

主な研究業績

種類	著書/論文/論題名	掲載誌巻号/ 発行者/学会名	発表 年月	備考/ 執筆ページ
著書				
単著	くまもと食育ガイドブック第5章-6「健康と運動」	熊本県立大学くまもと食育 ガイドブック作成委員会編	2017	172-175
単著	スポーツ・運動生理学概説 第3章「神経の構造と機能」	明和出版	2011	19-60
共著	"Dopamine Neurons Encode Teaching Signals for Learning Reward-Based Decision Strategy." in International Congress Series 1250 - Cognition and Emotion in the Brain	Elsevier B.V.	2003	311-318
共著	"The Effect of Unilateral Nigrostriatal Dopamine Depletion on Learned Hand-Eye Coordination in Monkeys." in THE BASAL GANGLIA V	Plenum press	1997	201-207
共著	"The Effects of Unilateral Nigrostriatal Dopamine Depletion on Learning and Memory of Sequential Motor Tasks in Monkey". in Brain Processes and Memory	Elsevier Science	1996	307-315
論文				
単著	減量支援時の歩数アプリの利用は減量および身体活動量に影響するか	肥満研究		(印刷中)
共著	Tonically Active Neurons in the Monkey Dorsal Striatum Signal Outcome Feedback during Trial-and-Error Search Behavior.	Neuroscience	2020年8月	DOI: https://doi.org/10.1016/j.neuroscience.2020.08.007
共著	Dose of Alcohol from Beer Required for Acute Reduction in Arterial Stiffness.	Front Physiol	2020年8月	DOI: https://doi.org/10.3389/fphys.2020.01033
共著	Topographic Distinction in Long-Term Value Signals between Presumed Dopamine Neurons and Striatal Projection Neurons in Behaving Monkeys.	Scientific Reports	2020年6月	DOI: https://doi.org/10.1038/s41598-020-65914-0
共著	継続的な緑茶の摂取が若年者の体脂肪と動脈ステイフネスに及ぼす影響 -無作為割り付け介入試験-	体力科学	2020年6月	69: 249-259
共著	Characteristics of Blood Pressure, Arterial Stiffness, and Physical Fitness in Older Adult Japanese Community Dwellers: A Cross-sectional Observational Study.	J Phys Fitness Sports Med	2019年9月	8: 187-193
共著	Effects of Regular High-cocoa Chocolate Intake on Arterial Stiffness and Metabolic Characteristics during Exercise.	Nutrition	2019年4月	60: 53-58
共著	ポケモンGOのプレイが日常歩数に及ぼす影響 -日本人男子大学生を対象とした後ろ向き観察研究-	体力科学	2018	67: 237-243
共著	Distinct Functions of the Primate Putamen Direct and Indirect Pathways in Adaptive Outcome-Based Action Selection.	Front Neuroanat	2017	DOI: 10.3389/fnana.2017.00066
共著	Ingesting a Small Amount of Beer Reduces Arterial Stiffness in Healthy Humans.	Physiol Rep	2017	DOI: 10.14814/phy2.13381
共著	Objective and Subjective Eating Speeds are Related to Body Composition and Shape in Female College Students.	J Neutr Sci Vitaminol	2017	63: 174-179

