological Changes of Brain Functional Networks under Priming and Ambiguity	IEICE TRANSACTIONS ON COMMUNICATIONS	Vol.E96B No.11 pp.2741-2748	Kenji Leibnitz, 下川 哲也, 井原 綾, 藤巻 則夫, Ferdinand Peper
2013/11/10	Noise-Assisted Concurrent Multipath Traffic Distribution in Ad Hoc Networks	SCIENTIFIC WORLD JOURNAL	Vol.2013 Article 543718 pp.1-10	Narun Asvarujanon, Kenji Leibnitz, 若宮 直紀, 村田 正幸
2013/11/15	Self-adaptive self-reproductions in cellular automata	PHYSICA D-NONLINEAR PHENOMENA	Vol.263 pp.11-20	Xin Huang, 李 佳, Tian-Hao Sun, Ferdinand Peper
2013/11/26	Temporal channels and disparity representations in stereoscopic depth perception	JOURNAL OF VISION	Vol.13 No.13 Article 26 pp.1-25	Takahiro Doi, Maki Takano, 藤田 一郎
2013/12/10	Punishment-based decision making	FRONTIERS IN NEUROSCIENCE	Vol.7 Article 236 pp.1-2	Jean-Claude Dreher, Ben Seymour, Philippe N. Tobler
2013/12/18	Activity in early visual areas predicts interindividual differences in binocular rivalry dynamics	JOURNAL OF NEUROPHYSIOLOGY	Vol.111 pp.1190-1202	山城 博幸, 山本 洋紀, 眞野 博彰, 梅田 雅宏, 樋口 敏宏, 齋木 潤
2014/1/1	感情による和音認知の差異に関する研究	電子情報通信学会論文誌 D	Vol.97 No.1 pp.189-191	川原 靖弘, 片桐 祥雅
2014/1/1	ブロンディ産生と前頭 - 基幹脳活動との関係	電子情報通信学会論文誌 D	Vol.97 No.1 pp.126-134	今井 絵美子, 片桐 祥雅, 関 啓子, 川又 敏男
2014/1/1	Interaction between simultaneous contraction and relaxation in different limbs	EXPERIMENTAL BRAIN RESEARCH	Vol.232 No.1 pp.181-189	Kouki Kato, Tetsuro Muraoka, Takatoshi Higuchi, 水口 暢章, Kazuyuki Kanosue
2014/1/1	Subliminal Semantic Priming Changes the Dynamic Causal Influence between the Left Frontal and Temporal Cortex	JOURNAL OF COGNITIVE NEUROSCIENCE	Vol.26 No.1 pp.165-174	松本 敦, Ryusuke Kakigi
2014/1/13	Brain Response to Aversive Taste for Investigating Taste Preference	JOURNAL OF BEHAVIORAL AND BRAIN SCIENCE	Vol.4 No.1 pp.43-48	Chenghong Hu, 片桐 祥雅, Yoshiko Kato, Zhiwei Luo
2014/1/14	Embodied social interaction constitutes social cognition in pairs of humans: A minimalist virtual reality experiment	SCIENTIFIC REPORTS	Vol.4 Article 3672 pp.1-10	Tom Froese, 飯塚 博幸, Takashi Ikegami
2014/1/23	Two is better than one: Physical interactions improve motor performance in humans	SCIENTIFIC REPORTS	Vol.4 Article 3824 pp.1-7	Gowrishankar Ganesh, Atsushi Takagi, 大須 理英子, 吉岡 利福, 川人 光男, Etienne Burdet
2014/1/25	僅かに長い間(ま), または自然な間(ま)のある話を傾聴している時の脳活動の差異: MEG・MRI 情報からの活動源の推定	電子情報通信学会技術研究報告・HCS, ヒューマンコミュニケーション基礎	Vol.113 No.426 pp.21-26	善本 淳, 水上 悦雄, 柏岡 秀紀, 成瀬 康

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2014/2/1	Consensus Paper: The Cerebellum's Role in Movement and Cognition	CEREBELLUM	Vol.13 No.1 pp.151-177	Leonard F. Koziol, Deborah Budding, Nancy Andreasen, Stefano D'Arrigo, Sara Bulgheroni, 今水 寛, Masao Ito, Mario Manto, Cherie Marvel, Krystal Parker, Giovanni Pezzulo, Narender Ramnani, Daria Riva, Jeremy Schmahmann, Larry Vandervert, Tadashi Yamazaki
2014/2/5	Decisions about Decisions	NEURON	Vol.81 No.3 pp.468-470	吉田 和子, Ben Seymour
2014/2/26	fMRI evidence of improved visual function in patients with progressive retinitis pigmentosa by eye-movement training	NEUROIMAGE-CLINICAL	Vol.5 pp.161-168	Masako Yoshida, Maki Origuchi, Shin-ichi Urayama, Akira Takatsuki, 寒 重之, Toshihiko Aso, Takayuki Shiose, Nobukatsu Sawamoto, 宮内 哲, Hidenao Fukuyama, Akitoshi Seiyama
2014/3/12	Does temporal discounting explain unhealthy behavior? A systematic review and reinforcement learning perspective	FRONTIERS IN BEHAVIORAL NEUROSCIENCE	Vol.8 Article 76 pp.1-20	Giles W. Story, Ivo Vlaev, Ben Seymour, Ara Darzi, Raymond J. Dolan
2014/3/24	Mobility Tolerant Firework Routing for Improving Reachability in MANETs	FUTURE INTERNET	Vol.6 No.1 pp.171-189	Gen Motoyoshi, Kenji Leibnitz, 村田 正幸
2014/3/26	Molecular Machines Like Myosin Use Randomness to Behave Predictably	CHEMICAL REVIEWS	Vol.114 No.6 pp.3318-3334	Peter Karagiannis, Yoshiharu Ishii, 柳田 敏雄
2014/3/31	多発性硬化症モデルマウス下位腰髄における急性期病態変化の評価	日本磁気共鳴医学会雑誌	Vol.34 No.3 pp.96-99	森 勇樹, 村上 正晃, 有馬 康伸, 朱 大松, 吉岡 芳親
2014/4/1	ヒトの身体図式の脳内表現と身体的自己意識	BRAIN AND NERVE - 神経研究の進歩	Vol.66 No.4 pp.367-380	内藤 栄一, 守田 知代
2014/4/1	Neural representation of human body schema and corporeal self-consciousness	BRAIN AND NERVE - 神経研究の進歩	Vol.66 No.4 pp.367-380	内藤 栄一, 守田 知代
2014/4/1	Unbalanced excitability underlies offline reactivation of behaviorally activated neurons	NATURE NEUROSCIENCE	Vol.17 No.4 pp.503-505	Mika Mizunuma, Hiroaki Norimoto, Kentaro Tao, Takahiro Egawa, Kenjiro Hanaoka, Tetsuya Sakaguchi, Hiroyuki Hioki, Takeshi Kaneko, Shun Yamaguchi, Tetsuo Nagano, Norio Matsuki, 池谷 裕二
2014/4/2	Operant Conditioning of Synaptic and Spiking Activity Patterns in Single Hippocampal Neurons	JOURNAL OF NEUROSCIENCE	Vol.34 No.14 pp.5044-5053	Daisuke Ishikawa, Nobuyoshi Matsumoto, Tetsuya Sakaguchi, Norio Matsuki, 池谷 裕二
2014/4/15	人工膝関節置換術後患者における術創部周囲の皮膚可動性	理学療法学	Vol.41 No.6 pp.378-383	荒川 武士, 上原 信太郎, 山口 智史, 伊藤 克浩
2014/4/23	Fear extinction requires Arc/Arg3.1 expression in the basolateral amygdala	MOLECULAR BRAIN	Vol.7 Article 30 doi:10.1186/1756-6606-7-30.	Kousuke Onoue, Daisuke Nakayama, 池谷 裕二, Norio Matsuki, Hiroshi Nomura
2014/5/1	A Network Representation of First-Order Logic That Uses Token Evolution for Inference	JOURNAL OF INFORMATION SCIENCE AND ENGINEERING	Vol.30 No.3 pp.669-686	鈴木 秀明, Miki Yoshida, Hidefumi Sawai
2014/5/1	The neural signature of escalating frustration in humans	CORTEX	Vol.54 pp.165-178	Rongjun Yu, Dean Mobbs, Ben Seymour, James B. Rowe, Andrew J. Calder
2014/5/1	Enhanced heat shock protein 25 immunoreactivity in cranial nerve motoneurons and their related fiber tracts in rats prenatally-exposed to X-irradiation	CONGENITAL ANOMALIES	Vol.54 No.2 pp.87-93	Kazuhiro Sawada, 齋藤 茂芳, Miwa Horiuchi-Hirose, 村瀬 研也
2014/5/1	Decoding the matrix: Benefits and limitations of applying machine learning algorithms to pain neuroimaging	PAIN	Vol.155 No.5 pp.864-867	Maria Joao Rosa, Ben Seymour
2014/5/5	Multisensory and modality specific processing of visual speech in different regions of the premotor cortex	FRONTIERS IN PSYCHOLOGY	Vol.5 Article 389 pp.1-10	Daniel E Callan, Jeffery A Jones, カラン 明子
2014/5/7	Large-scale imaging of subcellular calcium dynamics of cortical neurons with G-CaMP6-actin	NEUROREPORT	Vol.25 No.7 pp.501-506	Chiaki Kobayashi, Masamichi Ohkura, Junichi Nakai, Norio Matsuki, 池谷 裕二, Takuya Sasaki
2014/5/13	Classification of Self-Driven Mental Tasks from Whole-Brain Activity Patterns	PLOS ONE	Vol.9 No.5 e97296	Norberto Eiji Nawa, 安藤 広志
2014/5/30	Revealing Time-Unlocked Brain Activity from MEG Measurements by Common Waveform Estimation	PLOS ONE	Vol.9 No.5 e98014	Yusuke Takeda, Kentaro Yamanaka, 山岸 典子, Masa-aki Sato

