

Ippeita Dan

List of Publications by Year in descending order

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116
papers

9,083
citations

76326

40
h-index

42399

92
g-index

120
all docs

120
docs citations

120
times ranked

7316
citing authors

#	ARTICLE	IF	CITATIONS
1	A deep convolutional neural network for estimating hemodynamic response function with reduction of motion artifacts in fNIRS. <i>Journal of Neural Engineering</i> , 2022, 19, 016017.	3.5	6
2	Toward Sensibility Evaluation of Effects of Environment Using fNIRS Neuroimaging. <i>Transactions of Japan Society of Kansei Engineering</i> , 2022, 20, 14-23.	0.1	0
3	Therapeutic Garden With Contemplative Features Induces Desirable Changes in Mood and Brain Activity in Depressed Adults. <i>Frontiers in Psychiatry</i> , 2022, 13, 757056.	2.6	17
4	Best practices for fNIRS publications. <i>Neurophotonics</i> , 2021, 8, 012101.	3.3	142
5	Native non-prototypicality in vowel perception induces prominent neuromagnetic mismatch intensities in non-native speakers: a pilot study. <i>Experimental Brain Research</i> , 2021, 239, 937-953.	1.5	1
6	Language Familiarity and Proficiency Leads to Differential Cortical Processing During Translation Between Distantly Related Languages. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 593108.	2.0	6
7	Hemodynamic Response to Three Types of Urban Spaces before and after Lockdown during the COVID-19 Pandemic. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6118.	2.6	51
8	A Willingness-to-Pay Associated Right Prefrontal Activation During a Single, Real Use of Lipsticks as Assessed Using Functional Near-Infrared Spectroscopy. <i>Frontiers in Neuroergonomics</i> , 2021, 2, .	1.1	3
9	Trajectories of Posttraumatic Growth and Their Associations With Quality of Life After the 2011 Tohoku Earthquake and Tsunami. <i>Journal of Traumatic Stress</i> , 2020, 34, 512-525.	1.8	6
10	Using a Data-Driven Approach to Estimate Second-Language Proficiency From Brain Activation: A Functional Near-Infrared Spectroscopy Study. <i>Frontiers in Neuroscience</i> , 2020, 14, 694.	2.8	2
11	Head errors of syntactic dependency increase neuromagnetic mismatch intensities. <i>Experimental Brain Research</i> , 2020, 238, 2137-2160.	1.5	3
12	Atypical Dynamic-Connectivity Recruitment in Attention-Deficit/Hyperactivity Disorder Children: An Insight Into Task-Based Dynamic Connectivity Through an fNIRS Study. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 3.	2.0	16
13	Acute administration of methylphenidate differentially affects cortical processing of emotional facial expressions in attention-deficit hyperactivity disorder children as studied by functional near-infrared spectroscopy. <i>Neurophotonics</i> , 2020, 7, 1.	3.3	6
14	Maternal speech shapes the cerebral frontotemporal network in neonates: A hemodynamic functional connectivity study. <i>Developmental Cognitive Neuroscience</i> , 2019, 39, 100701.	4.0	16
15	Biases in paired preference tests: Cross-cultural comparison of Japanese and American consumers. <i>Journal of Sensory Studies</i> , 2019, 34, e12498.	1.6	3
16	Distinct Methylphenidate-Evoked Response Measured Using Functional Near-Infrared Spectroscopy During Go/No-Go Task as a Supporting Differential Diagnostic Tool Between Attention-Deficit/Hyperactivity Disorder and Autism Spectrum Disorder Comorbid Children. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 7.	2.0	22
17	Willingness-to-Pay-Associated Right Prefrontal Activation During a Single, Real Use of Cosmetics as Revealed by Functional Near-Infrared Spectroscopy. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 16.	2.0	12
18	Exploring attentive task-based connectivity for screening attention deficit/hyperactivity disorder children: a functional near-infrared spectroscopy study. <i>Neurophotonics</i> , 2019, 6, 1.	3.3	9