共著	Habitually Increasing Physical Activity in Daily Life during 8-week Intervention Reduces Arterial stiffness in Older Women: A Community-based Pilot Study.	J Sports Med Phys Fitness	2017	DOI: 10.23736/S0022-4707.17.07238-3
共著	低酸素環境下での骨格筋電気刺激が動脈スティフネスと糖代謝に及ぼす影響に効果が得られる健康増進方法の開発・提案	デザントスポーツ科学	2017	38: 89-97
共著	アクティブガイドにおけるスローガンの実施・達成がメンタルヘルスに及ぼす影響の検討ー"プラス10"の取り組みは認知症やうつ傾向予防に本当に効果的なのか?ー	健康科学研究助成成果報告書	2017	32:45-50
共著	Roles of Centromedian Parafascicular Nuclei of Thalamus and Cholinergic Interneurons in the Dorsal Striatum in Associative Learning of Environmental Events.	Journal of Neural Transmission	2017	doi:10.1007/s00702-017-1713-z
共著	Metabolic Responses to Exercise on Land and in Water following Glucose Ingestion.	Clinical Physiology and Functional Imaging	2016	DOI: 10.1111/cpf.12404
共著	Arterial Stiffness in Young Adult Swimmers.	European Journal of Applied Physiology	2016	doi: 10.1007/s00421-016-3505-9
共著	A Pilot Lifestyle Intervention Study: Effects of an Intervention Using an Activity Monitor and Twitter on Physical Activity and Body Composition.	The Journal of Sports Medicine and Physical Fitness	2016	doi: 10.23736/S0022-4707.16.06208-3
共著	事前に行う短期間中強度運動が単純加算および視覚的記憶課題に及ぼす影響	日本生理人類学会誌	2016	21: 59-68
共著	Four Weeks of Regular Static Stretching Reduces Arterial Stiffness in Middle-Aged Men.	SpringerPlus	2015	4: 555 DOI 10.1186/s40064-015-1337-4
共著	Combined Effect of Coffee Ingestion and Repeated Bouts of Low-Intensity Exercise on Fat Oxidation.	Clinical Physiology and Functional Imaging	2015	doi: 10.1111/cpf.12279
共著	Physical Activity and Lifestyle Intervention.	The Journal of Physical Fitness and Sports Medicine	2015	4: 187-195
共著	Pilot Crossover Study: Effects of an Intervention Using an ActivityMonitor With Computerized Game Functions on Physical Activity and BodyComposition.	Journal of Physiological Anthropology	2014	doi: 10.1186/1880-6805-33-35
共著	Sex Differences in Flexibility-Arterial Stiffness Relationship and Its Application for Diagnosis of Arterial Stiffening: A Cross-Sectional Observational Study.	PLoS ONE	2014	9(11): e113646. doi:10.1371/journal.pone.0113646
共著	身体活動基準をより短時間で充足するための新しい歩行方法の検討	体力科学	2013	62: 383-390
共著	活動量計とTwitterを併用した生活介入が身体活動量に与える影響ー無作為割り付け介入試験ー	体力科学	2013	62: 293-302
共著	Coding of the Long-Term Value of Multiple Future Rewards in the Primate Striatum.	Journal of Neurophysiology	2013	109: 1140-1151
共著	新しいゲーム機能付き活動量計で得られる日常生活時の歩数と身体活動量に関する検討	トレーニング科学	2012	24: 193-201
共著	ゲーム機能付き活動量計を用いた生活介入が身体活動量に与える影響ー無作為割り付けクロスオーバー試験ー	体力科学	2012	61: 335-341
共著	Dopamine Neurons Learn to Encode the Long-Term Value of Multiple Future Rewards.	PNAS	2011	108: 15462-15467
共著	Neuronal Basis for Evaluating Selected Action in the Primate Striatum.	European Journal of Neuroscience	2011	34: 489-506
共著	Inactivation of the Putamen Selectively Impairs Reward History-Based Action Selection.	Experimental Brain Research	2011	209: 235-246

共著	Juxtacellular Labeling of Tonicly Active Neurons (TANs) and Phasically Active Neurons (PANs) in Rat Striatum.	Neuroscience	2010	168: 395-404
共著	What Does the Habenula Tell Dopamine Neurons?	Nature Neuroscience	2007	10: 677-678
共著	History- and Current Instruction-Based Coding of Forthcoming Behavioral Outcomes in the Striatum.	Journal of Neurophysiology	2007	98: 3557-3567
共著	Monitoring and Switching of Cortico-Basal Ganglia Loop Functions by the Thalamo-Striatal System.	Neuroscience Research	2004	48: 355-360
共著	Tonicly Active Neurons in the Primate Caudate Nucleus and Putamen Differentially Encode Instructed Motivational Outcomes of Action.	Journal of Neuroscience	2004	24: 3500-3510
共著	Tonicly Active Neurons in the Striatum Encode Motivational Context of Action.	Brain and Development	2003	25(suppl. 1): 20-23
共著	Goal-Directed, Serial and Synchronous Activation of Neurons in the Primate Striatum.	Neuroreport	2003	14: 799-802
共著	Involvement of the Basal Ganglia and Dopamine System in Learning and Execution of Goal-Directed Behavior.	Advances in Behavioral Biology	2002	53: 377-380
共著	Neurons in the Thalamic CM-Pf Complex Supply Striatal Neurons with Information about Behaviorally Significant Sensory Events.	Journal of Neurophysiology	2001	85: 960-976
共著	大脳基底核の学習機能	脳21	2000	3: 299-304
共著	Role of Nigrostriatal Dopamine System in Learning to Perform Sequential Motor Tasks in a Predictive Manner.	Journal of Neurophysiology	1999	82: 978-998
共著	Neuronal Activity in the Basal Ganglia: Functional Implications.	Advances in Neurology	1997	74: 111-118
共著	Nigrostriatal Dopamine System May Contribute to Behavioral Learning Through Providing Reinforcement Signals to the Striatum.	European Neurology	1997	38(suppl. 1): 11-17
共著	Neural Information Transferred From the Putamen to the Globus Pallidus During Learned Movement in the Monkey.	Journal of Neurophysiology	1996	76: 3771-3788
その他				
単著	順序運動の学習と大脳基底核 (カラーグラフィ)	脳21	2000	3: 280-283
共著	生活活動量増進を促す身体活動量マップの作成とその地域振興への利用	SSFスポーツ政策研究	2013	2: 72-78