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2014/6/1	Interneuron firing precedes sequential activation of neuronal ensembles in hippocampal slices	EUROPEAN JOURNAL OF NEUROSCIENCE	Vol.39 No.12 pp.2027-2036	Takuya Sasaki, Norio Matsuki, 池谷 裕二
2014/6/1	Fixational saccades alter the gap effect	EUROPEAN JOURNAL OF NEUROSCIENCE	Vol.39 No.12 pp.2098-2106	Masayuki Watanabe, Yuka Matsuo, Ling Zha, Michael R. MacAskill, 小林 康
2014/6/1	Efficiency of a "Small-World" Brain Network Depends on Consciousness Level: A Resting-State fMRI Study	CEREBRAL CORTEX	Vol.24 No.6 pp.1529-1539	Taira Uehara, Takao Yamasaki, Tsuyoshi Okamoto, Takahiko Koike, 寒 重之, 宮内 哲, Jun-ichi Kira, Shozo Tobimatsu
2014/6/5	脳と情報ネットワークの横断的研究	日本神経回路学会誌	Vol.21 No.2 pp.57-63	下川 哲也, Leibnitz Kenji, Peper Ferdinand
2014/6/6	A Tool for Classifying Individuals with Chronic Back Pain: Using Multivariate Pattern Analysis with Functional Magnetic Resonance Imaging Data	PLOS ONE	Vol.9 No.6 e98007	Daniel Callan, Lloyd Mills, Connie Nott, Robert England, Shaun England
2014/6/20	NEURAL PROCESSES IN PSEUDO PERCEPTUAL RIVALRY: AN ERP AND TIME-FREQUENCY APPROACH	NEUROSCIENCE	Vol.271 pp.35-44	横田 悠右, Tetsuto Minami, 成瀬 康, Shigeki Nakauchi
2014/7/1	Astrocyte calcium signalling orchestrates neuronal synchronization in organotypic hippocampal slices	JOURNAL OF PHYSIOLOGY-LONDON	Vol.592 No.13 pp.2771-2783	Takuya Sasaki, Tomoe Ishikawa, Reimi Abe, Ryota Nakayama, Akiko Asada, Norio Matsuki, 池谷 裕二
2014/7/1	Immediate tool incorporation processes determine human motor planning with tools	NATURE COMMUNICATIONS	Vol.5 Article 4524 pp.1-11	Gowrishankar Ganesh, 吉岡 利福, 大須 理英子, 池上 剛
2014/7/9	Synaptic Plasticity Associated with a Memory Engram in the Basolateral Amygdala	JOURNAL OF NEUROSCIENCE	Vol.34 No.28 pp.9305-9309	Ayako Nonaka, Takeshi Toyoda, Yuki Miura, Natsuko Hitora-Imamura, Masamitsu Naka, Megumi Eguchi, Shun Yamaguchi, 池谷 裕二, Norio Matsuki, Hiroshi Nomura
2014/7/15	State-dependent value representation: evidence from the striatum	FRONTIERS IN NEUROSCIENCE	Vol.8 Article 193 pp.1-3	Christopher J. Burke, Jean-Claude Dreher, Ben Seymour, Philippe N. Tobler
2014/7/24	Aftereffect of motion-in-depth based on binocular cues: Effects of adaptation duration, interocular correlation, and temporal correlation	JOURNAL OF VISION	Vol.14 No.8 Article 21 pp.1-14	坂野 雄一, Robert S. Allison
2014/7/29	Radiotherapy treatment planning with contrast-enhanced computed tomography: feasibility of dual-energy virtual unenhanced imaging for improved dose calculations	RADIATION ONCOLOGY	Vol.9 No.168 pp.1-10	Sachiko Yamada, 上口 貴志, Toshiyuki Ogata, Hirokazu Mizuno, Ryota Ogihara, Masahiko Koizumi, Takeshi Shimazu, 村瀬 研也, Kazuhiko Ogawa
2014/8/1	Fixational saccade-related activity of pedunclopontine tegmental nucleus neurons in behaving monkeys	EUROPEAN JOURNAL OF NEUROSCIENCE	Vol.40 No.4 pp.2641-2651	岡田 研一, 小林 康
2014/8/1	Efficient foot motor control by Neymar's brain	FRONTIERS IN HUMAN NEUROSCIENCE	Vol.8 Article 594 pp.1-7	内藤 栄一, 廣瀬 智士
2014/8/1	Activity in the Nucleus Accumbens and Amygdala Underlies Individual Differences in Prosocial and Individualistic Economic Choices	JOURNAL OF COGNITIVE NEUROSCIENCE	Vol.26 No.8 pp.1861-1870	春野 雅彦, 木村 實, Christopher D. Frith
2014/8/4	Dopamine Receptor Activation Reorganizes Neuronal Ensembles during Hippocampal Sharp Waves In Vitro	PLOS ONE	Vol.9 No.8 e104438	Takeyuki Miyawaki, Hiroaki Norimoto, Tomoe Ishikawa, Yusuke Watanabe, Norio Matsuki, 池谷 裕二
2014/8/5	Brain-machine interfacing control of whole-body humanoid motion	FRONTIERS IN SYSTEMS NEUROSCIENCE	Vol.8 Article 138 pp.1-10	Karim Bouyarmane, Joris Vaillant, 杉本 徳和, Francois Keith, Junichiro Furukawa, Jun Morimoto
2014/8/12	Pyramidal cell development: postnatal spinogenesis, dendritic growth, axon growth, and electrophysiology	FRONTIERS IN NEUROANATOMY	Vol.8 Article 78 pp.1-20	Guy N. Elston, 藤田 一郎
2014/8/12	The habenula encodes negative motivational value associated with primary punishment in humans	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	Vol.111 No.32 pp.11858-11863	Rebecca P. Lawson, Ben Seymour, Eleanor Loh, Antoine Lutti, Raymond J. Dolan, Peter Dayan, Nikolaus Weiskopf, Jonathan P. Roiser
2014/9/1	Different impressions of other agents obtained through social interaction uniquely modulate dorsal and ventral pathway activities in the social human brain	CORTEX	Vol.58 pp.289-300	高橋 英之, Kazunori Terada, 守田 知代, Shinsuke Suzuki, Tomoki Haji, Hideki Kozima, Masahiro Yoshikawa, Yoshio Matsumoto, Takashi Omori, 浅田 稔, 内藤 栄一
2014/9/1	Accuracy of Estimating Strengths of Dipole Moments from a Small Number of Magnetoencephalographic Trial Data	BRAIN TOPOGRAPHY	Vol.27 No.5 pp.635-647	Norio Fujimaki, Yasushi Terazono, 井原 綾, 早川 友恵, Ayumu Matani, 梅原 広明

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2014/9/1	Network-dependent modulation of brain activity during sleep	NEUROIMAGE	Vol.98 pp.1-10	Takamitsu Watanabe, 寒重之, Takahiko Koike, Masaya Misaki, Seiki Konishi, 宮内 哲, Yasushi Miyahisa, Naoki Masuda
2014/9/1	Human cortical areas involved in perception of surface glossiness	NEUROIMAGE	Vol.98 pp.243-257	和田 充史, 坂野 雄一, 安藤 広志
2014/9/1	Cerebral cortical hypoplasia with abnormal morphology of pyramidal neuron in growth-retarded mouse (grt/grt)	ACTA NEUROBIOLOGIAE EXPERIMENTALIS	Vol.74 No.3 pp.242-256	Miwa Horiuchi-Hirose, 齋藤 茂芳, Chika Sato, Junya Aoyama, Tetsuya Kobayashi, Kazuhiko Sawada
2014/9/3	Speech motor brain regions are differentially recruited during perception of native and foreign-accented phonemes for first and second language listeners	FRONTIERS IN NEUROSCIENCE	Vol.8 Article 275 pp.1-15	Daniel Callan, カラン 明子, Jeffery A. Jones
2014/9/9	Diffusion Tensor Imaging of Brain Abnormalities Induced by Prenatal Exposure to Radiation in Rodents	PLOS ONE	Vol.9 No.9 e107368	齋藤 茂芳, Kazuhiko Sawada, Miwa Hirose, 森 勇樹, 吉岡 芳親, 村瀬 研也
2014/9/10	Functional Modulation of Corticospinal Excitability with Adaptation of Wrist Movements to Novel Dynamical Environments	JOURNAL OF NEUROSCIENCE	Vol.34 No.37 pp.12415-12424	Hiroshi Kadota, 平島 雅也, Daichi Nozaki
2014/9/10	Sound-induced hyperpolarization of hippocampal neurons	NEUROREPORT	Vol.25 No.13 pp.1013-1017	Reimi Abe, Tetsuya Sakaguchi, Nobuyoshi Matsumoto, Norio Matsuki, 池谷 裕二
2014/9/22	Technology for Chronic Pain	CURRENT BIOLOGY	Vol.24 No.18 pp.R930-R935	Suyi Zhang, Ben Seymour
2014/10/1	ビジュアルレビュー：MRI 免疫イメージング	感染・炎症・免疫	Vol.44 No.3 pp.229-238	森 勇樹, 陳 挺, 吉岡 芳親
2014/10/1	Reconstruction of intracortical whisker-evoked local field potential from electrocorticogram using a model trained for spontaneous activity in the rat barrel cortex	NEUROSCIENCE RESEARCH	Vol.87 pp.40-48	Hidenori Watanabe, Tomoya Sakatani, 鈴木 隆文, Masa-aki Sato, Yukio Nishimura, Atsushi Nambu, 川人 光男, Tadashi Isa
2014/10/1	Dissociation in accessing space and number representations in pathologic pain patients	BRAIN AND COGNITION	Vol.90 pp.151-156	Masahiko Sumitani, Masaya Misaki, Shinichiro Kumagaya, Toru Ogata, Yoshitsugu Yamada, 宮内 哲
2014/10/8	Early Monocular Defocus Disrupts the Normal Development of Receptive-Field Structure in V2 Neurons of Macaque Monkeys	JOURNAL OF NEUROSCIENCE	Vol.34 No.41 pp.13840-13854	Xiaofeng Tao, Bin Zhang, Guofu Shen, Janice Wensveen, Earl L. Smith, 西本 伸志, 大澤 五住, Yuzo M. Chino
2014/10/15	Cross-matching: a modified cross-correlation underlying threshold energy model and match-based depth perception	FRONTIERS IN COMPUTATIONAL NEUROSCIENCE	Vol.8 Article 127 pp.1-15	Takahiro Doi, 藤田 一郎
2014/10/18	Foraging optimization in swarm robotic systems based on an adaptive response threshold model	ADVANCED ROBOTICS	Vol.28 No.20 pp.1343-1356	Eduardo Castello, 山本 知幸, 中村 泰, 石黒 浩
2014/10/24	Unconscious learning of auditory discrimination using mismatch negativity (MMN) neurofeedback	SCIENTIFIC REPORTS	Vol.4 Article 6729 pp.1-5	常 明, Hiroyuki Iizuka, 成瀬 康, 安藤 英由樹, 前田 太郎
2014/10/29	Relative Valuation of Pain in Human Orbitofrontal Cortex	JOURNAL OF NEUROSCIENCE	Vol.34 No.44 pp.14526-14535	Joel S. Winston, Ivo Vlaev, Ben Seymour, Nick Chater, Raymond J. Dolan
2014/11/1	Single molecule imaging expanded to macroscopic level by computer simulation	MICROSCOPY	Vol.63 No.6 pp.1026-1033	柳田 敏雄
2014/11/1	Ex vivo cultured neuronal networks emit in vivo-like spontaneous activity	JOURNAL OF PHYSIOLOGICAL SCIENCES	Vol.64 No.6 pp.421-431	Kazuki Okamoto, Tomoe Ishikawa, Reimi Abe, Daisuke Ishikawa, Chiaki Kobayashi, Mika Mizunuma, Hiroaki Norimoto, Norio Matsuki, 池谷 裕二
2014/11/11	Watching novice action degrades expert motor performance: Causation between action production and outcome prediction of observed actions by humans	SCIENTIFIC REPORTS	Vol.4 Article 6989 pp.1-7	池上 剛, Gowrishankar Ganesh
2014/11/11	From cartoon to real time MRI: in vivo monitoring of phagocyte migration in mouse brain	SCIENTIFIC REPORTS	Vol.4 Article 6997 pp.1-7	森 勇樹, Ting Chen, Tetsuya Fujisawa, Syoji Kobashi, Kohji Ohno, Shinichi Yoshida, Yoshiyuki Tago, Yutaka Komai, Yutaka Hata, 吉岡 芳親
2014/11/13	A Statistical Method of Identifying Interactions in Neuron-Glia Systems Based on Functional Multicell Ca2+Imaging	PLOS COMPUTATIONAL BIOLOGY	Vol.10 No.11 e1003949	Ken Nakae, 池谷 裕二, Tomoe Ishikawa, Shigeyuki Oba, Hidetoshi Urakubo, Masanori Koyama, Shin Ishii
2014/11/20	Hierarchical Bayesian Model for Diffuse Optical Tomography of the Human Brain: Human Experimental Study	JOURNAL OF ADVANCED COMPUTATIONAL INTELLIGENCE AND INTELLIGENT INFORMATICS	Vol.18 No.6 pp.1026-1033	山下 宙人, Takeaki Shimokawa, Takashi Kosaka, Takashi Amita, Yoshihiro Inoue, Masa-aki Sato
2014/11/28	A short-wavelength infrared emitting multimodal probe for non-invasive visualization of phagocyte cell migration in living mice	CHEMICAL COMMUNICATIONS	Vol.50 No.92 pp.14356-14359	Y. Tsukasaki, A. Komatsuzaki, 森 勇樹, Q. Ma, 吉岡 芳親, T. Jin

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2014/12/1	Neural Processes Distinguishing Elite from Expert and Novice Athletes	COGNITIVE AND BEHAVIORAL NEUROLOGY	Vol.27 No.4 pp.183-188	Daniel E. Callan, 内藤 栄一
2014/12/3	Sound-induced modulation of hippocampal θ oscillations	NEUROREPORT	Vol.25 No.17 pp.1368-1374	Reimi Abe, Tetsuya Sakaguchi, Keiichi Kitajo, Daisuke Ishikawa, Nobuyoshi Matsumoto, Norio Matsuki, 池谷 裕二
2014/12/3	Task dependency of the long-latency facilitatory effect on the soleus H-reflex by cerebellar transcranial magnetic stimulation θ	NEUROREPORT	Vol.25 No.17 pp.1375-1380	Akiyoshi Matsugi, Nobuhiko Mori, 上原 信太郎, Noriyuki Kamata, Kosuke Oku, Kouichi Mukai, Kiyoshi Nagano
2014/12/26	Stochastic Process Underlying Emergent Recognition of Visual Objects Hidden in Degraded Images	PLOS ONE	Vol.9 No.12 e115658	村田 勉, Takashi Hamada, 下川 哲也, Manabu Tanifuji, 柳田 敏雄
2015/1/1	Factors affecting the chemical exchange saturation transfer of Creatine as assessed by 11.7 T MRI	RADIOLOGICAL PHYSICS AND TECHNOLOGY	Vol.8 No.1 pp.146-152	齋藤 茂芳, 森 勇樹, Nobuyoshi Tanki, 吉岡 芳親, 村瀬 研也
2015/1/1	Pain: A Distributed Brain Information Network?	PLOS BIOLOGY	Vol.13 No.1 e1002037	眞野 博彰, Ben Seymour
2015/1/1	Prospective errors determine motor learning	NATURE COMMUNICATIONS	Vol.6 Article 5925 pp.1-12	Ken Takiyama, 平島 雅也, Daichi Nozaki
2015/1/1	The role of handedness-dependent sensorimotor experience in the development of mirroring	NEUROSCIENCE LETTERS	Vol.584 pp.119-122	Hirota Mori, Shinji Yamamoto, Tsuyoshi Aihara, 上原 信太郎
2015/1/1	Three timescales in prism adaptation	JOURNAL OF NEUROPHYSIOLOGY	Vol.113 No.1 pp.328-338	井上 雅仁, Motoaki Uchimura, Ayaka Karibe, Jacinta O'Shea, Yves Rossetti, 北澤 茂
2015/1/1	Facilitated Lexical Ambiguity Processing by Transcranial Direct Current Stimulation over the Left Inferior Frontal Cortex	JOURNAL OF COGNITIVE NEUROSCIENCE	Vol.27 No.1 pp.26-34	井原 綾, Takanori Mimura, 曾雌 崇弘, 依藤 史郎, 平田 雅之, Tetsu Goto, Toshiki Yoshinime, 梅原 広明, 藤巻 則夫
2015/1/5	Predicting learning plateau of working memory from whole-brain intrinsic network connectivity patterns	SCIENTIFIC REPORTS	Vol.5 Article 7622 pp.1-8	Masahiro Yamashita, 川人 光男, 今水 寛
2015/1/5	Frontal Association Cortex Is Engaged in Stimulus Integration during Associative Learning	CURRENT BIOLOGY	Vol.25 No.1 pp.117-123	Daisuke Nakayama, Zohal Baraki, Kousuke Onoue, 池谷 裕二, Norio Matsuki, Hiroshi Nomura
2015/1/14	Long-Delayed Expression of the Immediate Early Gene Arc/Arg3.1 Refines Neuronal Circuits to Perpetuate Fear Memory	JOURNAL OF NEUROSCIENCE	Vol.35 No.2 pp.819-830	Daisuke Nakayama, Hirokazu Iwata, Chie Teshirogi, 池谷 裕二, Norio Matsuki, Hiroshi Nomura
2015/1/15	An empirical solution for over-pruning with a novel ensemble-learning method for fMRI decoding	JOURNAL OF NEUROSCIENCE METHODS	Vol.239 pp.238-245	廣瀬 智士, Isao Nambu, 内藤 栄一
2015/1/15	MEG source reconstruction based on identification of directed source interactions on whole-brain anatomical networks	NEUROIMAGE	Vol.105 pp.408-427	福嶋 誠, 山下 宙人, Thomas R. Knoesche, Masa-aki Sato
2015/1/19	A model of face selection in viewing video stories	SCIENTIFIC REPORTS	Vol.4 Article 7666 pp.1-11	Yuki Suda, 北澤 茂
2015/1/27	New human-specific brain landmark: The depth asymmetry of superior temporal sulcus	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	Vol.112 No.4 pp.1208-1213	Francois Leroy, Qing Cai, Stephanie L. Bogart, Jessica Dubois, Olivier Coulon, Karla Monzalvo, Clara Fischer, Herve Glasel, Lise Van der Haegen, Audrey Benezita, Ching-Po Lin, David N. Kennedy, 井原 綾, Lucie Hertz-Pannier, Marie-Laure Moutard, Cyril Poupon, Marc Brysbaert, Neil Roberts, William D. Hopkins, Jean-Francois Mangin, Ghislaine Dehaene-Lambertz
2015/2/1	Brain volumetry: A quantitative approach for detecting region-specific structural abnormalities	CONGENITAL ANOMALIES	Vol.55 No.1 pp.71-72	Kazuhiro Sawada, 齋藤 茂芳, Miwa Horiuchi-Hirose, Chika Sato, Junya Aoyama, Tetsuya Kobayashi
2015/2/1	Phase shifts in alpha-frequency rhythm detected in electroencephalograms influence reaction time	NEURAL NETWORKS	Vol.62 pp.47-51	成瀬 康, Ken Takiyama, 岡田 真人, 梅原 広明, Yutaka Sakaguchi
2015/2/1	Frequency and amplitude estimation of the first peak of head-related transfer functions from individual pinna anthropometry	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	Vol.137 No.2 pp.690-701	Parham Mokhtari, 竹本 浩典, Ryouichi Nishimura, Hiroaki Kato
2015/2/1	Brain volumetry: A quantitative approach for detecting region-specific structural abnormalities	CONGENITAL ANOMALIES	Vol.55 No.1 pp.71-72	Kazuhiro Sawada, 齋藤 茂芳, Miwa Horiuchi-Hirose, Chika Sato, Junya Aoyama, Tetsuya Kobayashi

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2015/2/6	Art Expertise Reduces Influence of Visual Saliency on Fixation in Viewing Abstract-Paintings	PLOS ONE	Vol.10 No.2 e0117696	Naoko Koide, Takatomi Kubo, 西田 知史, Tomohiro Shibata, Kazushi Ikeda
2015/2/11	Effect of cerebellar transcranial magnetic stimulation on soleus Ia presynaptic and reciprocal inhibition	NEUROREPORT	Vol.26 No.3 pp.139-143	Akiyoshi Matsugi, Nobuhiko Mori, 上原 信太郎, Noriyuki Kamata, Kosuke Oku, Yohei Okada, Yutaka Kikuchi, Kouichi Mukai, Kiyoshi Nagano
2015/2/11	Base-Complexity Classifications of QCB(0)-Spaces	EVOLVING COMPUTABILITY	Vol.9136 pp.156-166	Matthew de Brecht, Matthias Schröder, Victor Selivanov
2015/2/16	Effects of subconscious and conscious emotions on human cue-reward association learning	SCIENTIFIC REPORTS	Vol.5 Article 8478 pp.1-6	渡邊 言也, 春野 雅彦
2015/2/17	Classification of single-trial auditory events using dry-wireless EEG during real and motion simulated flight	FRONTIERS IN SYSTEMS NEUROSCIENCE	Vol.9 Article 11 pp.1-12	Daniel E. Callan, Gautier Durantin, Cengiz Terzibas
2015/2/18	7 Tesla fMRI Reveals Systematic Functional Organization for Binocular Disparity in Dorsal Visual Cortex	JOURNAL OF NEUROSCIENCE	Vol.35 No.7 pp.3056-3072	Nuno R. Goncalves, 番 浩志, Rosa M. Sanchez-Panchuelo, Susan T. Francis, Denis Schluppeck, Andrew E. Welchman
2015/2/25	Selective Increase of Intention-Based Economic Decisions by Noninvasive Brain Stimulation to the Dorsolateral Prefrontal Cortex	JOURNAL OF NEUROSCIENCE	Vol.35 No.8 pp.3412-3419	二本杉 剛, 井原 綾, 春野 雅彦
2015/3/1	Adaptive TTL Control to Minimize Resource Cost in Hierarchical Caching Networks	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	Vol.E98D No.3 pp.565-577	Satoshi Imai, Kenji Leibnitz, 村田 正幸
2015/3/1	Improved Resilience through Extended KVS-Based Messaging System	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	Vol.E98D No.3 pp.578-587	Masafumi Kinoshita, Osamu Takada, Izumi Mizutani, Takafumi Koike, Kenji Leibnitz, 村田 正幸
2015/3/1	Anticipation and Choice Heuristics in the Dynamic Consumption of Pain Relief	PLOS COMPUTATIONAL BIOLOGY	Vol.11 No.3 e1004030	Giles W. Story, Ivo Vlaev, Peter Dayan, Ben Seymour, Ara Darzi, Raymond J. Dolan
2015/3/1	Temporospatial identification of language-related cortical function by a combination of transcranial magnetic stimulation and magnetoencephalography	BRAIN AND BEHAVIOR	Vol.5 No.3 e00317	Misako Shinshi, 柳澤 琢史, 平田 雅之, Tetsu Goto, 菅田 陽伶, Toshihiko Araki, Yumiko Okamura, Yuka Hasegawa, 井原 綾, 依藤 史郎
2015/3/4	Asymmetrical intersection between the middle cerebral artery and rhinal vein suggests asymmetrical gustatory cortex location in rodent hemispheres	NEUROSCIENCE LETTERS	Vol.589 pp.150-152	黄田 育宏, Jun-ichiro Enmi, Hidehiro Iida, 吉岡 芳親
2015/3/5	Involvement of the left insula in the ecological validity of the human voice	SCIENTIFIC REPORTS	Vol.5 Article 8799 pp.1-7	Yuri Tamura, Shinji Kuriki, 中野 珠実
2015/3/30	Functional MRI neurofeedback training on connectivity between two regions induces long-lasting changes in intrinsic functional network	FRONTIERS IN HUMAN NEUROSCIENCE	Vol.9 Article 160 pp.1-14	Fukuda Megumi, Ayumu Yamashita, 川人 光男, 今水 寛
2015/4/1	fMRI evidence for areas that process surface gloss in the human visual cortex	VISION RESEARCH	Vol.109 pp.149-157	Hua-Chun Sun, 番 浩志, Massimiliano Di Luca, Andrew E. Welchman
2015/4/1	Local Heat Activation of Single Myosins Based on Optical Trapping of Gold Nanoparticles	NANO LETTERS	Vol.15 No.4 pp.2456-2461	Mitsuhiro Iwaki, Atsuko H. Iwane, Keigo Ikezaki, 柳田 敏雄
2015/4/1	Spinal Cord Stimulation Ameliorates Neuropathic Pain-Related Sleep Disorders: A Case Series	NEUROMODULATION	Vol.18 No.3 pp.191-193	Maiko Obuchi, Masahiko Sumitani, Masahiro Shin, Kazuhiko Ishii, Takamichi Kogure, 宮内 哲, Yoshitsugu Yamada
2015/4/1	MEG source reconstruction based on identification of directed source interactions on whole-brain anatomical networks (vol 105, pg 408, 2015)	NEUROIMAGE	Vol.109 pp.529-529	福嶋 誠, 山下 宙人, Thomas R. Knoesche, Masa-aki Sato
2015/4/15	Network topology selection with multistate neural memories	EXPERT SYSTEMS WITH APPLICATIONS	Vol.42 No.6 pp.3219-3226	Y. Sinan Hanay, Shin'ichi Arakawa, 村田 正幸
2015/4/20	Visual Cortical Prosthesis with a Geomagnetic Compass Restores Spatial Navigation in Blind Rats	CURRENT BIOLOGY	Vol.25 No.8 pp.1091-1095	Hiroaki Norimoto, 池谷 裕二
2015/4/21	Modulating the pain network—neurostimulation for central poststroke pain	NATURE REVIEWS NEUROLOGY	Vol.11 pp.290-299	細見 晃一, Ben Seymour, 齋藤 洋一
2015/4/28	Simultaneous silence organizes structured higher-order interactions in neural populations	SCIENTIFIC REPORTS	Vol.5 Article 9821 pp.1-11	Hideaki Shimazaki, Kolia Sadeghi, Tomoe Ishikawa, 池谷 裕二, Taro Toyoizumi

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2015/5/1	Brightness masking is modulated by disparity structure	VISION RESEARCH	Vol.110 pp.87-92	Vassilis Pelekanos, 番 浩志, Andrew E. Welchman
2015/5/1	Brain and arterial abnormalities following prenatal X-ray irradiation in mice assessed by magnetic resonance imaging and angiography	CONGENITAL ANOMALIES	Vol.55 No.2 pp.103-106	齋藤 茂芳, Kazuhiko Sawada, 森 勇樹, 吉岡 芳親, 村瀬 研也
2015/5/1	Artificial Proprioceptive Feedback for Myoelectric Control	IEEE TRANSACTIONS ON NEURAL SYSTEMS AND REHABILITATION ENGINEERING	Vol.23 No.3 pp.498-507	Tobias Pistoohl, Deepak Joshi, Gowrishankar Ganesh, Andrew Jackson, Kianoush Nazarpour
2015/5/6	Sexual dimorphism of sulcal morphology of the ferret cerebrum revealed by MRI-based sulcal surface morphometry	FRONTIERS IN NEUROANATOMY	Vol.9 Article 55 pp.1-14	Kazuhiko Sawada, Miwa Horiuchi-Hirose, 齋藤 茂芳, Ichio Aoki
2015/5/11	Four-pole galvanic vestibular stimulation causes body sway about three axes	SCIENTIFIC REPORTS	Vol.5 Article 10168 pp.1-8	Kazuma Aoyama, Hiroyuki Iizuka, 安藤 英由樹, 前田 太郎
2015/5/21	Segmental Bayesian estimation of gap-junctional and inhibitory conductance of inferior olive neurons from spike trains with complicated dynamics	FRONTIERS IN COMPUTATIONAL NEUROSCIENCE	Vol.9 Article 56 pp.1-14	Huu Hoang, 山下 宙人, Isao T. Tokuda, Masa-aki Sato, 川人 光男, Keisuke Toyama
2015/5/27	Gap Effect Abnormalities during a Visually Guided Pro-Saccade Task in Children with Attention Deficit Hyperactivity Disorder	PLOS ONE	Vol.10 No.5 e0125573	Yuka Matsuo, Masayuki Watanabe, Masako Taniike, Ikuko Mohri, Syoji Kobashi, Masaya Tachibana, 小林 康, Yuri Kitamura
2015/6/1	Rhythmic Firing of Pedunculopontine Tegmental Nucleus Neurons in Monkeys during Eye Movement Task	PLOS ONE	Vol.10 No.6 e0128147	岡田 研一, 小林 康
2015/6/1	Brief fear preexposure facilitates subsequent fear conditioning	NEUROSCIENCE RESEARCH	Vol.95 pp.66-73	Satoshi Iwasaki, Tetsuya Sakaguchi, 池谷 裕二
2015/6/3	Novelty-Induced Phase-Locked Firing to Slow Gamma Oscillations in the Hippocampus: Requirement of Synaptic Plasticity	NEURON	Vol.86 No.5 pp.1265-1276	Takuma Kitanishi, Sakiko Ujita, Mehdi Fallahnezhad, Naomi Kitanishi, 池谷 裕二, Ayumu Tashiro
2015/6/10	Accounting for Behavior in Treatment Effects: New Applications for Blind Trials	PLOS ONE	Vol.10 No.6 e0127227	Sylvain Chassang, Erik Snowberg, Ben Seymour, Cayley Bowles
2015/6/15	CHRONIC NEUROINFLAMMATION ANALYSIS AFTER TRAUMATIC BRAIN INJURY USING TSPO-PET AND MRI IN MICE	JOURNAL OF NEUROTRAUMA	Vol.32 No.12 pp.A63-A63	Sanae Hosomi, Tadashi Watabe, 森 勇樹, Mituso Onishi, Yuji Ogura, 吉岡 芳親, Takeshi Shimazu
2015/6/17	Neural mechanisms of social dominance	FRONTIERS IN NEUROSCIENCE	Vol.9 Article 154 pp.1-14	渡邊 言也, Miyuki Yamamoto
2015/7/1	Swarm Networks in Brownian Environments	NEW GENERATION COMPUTING	Vol.33 No.3 pp.297-318	Masashi Mori, 磯川 梯次郎, Ferdinand Peper, Nobuyuki Matsui
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2015/7/1	Automatic representation of a visual stimulus relative to a background in the right precuneus	EUROPEAN JOURNAL OF NEUROSCIENCE	Vol.42 No.1 pp.1651-1659	Motoaki Uchimura, 中野 珠実, 森戸 勇介, 安藤 広志, 北澤 茂
2015/7/1	Blink-related dynamic switching between internal and external orienting networks while viewing videos	NEUROSCIENCE RESEARCH	Vol.96 pp.54-58	中野 珠実
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2015/7/8	Integration of Multiple Spatial Frequency Channels in Disparity-Sensitive Neurons in the Primary Visual Cortex	JOURNAL OF NEUROSCIENCE	Vol.35 No.27 pp.10025-10038	Mika Baba, 佐々木 耕太, 大澤 五住
2015/7/14	Different target discrimination times can be followed by the same saccade initiation timing in different stimulus conditions during visual searches	JOURNAL OF NEUROPHYSIOLOGY	Vol.114 No.1 pp.368-380	田中 智洋, 西田 知史, 小川 正
2015/7/30	Prefrontal dopamine regulates fear reinstatement through the downregulation of extinction circuits	ELIFE	Vol.4 e08274 doi:10.7554/elife.08274	Natsuko Hitora-Imamura, Yuki Miura, Chie Teshirogi, 池谷 裕二, Norio Matsuki, Hiroshi Nomura
2015/8/1	Shearing Distortion Correction for EPI at 7T MRI	JOURNAL OF ADVANCES IN INFORMATION TECHNOLOGY	Vol.6 No.3 pp.151-154	劉 国相, 上口 貴志
2015/8/1	White-matter pathway connecting sensory cortical regions involved in optic-flow processing	PERCEPTION	Vol.44 pp.204-204	Maiko Uesaki, 竹村 浩昌, Hiroshi Ashida

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2015/8/1	Neocortical Rebound Depolarization Enhances Visual Perception	PLOS BIOLOGY	Vol.13 No.8 e1002231	Kenta Funayama, Genki Minamisawa, Nobuyoshi Matsumoto, 番 浩志, Allen W. Chan, Norio Matsuki, Timothy H. Murphy, 池谷 裕二
2015/8/4	Memory formation and retrieval of neuronal silencing in the auditory cortex	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	Vol.112 No.31 pp.9740-9744	Hiroshi Nomura, Kojiro Hara, Reimi Abe, Natsuko Hitora-Imamura, Ryota Nakayama, Takuya Sasaki, Norio Matsuki, 池谷 裕二
2015/8/26	Computation of Object Size in Visual Cortical Area V4 as a Neural Basis for Size Constancy	JOURNAL OF NEUROSCIENCE	Vol.35 No.34 pp.12033-12046	Shingo Tanaka, 藤田 一郎
2015/9/1	On the Well-Timed Assistance in Power-Assisted Sit-to-Stand Movement	SICE JOURNAL OF CONTROL, MEASUREMENT, AND SYSTEM INTEGRATION	Vol.8 No.5 pp.312-320	Haisong Dong, Kojiro Matsushita, 山本 知幸, 石黒 浩
2015/9/1	A Novel Double Oscillation Model for Prediction of fMRI BOLD Signals without Detrending	IEICE TRANSACTIONS ON FUNDAMENTALS OF ELECTRONICS COMMUNICATIONS AND COMPUTER SCIENCES	Vol.E98A No.9 pp.1924-1936	松原 崇, 鳥飼 弘幸, 下川 哲也, Kenji Leibnitz, Ferdinand Peper
2015/9/1	Topological organization of CA3-to-CA1 excitation	EUROPEAN JOURNAL OF NEUROSCIENCE	Vol.42 No.5 pp.2135-2143	Yoshie Hongo, Koichi Ogawa, Yuji Takahara, Keiko Takasu, Sebastien Royer, Minoru Hasegawa, Gaku Sakaguchi, 池谷 裕二
2015/9/1	Brain Informatics-Based Big Data and the Wisdom Web of Things	IEEE INTELLIGENT SYSTEMS	Vol.30 No.5 pp.2-7	Ning Zhong, Stephen S. Yau, Jianhua Ma, Shinsuke Shimajo, Marcel Just, Bin Hu, Guoyin Wang, 大岩 和弘, Yuichiro Anzai
2015/9/5	Real-time Utilization of System-scale Neuroscience Models	日本神経回路学会誌	Vol.22 No.3 pp.125-132	Jan Moren, 杉本 徳和, 銅谷 賢治
2015/9/10	Does Changing Vertical Disparity Induce Horizontal Head Movement?	PLOS ONE	Vol.10 No.9 e0137483	前川 亮, Hirohiko Kaneko
2015/10/1	Neural Mechanisms Underlying the Performance Limitations in Dual-Task Situations	BRAIN AND NERVE - 神経研究の進歩	Vol.67 No.10 pp.1215-1229	渡邊 慶, Shintaro Funahashi
2015/10/1	The rostral prefrontal cortex underlies individual differences in working memory capacity: An approach from the hierarchical model of the cognitive control	CORTEX	Vol.71 pp.277-290	源 健宏, Ken Yaoi, 宇阪 満里子, 宇阪 直行
2015/10/1	Internally-represented space and its mirror-reversed image of the visuospatial representation: A possible association	MEDICAL HYPOTHESES	Vol.85 No.4 pp.500-505	Masahiko Sumitani, Masaya Misaki, Shin-ichiro Kumagaya, Arito Yozu, Yuko Otake, Michihiro Osumi, 宮内 哲
2015/10/16	Normalized Index of Synergy for Evaluating the Coordination of Motor Commands	PLOS ONE	Vol.10 No.10 e0140836	Shunta Togo, 今水 寛
2015/10/20	Skin Extensibility around Surgical Wounds after Total Knee Arthroplasty	JOURNAL OF THE JAPANESE PHYSICAL THERAPY ASSOCIATION	Vol.18 No.1 pp.47-47	Takeshi Arakawa, Katsuhiko Ito, 上原 信太郎, Tomofumi Yamaguchi
2015/10/21	Distinct Contributions of Ventromedial and Dorsolateral Subregions of the Human Substantia Nigra to Appetitive and Aversive Learning	JOURNAL OF NEUROSCIENCE	Vol.35 No.42 pp.14220-14233	Wolfgang M. Pauli, Tobias Larsen, Sven Collette, Julian M. Tyszka, Ben Seymour, John P. O'Doherty
2015/10/21	Cellular economy in fission yeast cells continuously cultured with limited nitrogen resources	SCIENTIFIC REPORTS	Vol.5 Article 15617 pp.1-14	Yuji Chikashige, Shin'ichi Arakawa, Kenji Leibnitz, Chihiro Tsutsumi, Chie Mori, Hiroko Osakada, 村田 正幸, Tokuko Haraguchi, Yasushi Hiraoka
2015/11/1	Decoding sequential finger movements from preparatory activity in higher-order motor regions: a functional magnetic resonance imaging multi-voxel pattern analysis	EUROPEAN JOURNAL OF NEUROSCIENCE	Vol.42 No.10 pp.2851-2859	Isao Nambu, 羽倉 信宏, 廣瀬 智士, Yasuhiro Wada, 川人 光男, 内藤 栄一
2015/11/1	An fMRI Study of the Ventriloquism Effect	CEREBRAL CORTEX	Vol.25 No.11 pp.4248-4258	カラン 明子, Daniel Callan, 安藤 広志
2015/11/1	Observation of interactive behavior increases corticospinal excitability in humans: A transcranial magnetic stimulation study	BRAIN AND COGNITION	Vol.100 pp.1-6	Tsuyoshi Aihara, Shinji Yamamoto, Hiroataka Mori, Keisuke Kushiro, 上原 信太郎
2015/11/1	Phase coherence of auditory steady-state response reflects the amount of cognitive workload in a modified N-back task	NEUROSCIENCE RESEARCH	Vol.100 pp.39-45	横田 悠右, 成瀬 康
2015/11/1	Discriminative Structured Feature Engineering for Macroscale Brain Connectomes	IEEE TRANSACTIONS ON MEDICAL IMAGING	Vol.34 No.11 pp.2333-2342	Jian Pu, Jun Wang, Wenwen Yu, Zhuangming Shen, Qian Lv, Kristina Zeljic, Chencheng Zhang, Bomin Sun, 劉 国相, Zheng Wang

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2015/11/2	Late Development of Cue Integration Is Linked to Sensory Fusion in Cortex	CURRENT BIOLOGY	Vol.25 No.21 pp.2856-2861	Tessa M. Dekker, 番 浩志, Bauke van der Velde, Martin I. Sereno, Andrew E. Welchman, Marko Nardini
2015/11/16	Supranormal orientation selectivity of visual neurons in orientation-restricted animals	SCIENTIFIC REPORTS	Vol.5 Article 16712 pp.1-12	佐々木 耕太, Rui Kimura, Taihei Ninomiya, Yuka Tabuchi, Hiroki Tanaka, Masayuki Fukui, Yusuke C. Asada, Toshiya Arai, 稲垣 未来男, Takayuki Nakazono, Mika Baba, Daisuke Kato, 西本 伸志, Takahisa M. Sanada, Toshiaki Tani, Kazuyuki Imamura, Shigeru Tanaka, 大澤 五住
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2015/12/1	Neural Substrates Related to Motor Memory with Multiple Timescales in Sensorimotor Adaptation	PLOS BIOLOGY	Vol.13 No.12 e1002312	Sungshin Kim, Kenji Ogawa, Jinchi Lv, Nicolas Schweighofer, 今水 寛
2015/12/10	A Computational Model for Aperture Control in Reach-to-Grasp Movement Based on Predictive Variability	FRONTIERS IN COMPUTATIONAL NEUROSCIENCE	Vol.9 Article 143 pp.1-15	竹村 尚大, Takao Fukui, Toshio Inui
2015/12/23	Retrieving Binary Answers Using Whole-Brain Activity Pattern Classification	FRONTIERS IN HUMAN NEUROSCIENCE	Vol.9 Article 686 pp.1-14	Norberto E. Nawa, 安藤 広志
2015	Lever arm extension of myosin VI is unnecessary for the adjacent binding state	BIOPHYSICS	Vol.11 pp.47-53	Keigo Ikezaki, Tomotaka Komori, Yoshiyuki Arai, 柳田 敏雄
2016/1/1	Constructing Visual Perception of Body Movement with the Motor Cortex	CEREBRAL CORTEX	Vol.26 No.1 pp.440-449	Guido Orgs, Anna Dovern, 羽倉 信宏, Patrick Haggard, Gereon R. Fink, Peter H. Weiss
2016/1/11	Dissociable Learning Processes Underlie Human Pain Conditioning	CURRENT BIOLOGY	Vol.26 No.1 pp.52-58	Suyi Zhang, 眞野 博彰, Gowrishankar Ganesh, Trevor Robbins, Ben Seymour
2016/1/15	Modulation of prism adaptation by a shift of background in the monkey	BEHAVIOURAL BRAIN RESEARCH	Vol.297 pp.59-66	井上 雅仁, Hiroyuki Harada, Masahiro Fujisawa, Motoaki Uchimura, 北澤 茂
2016/2/1	Ensemble Tractography	PLOS COMPUTATIONAL BIOLOGY	Vol.12 No.2 e1004692	竹村 浩昌, Cesar F. Caiafa, Brian A. Wandell, Franco Pestilli
2016/2/1	Low-Complexity Nanosensor Networking Through Spike-Encoded Signaling	IEEE INTERNET OF THINGS JOURNAL	Vol.3 No.1 pp.49-58	Ferdinand Peper, Kenji Leibnitz, 寺前 順之介, 下川 哲也, 若宮 直紀
2016/2/1	Accurate detection of low signal-to-noise ratio neuronal calcium transient waves using a matched filter	JOURNAL OF NEUROSCIENCE METHODS	Vol.259 pp.1-12	Agnieszka F. Szymanska, Chiaki Kobayashi, Hiroaki Norimoto, Tomoe Ishikawa, 池谷 裕二, Zoran Nenadic
2016/2/11	Base-complexity classifications of qcb0-spaces1	COMPUTABILITY	Vol.5 No.1 pp.75-102	Matthew de Brecht, Matthias Schröder, Victor Selivanov
2016/2/16	Subcellular Imbalances in Synaptic Activity	CELL REPORTS	Vol.14 No.6 pp.1348-1354	Naoya Takahashi, Chiaki Kobayashi, Tomoe Ishikawa, 池谷 裕二
2016/2/16	Late Arc/Arg3.1 expression in the basolateral amygdala is essential for persistence of newly-acquired and reactivated contextual fear memories	SCIENTIFIC REPORTS	Vol.6 Article 21007 pp.1-10	Daisuke Nakayama, Yoshiko Hashikawa-Yamasaki, 池谷 裕二, Norio Matsuki, Hiroshi Nomura
2016/2/17	Early Failures Benefit Subsequent Task Performance	SCIENTIFIC REPORTS	Vol.6 Article 21293 pp.1-19	Hideyoshi Igata, Takuya Sasaki, 池谷 裕二
2016/2/26	Right ventrolateral prefrontal cortex involvement in the integration of emotional processing: Parametric mediation analysis of fMRI	NEUROSCIENCE LETTERS	Vol.615 pp.92-97	黄田 育宏, Yoko Hoshi
2016/3/1	Trial and Error Using Previous Experiences as Simulation Models in Humanoid Motor Learning	IEEE ROBOTICS & AUTOMATION MAGAZINE	Vol.23 No.1 pp.96-105	杉本 徳和, Voot Tangkaratt, Thijs Wensveen, Tingting Zhao, Masashi Sugiyama, Jun Morimoto
2016/3/1	Body representation in the brain	NEUROSCIENCE RESEARCH	Vol.104 pp.1-3	内藤 栄一, Jun Ota, Akira Murata
2016/3/1	Body representations in the human brain revealed by kinesthetic illusions and their essential contributions to motor control and corporeal awareness	NEUROSCIENCE RESEARCH	Vol.104 pp.16-30	内藤 栄一, 守田 知代, 雨宮 薫

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2016/3/1	Zero and negative energy dissipation at information-theoretic erasure	JOURNAL OF COMPUTATIONAL ELECTRONICS	Vol.15 No.1 pp.335-339	Laszlo Bela Kish, Claes-Goran Granqvist, Sunil P. Khatri, Ferdinand Peper
2016/3/1	Response to "Comment on 'Zero and negative energy dissipation at information-theoretic erasure'"	JOURNAL OF COMPUTATIONAL ELECTRONICS	Vol.15 No.1 pp.343-346	Laszlo Bela Kish, Claes-Goran Granqvist, Sunil P. Khatri, Ferdinand Peper
2016/3/1	Adaptive foraging for simulated and real robotic swarms: the dynamical response threshold approach	SWARM INTELLIGENCE	Vol.10 No.1 pp.1-31	Eduardo Castello, 山本 知幸, Fabio Dalla Libera, Wenguo Liu, Alan F. T. Winfield, 中村 泰, 石黒 浩
2016/3/1	Spatial clusters of constitutively active neurons in mouse visual cortex	ANATOMICAL SCIENCE INTERNATIONAL	Vol.91 No.2 pp.188-195	Kenichi Makino, Kenta Funayama, 池谷 裕二
2016/3/4	Trial and Error: Using Previous Experiences as Simulation Models in Humanoid Motor Learning	IEEE-RAS ROBOTICS & AUTOMATION MAGAZINE	Vol.23 No.1 pp.96-105	杉本 徳和, Voot Tangkaratt, Thijs Wensveen, Tingting Zhao, Masashi Sugiyama, Jun Morimoto
2016/3/7	Simultaneous tDCS-fMRI Identifies Resting State Networks Correlated with Visual Search Enhancement	FRONTIERS IN HUMAN NEUROSCIENCE	Vol.10 Article 72 pp.1-12	Daniel E. Callan, Brian Falcone, 和田 充史, Raja Parasuraman
2016/4/1	Pooled, but not single-neuron, responses in macaque V4 represent a solution to the stereo correspondence problem	JOURNAL OF NEUROPHYSIOLOGY	Vol.115 No.4 pp.1917-1931	Mohammad Abdolrahmani, Takahiro Doi, Hiroshi M. Shiozaki, 藤田 一郎
2016/4/1	Subcellular calcium dynamics during juvenile development in mouse hippocampal astrocytes	EUROPEAN JOURNAL OF NEUROSCIENCE	Vol.43 No.7 pp.923-932	Ryota Nakayama, Takuya Sasaki, Kenji F. Tanaka, 池谷 裕二
2016/4/1	Evolutionary core-periphery structure and its application to network function virtualization	NONLINEAR THEORY AND ITS APPLICATIONS, IEICE	Vol.7 No.2 pp.202-216	Mari Otokura, Kenji Leibnitz, 下川 哲也, 村田 正幸
2016/4/22	Does Excessive Attention to Speech Contribute to Stuttering? A Preliminary Study With a Reading Comprehension Task	PERSPECTIVES OF THE ASHA SPECIAL INTEREST GROUPS	Vol.1 No.4 pp.5-15	Daichi Iimura, 上原 信太郎, Shinji Yamamoto, Tsuyoshi Aihara, Keisuke Kushihiro
2016/4/27	The Brain Is Faster than the Hand in Split-Second Intentions to Respond to an Impending Hazard: A Simulation of Neuroadaptive Automation to Speed Recovery to Perturbation in Flight Attitude	FRONTIERS IN HUMAN NEUROSCIENCE	Vol.10 Article 187 pp.1-21	Daniel E. Callan, Cengiz Terzibas, Daniel B. Cassel, Masa-aki sato, Raja Parasuraman
2016/4/30	Characteristic Patterns of Brain Activation in Adults with Developmental Stuttering in Reading Katakana Words Aloud	JOURNAL OF THE PHONETIC SOCIETY OF JAPAN (音声研究)	Vol.20 No.1 pp.61-76	Koichi Mori, 蔡 藝, Shuntaro Okazaki, Minae Okada
2016/5/1	Importance of human right inferior frontoparietal network connected by inferior branch of superior longitudinal fasciculus tract in corporeal awareness of kinesthetic illusory movement	CORTEX	Vol.78 pp.15-30	雨宮 薫, 内藤 栄一
2016/5/23	Visuomotor map determines how visually guided reaching movements are corrected within and across trials	ENEURO	Vol.3 No.3 doi:10.1523/ENEURO.0032-16.2016	林 拓志, 横井 悖, 平島 雅也, 野崎 大地
2016/5/25	Similarity in Neuronal Firing Regimes across Mammalian Species	JOURNAL OF NEUROSCIENCE	Vol.36 No.21 pp.5736-5747	Yasuhiro Mochizuki, Tomokatsu Onaga, Hideaki Shimazaki, Takeaki Shimokawa, Yasuhiro Tsubo, Rie Kimura, Akiko Saiki, Yutaka Sakai, Yoshikazu Isomura, Shigeyoshi Fujisawa, Ken-ichi Shibata, Daichi Hirai, Takahiro Furuta, Takeshi Kaneko, Susumu Takahashi, Tomoaki Nakazono, Seiya Ishino, Yoshio Sakurai, Takashi Kitsukawa, Jong Won Lee, Hyunjung Lee, Min Whan Jung, Cecilia Babul, Pedro E. Maldonado, Kazutaka Takahashi, Fritzie I. Arce-McShane, Callum F. Ross, Barry J. Sessle, Nicholas G. Hatsopoulos, Thomas Brochier, Alexa Riehle, Paul Chorley, Sonja Gruen, Hisao Nishijo, Satoe Ichihara-Takeda, Shintaro Funahashi, Keisetsu Shima, Hajime Mushiake, 山根 ゆか子, 田村 弘, 藤田 一郎, Naoko Inaba, Kenji Kawano, Sergei Kurkin, Kikuro Fukushima, Kiyoshi Kurata, Masato Taira, Ken-ichiro Tsutsui, Tadashi Ogawa, Hidehiko Komatsu, Kowa Koida, Keisuke Toyama, Barry J. Richmond, Shigeru Shinomoto
2016/5/28	Quantitative analysis of interactions between human olfaction and haptics based on psychophysical methods.	AROMA RESEARCH	Vol.17 No.2 pp.22-26	西野 由利恵, 金 東煜, Juan Liu, 安藤 広志

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2016/6/1	Motor control of downward object-transport movements with precision grip by object weight	SOMATOSENSORY AND MOTOR RESEARCH	Vol.33 No.2 pp.130-136	Shinji Yamamoto, Yoshihide Shiraki, 上原 信太郎, Keisuke Kushiro
2016/6/1	Error Signals in Motor Cortices Drive Adaptation in Reaching	NEURON	Vol.90 No.5 pp.1114-1126	井上 雅仁, Motoaki Uchimura, 北澤 茂
2016/6/1	Associative-memory representations emerge as shared spatial patterns of theta activity spanning the primate temporal cortex	NATURE COMMUNICATIONS	Vol.7 Article 11827 pp.1-9	Kiyoshi Nakahara, Ken Adachi, Keisuke Kawasaki, Takeshi Matsuo, Hirohito Sawahata, Kei Majima, Masaki Takeda, Sayaka Sugiyama, Ryota Nakata, Atsuhiko Iijima, Hisashi Tanigawa, 鈴木 隆文, Yukiyasu Kamitani, Isao Hasegawa
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2016/6/1	Differential processing of binocular and monocular gloss cues in human visual cortex	JOURNAL OF NEUROPHYSIOLOGY	Vol.115 No.6 pp.2779-2790	Hua-Chun Sun, Massimiliano Di Luca, 番 浩志, Alexander Murry, Roland W. Fleming, Andrew E. Welchman
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2016/6/15	A Computationally Efficient Filter for Reducing Shot Noise in Low S/N Data	PLOS ONE	Vol.11 No.6 e0157595	Mami Okada, Tomoe Ishikawa, 池谷 裕二
2016/6/15	Universal Totalistic Asynchronous Cellular Automaton and Its Possible Implementation by DNA	UNCONVENTIONAL COMPUTATION AND NATURAL COMPUTATION, UCNC 2016	Vol.9726 pp.182-195	磯川 梯次郎, Ferdinand Peper, Ibuki Kawamata, Nobuyuki Matsui, Satoshi Murata, Masami Hagiya
2016/6/19	Weighted parallel contributions of binocular correlation and match signals to conscious perception of depth	PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	Vol.371 No.1697 doi:10.1098/rstb.2015.0257	藤田 一郎, Takahiro Doi
2016/6/19	Effects of generalized pooling on binocular disparity selectivity of neurons in the early visual cortex	PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	Vol.371 No.1697 doi:10.1098/rstb.2015.0266.	Daisuke Kato, Mika Baba, 佐々木 耕太, 大澤 五住
2016/7/1	Diffuse optical tomography using multidirectional sources and detectors	BIOMEDICAL OPTICS EXPRESS	Vol.7 No.7 pp.2623-2640	Takeaki Shimokawa, Toshihiro Ishii, Yoichiro Takahashi, Satoru Sugawara, Masa-aki Sato, 山下 宙人
2016/7/1	Regional hypoplasia of somatosensory cortex in growth-retarded mice (grt/grt)	CONGENITAL ANOMALIES	Vol.56 No.4 pp.180-183	Kazuhiko Sawada, 齋藤 茂芳, Akari Sugawara, Chika Sato, Junya Aoyama, Naoko Ohara, Miwa Horiuchi-Hirose, Tetsuya Kobayashi
2016/7/1	Comparison of Diffusion-Weighted Imaging in the Human Brain Using Readout-Segmented EPI and PROPELLER Turbo Spin Echo With Single-Shot EPI at 7 T MRI	INVESTIGATIVE RADIOLOGY	Vol.51 No.7 pp.435-439	黄田 育宏, 上口 貴志, 松岡 雄一郎, Kun Zhou, Alto Stemmer, David Porter
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2016/7/15	Multi-subject and multi-task experimental validation of the hierarchical Bayesian diffuse optical tomography algorithm	NEUROIMAGE	Vol.135 pp.287-299	山下 宙人, Takeaki Shimokawa, Ryota Aisu, Takashi Amita, Yoshihiro Inoue, Masa-aki Sato
2016/7/20	Characterization of random fluctuation-based computation in cellular automata	INFORMATION SCIENCES	Vol.352 pp.150-166	李 佳, Ferdinand Peper, Kenji Leibnitz, Ping Gu
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2016/7/29	Tagging motor memories with transcranial direct current stimulation allows later artificially-controlled retrieval	ELIFE	Vol.5 e15378. doi:10.7554/eLife.15378	Daichi Nozaki, 横井 惇, Takahiro Kimura, 平島 雅也, Jean-Jacques Orban de Xivry
2016/8/1	Modeling and decoding of natural visual cognition	PERCEPTION	Vol.45 pp.72-73	西本 伸志
2016/8/1	Subspace mapping of the three-dimensional spectral receptive field of macaque MT neurons	JOURNAL OF NEUROPHYSIOLOGY	Vol.116 No.2 pp.784-795	稲垣 未来男, 佐々木 耕太, Hajime Hashimoto, 大澤 五住
2016/8/1	Vertical normal modes of human ears: Individual variation and frequency estimation from pinna anthropometry	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	Vol.140 No.2 pp.814-831	Parham Mokhtari, 竹本 浩典, Ryouichi Nishimura, Hiroaki Kato

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2016/8/1	Lining Up Brains via a Common Representational Space	TRENDS IN COGNITIVE SCIENCES	Vol.20 No.8 pp.565-567	西本 伸志, 西田 知史
2016/8/1	Homeostatic changes in neuronal network oscillations in response to continuous hypoperfusion in the mouse forebrain	NEUROSCIENCE RESEARCH	Vol.109 pp.28-34	Yuya Nishimura, Reimi Abe, Takuya Sasaki, 池谷 裕二
2016/8/1	Dissociating global and local biological motion processing in the human brain	PERCEPTION	Vol.45 pp.292-293	Dorita H. Chang, 番 浩志, Nikolaus F. Troje
2016/8/30	On a Universal Brownian Cellular Automata with 3 States and 2 Rules	CELLULAR AUTOMATA, ACR1 2016	Vol.9863 pp.14-23	磯川 梯次郎, Ferdinand Peper, Koji Ono, Nobuyuki Matsui
2016/8/31	Neural correlates of the time marker for the perception of event timing	ENEURO	Vol.3 No.4 doi:10.1523/ENEURO.0144-16.2016	天野 薫, Liang Qi, 寺田 吉彦, Shin'ya Nishida
2016/8/31	Size of motion display affects precision of motion perception	PERCEPTION	Vol.45 pp.241-242	對馬 淑亮, 坂野 雄一, 安藤 広志
2016/9/1	Automated Courier Transport on the Rail Network: Concept and its Feasibility	INTERNATIONAL JOURNAL OF INTELLIGENT TRANSPORTATION SYSTEMS RESEARCH	Vol.14 No.3 pp.195-203	山本 知幸, 石黒 浩
2016/9/1	A new device for the simultaneous recording of cerebral, cardiac, and muscular electrical activity in freely moving rodents	JOURNAL OF PHARMACOLOGICAL SCIENCES	Vol.132 No.1 pp.105-108	Sakura Okada, Hideyoshi Igata, Tetsuya Sakaguchi, Takuya Sasaki, 池谷 裕二
2016/9/1	Re-analysis on geometric energy	ANATOMICAL SCIENCE INTERNATIONAL	Vol.91 No.4 pp.425-426	Kenichi Makino, Kenta Funayama, 池谷 裕二
2016/9/1	Investigation of the influence of social rank and spatial arrangement using the psychophysical experiments	KNOWLEDGE-BASED AND INTELLIGENT INFORMATION & ENGINEERING SYSTEMS: PROCEEDINGS OF THE 20TH INTERNATIONAL CONFERENCE KES-2016	Vol.96 pp.1740-1747	Toshitaka Higashino, 成瀬 康, Masato Soga
2016/9/14	Deep brain stimulation of the subthalamic nucleus modulates sensitivity to decision outcome value in Parkinson's disease	SCIENTIFIC REPORTS	Vol.6 Article 32509 pp.1-12	Ben Seymour, Michael Barbe, Peter Dayan, Tamara Shiner, Ray Dolan, Gereon R. Fink
2016/9/15	Contribution of Neuroimaging Studies to Understanding Development of Human Cognitive Brain Functions	FRONTIERS IN HUMAN NEUROSCIENCE	Vol.10 Article 464 pp.1-14	守田 知代, 浅田 稔, 内藤 栄一
2016/9/21	Basal Dendrites of Layer-III Pyramidal Neurons do not Scale with Changes in Cortical Magnification Factor in Macaque Primary Visual Cortex	FRONTIERS IN NEURAL CIRCUITS	Vol.10 Article 74 pp.1-15	Tomofumi Oga, Tsuguhisa Okamoto, 藤田 一郎
2016/9/29	Inferred Duality of Synaptic Connectivity in Local Cortical Circuit with Receptive Field Correlation	NEURAL INFORMATION PROCESSING, ICONIP 2016, PT I	Vol.9947 pp.115-122	Kohei Watanabe, Jun-Nosuke Teramae, 若宮 直紀
2016/10/5	Functional Subdomains within Scene-Selective Cortex: Parahippocampal Place Area, Retrosplenial Complex, and Occipital Place Area	THE JOURNAL OF NEUROSCIENCE	Vol.36 No.40 pp.10257-10273	Tolga Çukur, Alexander G. Huth, 西本 伸志, Jack L. Gallant
2016/10/7	Decoding the semantic content of natural movies from human brain activity	FRONTIERS IN SYSTEMS NEUROSCIENCE	Vol.10 Article 81 pp.1-16	Alexander G. Huth, Tyler Lee, 西本 伸志, Natalia Y. Bilenko, An Vu, Jack L. Gallant
2016/10/27	Induced sensorimotor brain plasticity controls pain in phantom limb patients	NATURE COMMUNICATIONS	Vol.7 Article 13209 pp.1-11	柳澤 琢史, 福岡 良平, Ben Seymour, 細見 晃一, Haruhiko Kishima, Takeshi Shimizu, Hiroshi Yokoi, 平田 雅之, 吉峰 俊樹, Yukiyasu Kamitani, 齋藤 洋一
2016/10/28	Abnormal bias in subjective vertical perception in a post-stroke astasia patient	JOURNAL OF PHYSICAL THERAPY SCIENCE	Vol.28 No.10 pp.2979-2983	Keisuke Tani, Akiyoshi Matsugi, 上原 信太郎, Daisuke Kimura
2016/11/1	Is fear perception special? Evidence at the level of decision-making and subjective confidence	SOCIAL COGNITIVE AND AFFECTIVE NEUROSCIENCE	Vol.11 No.11 pp.1772-1782	小泉 愛, Dean Mobbs, Hakwan Lau
2016/11/1	Differential expression of axon-sorting molecules in mouse olfactory sensory neurons	CHEMICAL SENSES	Vol.41 No.9 pp.E254-E255	Naoki Ihara, Ai Nakashima, 池谷 裕二, Haruki Takeuchi
2016/11/1	頭頂連合野と身体情報	BRAIN AND NERVE - 神経研究の進歩	Vol.68 No.11 pp.1313-1320	内藤 栄一, 雨宮 薫, 守田 知代
2016/11/7	The Pedunculopontine Tegmental Nucleus as a Motor and Cognitive Interface between the Cerebellum and Basal Ganglia	FRONTIERS IN NEUROANATOMY	Vol.10 Article 109 pp.1-8	Fumika Mori, 岡田 研一, Taishin Nomura, 小林 康
2016/11/16	Functional Organization of Flash-Induced V1 Offline Reactivation	JOURNAL OF NEUROSCIENCE	Vol.36 No.46 pp.11727-11738	Kenta Funayama, 羽倉 信宏, 番 浩志, 池谷 裕二

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2016/11/21	Fear reduction without fear through reinforcement of neural activity that bypasses conscious exposure	NATURE HUMAN BEHAVIOR	Vol.1 Article 0006 doi:10.1038/s41562-016-0006	小泉 愛, 天野 薫, Aurelio Cortese, Kazuhisa Shibata, 吉田 和子, Ben Seymour, 川人 光男, Hakwan Lau
2016/11/30	Context-Dependent Accumulation of Sensory Evidence in the Parietal Cortex Underlies Flexible Task Switching	JOURNAL OF NEUROSCIENCE	Vol.36 No.48 pp.12192-12202	熊野 弘紀, Yuki Suda, Takanori Uka
2016/11/30	Metal Sounds Stiffer than Drums for Ears, but Not Always for Hands: Low-Level Auditory Features Affect Multisensory Stiffness Perception More than High-Level Categorical Information	PLOS ONE	Vol.11 No.11 e0167023	Juan Liu, 安藤 広志
2016/12/1	Super multi-view 3D displays reduce conflict between accommodative and vergence responses	JOURNAL OF THE SOCIETY FOR INFORMATION DISPLAY	Vol.24 No.12 pp.747-756	水科 晴樹, Junya Nakamura, Yasuhiro Takaki, 安藤 広志
2016/12/1	3-Hz subthreshold oscillations of CA2 neurons In vivo	HIPPOCAMPUS	Vol.26 No.12 pp.1570-1578	Nobuyoshi Matsumoto, Kazuki Okamoto, Yuki Takagi, 池谷 裕二
2016/12/1	Wireless Multichannel Neural Recording With a 128-Mbps UWB Transmitter for an Implantable Brain-Machine Interfaces	IEEE TRANSACTIONS ON BIOMEDICAL CIRCUITS AND SYSTEMS	Vol.10 No.6 pp.1068-1078	H. Ando, K. Takizawa, T. Yoshida, K. Matsushita, M. Hirata, T. Suzuki
2016/12/8	Evaluation of Perceived 3D Structure of Multi-view 3D Medical Image Based on Transparent Visualization: a Psychophysical Study	THREE DIMENSIONAL SYSTEMS AND APPLICATIONS 2016 (3DSA 2016)	Vol.23 pp.898-901	坂野 雄一, 北浦 優理奈, 長谷川 恭子, Roberto Lopez-Gulliver, 安藤 広志, 田中 覚
2016/12/9	Sanshool on The Fingertip Interferes with Vibration Detection in a Rapidly-Adapting (RA) Tactile Channel	PLOS ONE	Vol.11 No.12 e0165842	Scinob Kuroki, 羽倉 信宏, Shin'ya Nishida, Patrick Haggard, Junji Watanabe
2016/12/15	Multivoxel neurofeedback selectively modulates confidence without changing perceptual performance	NATURE COMMUNICATIONS	Vol.7 Article 13669 pp.1-18	Aurelio Cortese, 天野 薫, 小泉 愛, 川人 光男, Hakwan Lau
2016	Brownian Circuits: Designs	INTERNATIONAL JOURNAL OF UNCONVENTIONAL COMPUTING	Vol.12 No.43226 pp.341-362	李 佳, Ferdinand Peper, Sorin D. Cotofana, Makoto Naruse, Motoichi Ohtsu, Tadashi Kawazoe, Yasuo Takahashi, 下川 哲也, Laszlo B. Kish, Tohru Kubota
2017/1/1	Short-latency allocentric control of saccadic eye movements	JOURNAL OF NEUROPHYSIOLOGY	Vol.117 No.1 pp.376-387	Mrinmoy Chakrabarty, 中野 珠実, 北澤 茂
2017/1/1	Eye movement-invariant representations in the human visual system	JOURNAL OF VISION	Vol.17 No.1 Article 11 pp.1-10	西本 伸志, Alexander G. Huth, Natalia Y. Bilenko, Jack L. Gallant
2017/1/1	After-effects of pedaling exercise on spinal excitability and spinal reciprocal inhibition in patients with chronic stroke	INTERNATIONAL JOURNAL OF NEUROSCIENCE	Vol.127 No.1 pp.73-79	Akira Tanuma, Toshiyuki Fujiwara, Tomofumi Yamaguchi, Takanori Ro, Hirota Arano, 上原 信太郎, Kaoru Honaga, Masahiko Mukaino, Akio Kimura, Meigen Liu
2017/1/10	11.7T MR Imaging Revealed Dilatation of Virchow-Robin Spaces within Hippocampus in Maternally Lipopolysaccharide-exposed Rats	MAGNETIC RESONANCE IN MEDICAL SCIENCES	Vol.16 No.1 pp.54-60	Yasuhiro Ooi, 乾 千珠子, 吉岡 芳親, Akitoshi Seiyama, Junji Seki
2017/2/1	Macroscopic neural mass model constructed from a current-based network model of spiking neurons	BIOLOGICAL CYBERNETICS	Vol.111 No.1 pp.91-103	梅原 広明, 岡田 真人, 寺前 順之介, 成瀬 康
2017/2/1	cAMP-Dependent Calcium Oscillations of Astrocytes: An Implication for Pathology	CEREBRAL CORTEX	Vol.27 No.2 pp.1602-1614	Sakiko Ujita, Takuya Sasaki, Akiko Asada, Kenta Funayama, Mengxuan Gao, Katsuhiko Mikoshiba, Norio Matsuki, 池谷 裕二
2017/2/1	Machine learning-based prediction of adverse drug effects: An example of seizure-inducing compounds	JOURNAL OF PHARMACOLOGICAL SCIENCES	Vol.133 No.2 pp.70-78	Mengxuan Gao, Hideyoshi Igata, Aoi Takeuchi, Kaoru Sato, 池谷 裕二
2017/2/1	The visual white matter: The application of diffusion MRI and fiber tractography to vision science	JOURNAL OF VISION	Vol.17 No.2 Article 4 pp.1-30.	Ariel Rokem, 竹村 浩昌, Andrew S. Bock, K. Suzanne Scherf, Marlene Behrmann, Brian A. Wandell, Ione Fine, Holly Bridge, Franco Pestilli
2017/2/1	Mapping of left ventricle wall thickness in mice using 11.7-T magnetic resonance imaging	MAGNETIC RESONANCE IMAGING	Vol.36 pp.128-134	齋藤 茂芳, Kasumi Masuda, 森 勇樹, Satoshi Nakatani, 吉岡 芳親, 村瀬 研也
2017/2/1	The Importance of Spatiotemporal Information in Biological Motion Perception: White Noise Presented with a Step-like Motion Activates the Biological Motion Area	JOURNAL OF COGNITIVE NEUROSCIENCE	Vol.29 No.2 pp.277-285	カラン 明子, Daniel Callan, 安藤 広志
2017/2/1	Single molecule detection, thermal fluctuation and life	PROCEEDINGS OF THE JAPAN ACADEMY SERIES B-PHYSICAL AND BIOLOGICAL SCIENCES	Vol.93 No.2 pp.51-63	柳田 敏雄, Yoshiharu Ishii

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2017/2/13	Differential timing of neurogenesis underlies dorsal-ventral topographic projection of olfactory sensory neurons	NEURAL DEVELOPMENT	Vol.12 No.1 pp.2	Naoki Ihara, 池谷 裕二, Haruki Takeuchi
2017/2/21	Perceptual decisions are biased by the cost to act	ELIFE	Vol.6 e18422. doi:10.7554/ eLife.18422	羽倉 信宏, Patrick Haggard, Jorn Diedrichsen
2017/3/1	Intraluminal MRI Probe Using Small Size Variable Capacitor	ELECTRONICS AND COMMUNICATIONS IN JAPAN	Vol.100 No.3 pp.29-38	Tadao Matsunaga, 松岡 雄一郎, Masayoshi Nakazono, Kagayaki Kuroda, Masayoshi Esashi, Yoichi Haga
2017/3/13	Postnatal Dendritic Growth and Spinogenesis of Layer-V Pyramidal Cells Differ between Visual, Inferotemporal, and Prefrontal Cortex of the Macaque Monkey	FRONTIERS IN NEUROSCIENCE	Vol.11 Article 118 pp.1-12	Tomofumi Oga, Guy N. Elston, 藤田 一郎
2017/4/1	Decoded fMRI neurofeedback can induce bidirectional confidence changes within single participants	NEUROIMAGE	Vol.149 pp.323-337	Aurelio Cortese, 天野 薫, 小泉 愛, Hakwan Lau, 川人 光男
2017/4/1	Renewal of the Major Fields	NEW GENERATION COMPUTING	Vol.35 No.2 pp.125-128	Masami Hagiya, Kazunori Ueda, Ryutaro Ichise, Ferdinand Peper, Satoshi Murata
2017/4/1	Postnatal Development of Intrinsic Horizontal Axons in Macaque Inferior Temporal and Primary Visual Cortices	CEREBRAL CORTEX	Vol.27 No.4 pp.2708-2726	Quanxin Wang, Hisashi Tanigawa, 藤田 一郎
2017/4/5	Activation of perineuronal net-expressing excitatory neurons during associative memory encoding and retrieval	SCIENTIFIC REPORTS	Vol.7 Article 46024 pp.1-9	Shota Morikawa, 池谷 裕二, Minoru Narita, Hideki Tamura
2017/4/7	Two types of peak emotional responses to music: The psychophysiology of chills and tears	SCIENTIFIC REPORTS	Vol.7 Article 46063 pp.1-13	森 数馬, Makoto Iwanaga
2017/4/11	High Spatiotemporal Resolution ECoG Recording of Somatosensory Evoked Potentials with Flexible Micro-Electrode Arrays	FRONTIERS IN NEURAL CIRCUITS	Vol.11 Article 20 pp.1-13	Taro Kajiu, Keiichi Doi, Masashi Yokota, 渡邊 慶, 井上 雅仁, 安藤 博士, Kazutaka Takahashi, 吉田 史章, 平田 雅之, 鈴木 隆文
2017/4/17	Momentum exchange impact damper design methodology for object-wall-collision problems	JOURNAL OF VIBRATION AND CONTROL	Vo.24 No.14 pp.3206-3218	Yohei Kushida, 梅原 広明, Susumu Hara, Keisuke Yamada
2017/4/21	SELF-FACE RECOGNITION SHARES BRAIN REGIONS ACTIVE DURING PROPRIOCEPTIVE ILLUSION IN THE RIGHT INFERIOR FRONTO-PARIETAL SUPERIOR LONGITUDINAL FASCICULUS III NETWORK	NEUROSCIENCE	Vol.348 pp.288-301	守田 知代, Daisuke N. Saito, Midori Ban, Koji Shimada, Yuko Okamoto, Hirotaka Kosaka, Hidehiko Okazawa, 浅田 稔, 内藤 栄一
2017/4/24	Switch from ambient to focal processing mode explains the dynamics of free viewing eye movements	SCIENTIFIC REPORTS	Vol.7 Article 1082 pp.1-14	Junji Ito, 山根 ゆか子, Mika Suzuki, Pedro Maldonado, 藤田 一郎, 田村 弘, Sonja Guen
2017/5/1	Flashing Lights Induce Prolonged Distortions in Visual Cortical Responses and Visual Perception	ENEURO	Vol.4 No.3 doi:10.1523/ ENEURO.0304-16.2017	Genki Minamisawa, Kenta Funayama, Nobuyoshi Matsumoto, Norio Matsuki, 池谷 裕二
2017/5/1	Simultaneous Recordings of Central and Peripheral Bioelectrical Signals in a Freely Moving Rodent	BIOLOGICAL & PHARMACEUTICAL BULLETIN	Vol.40 No.5 pp.711-715	Takuya Sasaki, Yuya Nishimura, 池谷 裕二
2017/5/8	日本視覚学会 若手の会主催 視覚実験プログラムワークショップ開催報告	VISION	Vol.29 No.2 pp.67-70	天野 薫, 澤山 正貴, 山本 健太郎, 永井 岳大
2017/5/10	Juvenile Hippocampal CA2 Region Expresses AggreCAN	FRONTIERS IN NEUROANATOMY	Vol.11 Article 41 pp.1-14	Asako Noguchi, Nobuyoshi Matsumoto, Shota Morikawa, Hideki Tamura, 池谷 裕二
2017/5/24	Modulation of Illusory Reversal in Tactile Temporal Order by the Phase of Posterior alpha Rhythm	JOURNAL OF NEUROSCIENCE	Vol.37 No.21 pp.5298-5308	高橋 俊光, 北澤 茂
2017/6/1	Quadruple Immunostaining of the Olfactory Bulb for Visualization of Olfactory Sensory Axon Molecular Identity Codes	JOVE-JOURNAL OF VISUALIZED EXPERIMENTS	Vol.5 No.124 doi:10.3791/55893	Naoki Ihara, 池谷 裕二, Haruki Takeuchi
2017/6/1	Occipital White Matter Tracts in Human and Macaque	CEREBRAL CORTEX	Vol.27 No.6 pp.3346-3359	竹村 浩昌, Franco Pestilli, Kevin S. Weiner, Georgios A. Kelliris, Sofia M. Landi, Julia Sliwa, Frank Q. Ye, Michael A. Barnett, David A. Leopold, Winrich A. Freiwald, Nikos K. Logothetis, Brian A. Wandell
2017/6/13	Estimation of Human Workload from the Auditory Steady-State Response Recorded via a Wearable Electroencephalography System during Walking	FRONTIERS IN HUMAN NEUROSCIENCE	Vol.11 Article 314 pp.1-10	横田 悠右, Shingo Tanaka, Akihiro Miyamoto, 成瀬 康
2017/6/15	Unconscious improvement in foreign language learning using mismatch negativity neurofeedback: A preliminary study	PLOS ONE	Vol.12 No.6 e0178694	常 明, Hiroyuki Iizuka, 柏岡 秀紀, 成瀬 康, 古川 正統, 安藤 英由樹, 前田 太郎

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2017/6/23	Effects of Depth Cues on the Recognition of the Spatial Position of a 3D Object in Transparent Stereoscopic Visualization	5TH INTERNATIONAL KES CONFERENCE ON INNOVATION IN MEDICINE AND HEALTHCARE (KES INMED 2017)	Vol.71 No. pp.277-282	北浦 優理奈, 長谷川 恭子, 坂野 雄一, Roberto Lopez-Gulliver, Liang Li, 安藤 広志, 田中 寛
2017/6/30	Noninvasive spatiotemporal imaging of neural transmission in the subcortical visual pathway	SCIENTIFIC REPORTS	Vol.7 Article 4424 pp.1-6	吉田 史章, 平田 雅之, Ayako Onodera, Tetsu Goto, 菅田 陽伶, 依藤 史郎
2017/7/1	Multilayered receive coil produced using a non-planar photofabrication process for an intraluminal magnetic resonance imaging	SENSORS AND ACTUATORS A: PHYSICAL	Vol.261 pp.130-139	松永 忠雄, 松岡 雄一郎, 市村 想生, Wei Quan, 黒田 輝, 加藤 善太, 江刺 正喜, 芳賀 洋一
2017/7/1	Regional difference in sulcal infolding progression correlated with cerebral cortical expansion in cynomolgus monkey fetuses	CONGENITAL ANOMALIES	Vol.57 No.4 pp.114-117	Kazuhiro Sawada, Katsuhiko Fukunishi, Masatoshi Kashima, Noritaka Imai, 齋藤 茂芳, Ichio Aoki, Yoshihiro Fukui
2017/7/1	The End of Moore's Law: Opportunities for Natural Computing?	NEW GENERATION COMPUTING	Vol.35 No.3 pp.253-269	Ferdinand Peper
2017/7/1	Caffeine Increases Hippocampal Sharp Waves in Vitro	BIOLOGICAL & PHARMACEUTICAL BULLETIN	Vol.40 No.7 pp.1111-1115	Yusuke Watanabe, 池谷 裕二
2017/7/1	Selective attenuation of electrophysiological activity of the dentate gyrus in a social defeat mouse model	JOURNAL OF PHYSIOLOGICAL SCIENCES	Vol.67 No.4 pp.507-513	Yuki Aoki, Yuya Nishimura, Timm Hondrich, Ryota Nakayama, Hideyoshi Igata, Takuya Sasaki, 池谷 裕二
2017/7/5	Stable and Dynamic Coding for Working Memory in Primate Prefrontal Cortex	JOURNAL OF NEUROSCIENCE	Vol.37 No.27 pp.6503-6516	Eelke Spaak, 渡邊 慶, Shintaro Funahashi, Mark G. Stokes
2017/8/7	Illusory Jitter Perceived at the Frequency of Alpha Oscillations	CURRENT BIOLOGY	Vol.27 No.15 pp.2344-2351	Sorato Minami, 天野 薫
2017/8/22	Longitudinal observations of progressive cardiac dysfunction in a cardiomyopathic animal model by self-gated cine imaging based on 11.7-T magnetic resonance imaging	SCIENTIFIC REPORTS	Vol.7 Article 9106 pp.1-10	齋藤 茂芳, Minoru Tanoue, Kasumi Masuda, 森 勇樹, Satoshi Nakatani, 吉岡 芳親, 村瀬 研也
2017/9/7	Effects of sedation on subjective perception of pain intensity and autonomic nervous responses to pain: A preliminary study	PLOS ONE	Vol.12 No.9 e0183635	Hongling Kang, 中江 文, Hiroshi Ito, Piyasak Vitayaburananont, 源 健宏, 池田 尊司, 宇阪 満里子, Takashi Mashimo, Yuji Fujino, Satoshi Hagihira
2017/9/27	Thermosensory Perceptual Learning Is Associated with Structural Brain Changes in Parietal-Opercular (SII) Cortex	JOURNAL OF NEUROSCIENCE	Vol.37 No.39 pp.9380-9388	眞野 博彰, 吉田 和子, Kazuhisa Shibata, Suyi Zhang, Martin Koltzenburg, 川人 光男, Ben Seymour
2017/10/1	A relative frame of reference underlies reversed depth perception in anticorrelated random-dot stereograms	JOURNAL OF VISION	Vol.17 No.12 Article 17 pp.1-17	Shuntaro C. Aoki, Hiroshi M. Shiozaki, 藤田 一郎
2017/10/2	Brain response patterns to economic inequity predict present and future depression indices	NATURE HUMAN BEHAVIOR	Vol.1 pp.748-756	田中 敏子, Takao Yamamoto, 春野 雅彦
2017/10/10	Polymer-brush-afforded SPIO Nanoparticles Show a Unique Biodistribution and MR Imaging Contrast in Mouse Organs	MAGNETIC RESONANCE IN MEDICAL SCIENCES	Vol.16 No.4 pp.275-283	Ting Chen, 森 勇樹, 乾 千珠子, Yutaka Komai, Yoshiyuki Tago, Shinichi Yoshida, Yoshitsugu Takabatake, Yoshitaka Isaka, Kohji Ohno, 吉岡 芳親
2017/10/27	Non-invasive detection of language-related prefrontal high gamma band activity with beamforming MEG	SCIENTIFIC REPORTS	Vol.7 Article 14262 pp.1-8	Hiroaki Hashimoto, Yuka Hasegawa, Toshihiko Araki, 菅田 陽伶, 柳澤 琢史, 依藤 史郎, 平田 雅之
2017/11/1	意味認知と脳内情報表現	人工知能学会誌	Vol.32 No.6 pp.857-862	西田 知史, 西本 伸志
2017/11/1	Development of Right-hemispheric Dominance of Inferior Parietal Lobule in Proprioceptive Illusion Task	CEREBRAL CORTEX	Vol.27 No.11 pp.5385-5397	内藤 栄一, 守田 知代, Daisuke N. Saito, Midori Ban, Koji Shimada, Yuko Okamoto, Hirota Kosaka, Hidehiko Okazawa, 浅田 稔
2017/11/1	A Behavioral Paradigm to Study Rats Dual-Task Performance under Head-Direction and Body-Location Tracking	ELECTRONICS AND COMMUNICATIONS IN JAPAN	Vol.100 No.11 pp.3-14	Kohei Matsuo, Taro Kaiju, Tomoaki Nakazono, 渡邊 慶, 鈴木 隆文
2017/11/1	Neural Signature of Inattentional Deafness	HUMAN BRAIN MAPPING	Vol.38 No.11 pp.5440-5455	Gautier Durantin, Frederic Dehais, Nicolas Gonthier, Cengiz Terzibas, Daniel E. Callan
2017/11/1	Transient heart rate acceleration in association with spontaneous eyeblinks	INTERNATIONAL JOURNAL OF PSYCHOPHYSIOLOGY	Vol.121 pp.56-62	中野 珠実, Chiho Kuriyama
2017/12/11	Spatial Representation of Hippocampal Place Cells in a T-Maze with an Aversive Stimulation	FRONTIERS IN NEURAL CIRCUITS	Vol.11 Article 101 pp.1-16	Sakura Okada, Hideyoshi Igata, Takuya Sasaki, 池谷 裕二

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2017/12/19	Subthalamic nucleus detects unnatural android movement	SCIENTIFIC REPORTS	Vol.7 Article 17851 pp.1-7	池田 尊司, 平田 雅之, Masashi Kasaki, Maryam Alimardani, 松下 光次郎, 山本 知幸, Shuichi Nishio, 石黒 浩
2018/1/1	BMP-2/7 heterodimer strongly induces bone regeneration in the absence of increased soft tissue inflammation	SPINE JOURNAL	Vol.18 No.1 pp.139-146	Takashi Kaito, Tokimitsu Morimoto, 森 勇樹, Sadaaki Kanayama, Takahiro Makino, Shota Takenaka, Yusuke Sakai, Satoru Otsuru, 吉岡 芳親, Hideki Yoshikawa
2018/1/1	Computational neuroanatomy of human stratum proprium of interparietal sulcus	BRAIN STRUCTURE & FUNCTION	Vol.223 No.1 pp.489-507	Maiko Uesaki, 竹村 浩昌, Hiroshi Ashida
2018/1/1	Toward an understanding of the neural mechanisms underlying dual-task performance: Contribution of comparative approaches using animal models	NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS	Vol.84 pp.12-28	渡邊 慶, Shintaro Funahashi
2018/1/1	Temporally coordinated spiking activity of human induced pluripotent stem cell-derived neurons co-cultured with astrocytes	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS	Vol.495 No.1 pp.1028-1033	Tasuku Kayama, Ikuro Suzuki, Aoi Odawara, Takuya Sasaki, 池谷 裕二
2018/1/10	Mapping stimulus feature selectivity in macaque V1 by two-photon Ca ²⁺ imaging: Encoding-model analysis of fluorescence responses to natural movies	NEUROIMAGE		Koji Ikezoe, Mahya Amano, 西本 伸志, 藤田 一郎
2018/1/10	Heterogeneous Redistribution of Facial Subcategory Information Within and Outside the Face-Selective Domain in Primate Inferior Temporal Cortex	CEREBRAL CORTEX	Vol.28 No.4 pp.1416-1431	Naohisa Miyakawa, Kei Majima, Hirohito Sawahata, Keisuke Kawasaki, Takeshi Matsuo, 小竹 直樹, 鈴木 隆文, Yukiyasu Kamitani, Isao Hasegawa
2018/1/25	Not explicit but implicit memory is influenced by individual perception style	PLOS ONE	Vol.13 No.1 e0191654	Kyoko Hine, 對馬 淑亮
2018/2/7	The Role of Human Primary Motor Cortex in the Production of Skilled Finger Sequences	JOURNAL OF NEUROSCIENCE	Vol.38 No.6 pp.1430-1442	横井 惇, Spencer A. Arbuckle, Jorn Diedrichsen
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