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19	The neural basis underlying impaired recognition of angry expression in ADHD children measured by near-infrared spectroscopy. <i>Journal of Vision</i> , 2019, 19, 24c.	0.3	0
20	Neural basis of facial expression processing of ADHD children measured by functional near-infrared spectroscopy. <i>The Proceedings of the Annual Convention of the Japanese Psychological Association</i> , 2019, 83, 1D-041-1D-041.	0.0	0
21	Neural basis for reduced executive performance with hypoxic exercise. <i>NeuroImage</i> , 2018, 171, 75-83.	4.2	42
22	Exploring Tourists's™ Perceptions of Traditional and Contemporary Hot Springs Hotels in Japan. <i>International Journal of Hospitality and Tourism Administration</i> , 2018, 19, 336-360.	2.5	7
23	A transferable high-intensity intermittent exercise improves executive performance in association with dorsolateral prefrontal activation in young adults. <i>NeuroImage</i> , 2018, 169, 117-125.	4.2	119
24	Cerebral Hemodynamic Response During Concealment of Information About a Mock Crime: Application of a General Linear Model With an Adaptive Hemodynamic Response Function. <i>Japanese Psychological Research</i> , 2018, 60, 311-326.	1.1	5
25	Hypoactivation of the Right Prefrontal Cortex Underlying Motor-Related Inhibitory Deficits in Children with Autism Spectrum Disorder: A Functional Near-Infrared Spectroscopy Study. <i>Japanese Psychological Research</i> , 2018, 60, 251-264.	1.1	8
26	Editorial: fNIRS in Psychological Research: Functional Neuroimaging Beyond Conventional Fields. <i>Japanese Psychological Research</i> , 2018, 60, 191-195.	1.1	0
27	Explicit Performance in Girls and Implicit Processing in Boys: A Simultaneous fNIRS-ERP Study on Second Language Syntactic Learning in Young Adolescents. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 62.	2.0	11
28	Comprehension-Dependent Cortical Activation During Speech Comprehension Tasks with Multiple Languages: Functional Near-Infrared Spectroscopy Study. <i>Japanese Psychological Research</i> , 2018, 60, 300-310.	1.1	9
29	Mental representation of domestic cooking operations among Japanese consumers. <i>International Journal of Gastronomy and Food Science</i> , 2018, 13, 38-46.	3.0	2
30	Atypical neural modulation in the right prefrontal cortex during an inhibitory task with eye gaze in autism spectrum disorder as revealed by functional near-infrared spectroscopy. <i>Neurophotonics</i> , 2018, 5, 1.	3.3	12
31	Adaptive algorithm utilizing acceptance rate for eliminating noisy epochs in block-design functional near-infrared spectroscopy data: application to study in attention deficit/hyperactivity disorder children. <i>Neurophotonics</i> , 2018, 5, 1.	3.3	4
32	A semi-learning algorithm for noise rejection: an fNIRS study on ADHD children. , 2017, , .		0
33	Macroanatomical Landmarks Featuring Junctions of Major Sulci and Fissures and Scalp Landmarks Based on the International 10-10 System for Analyzing Lateral Cortical Development of Infants. <i>Frontiers in Neuroscience</i> , 2017, 11, 394.	2.8	15
34	Detection of resting state functional connectivity using partial correlation analysis: A study using multi-distance and whole-head probe near-infrared spectroscopy. <i>NeuroImage</i> , 2016, 142, 590-601.	4.2	40
35	MinR 10/20 system: Quantitative and reproducible cranial landmark setting method for MRI based on minimum initial reference points. <i>Journal of Neuroscience Methods</i> , 2016, 264, 86-93.	2.5	19
36	The association between aerobic fitness and cognitive function in older men mediated by frontal lateralization. <i>NeuroImage</i> , 2016, 125, 291-300.	4.2	86

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37	Effects of sex and proficiency in second language processing as revealed by a large-scale fNIRS study of school-aged children. <i>Human Brain Mapping</i> , 2015, 36, 3890-3911.	3.6	12
38	Exploring effective multiplicity in multichannel functional near-infrared spectroscopy using eigenvalues of correlation matrices. <i>Neurophotonics</i> , 2015, 2, 015002.	3.3	7
39	Rice deprivation affects rice cravings in Japanese people. <i>Food Quality and Preference</i> , 2015, 46, 9-16.	4.6	2
40	Determination of epileptic focus side in mesial temporal lobe epilepsy using long-term noninvasive fNIRS/EEG monitoring for presurgical evaluation. <i>Neurophotonics</i> , 2015, 2, 025003.	3.3	18
41	Anatomical guidance for functional near-infrared spectroscopy: AtlasViewer tutorial. <i>Neurophotonics</i> , 2015, 2, 020801.	3.3	269
42	Individual classification of ADHD children by right prefrontal hemodynamic responses during a go/no-go task as assessed by fNIRS. <i>NeuroImage: Clinical</i> , 2015, 9, 1-12.	2.7	80
43	Neuropharmacological effect of atomoxetine on attention network in children with attention deficit hyperactivity disorder during oddball paradigms as assessed using functional near-infrared spectroscopy. <i>Neurophotonics</i> , 2014, 1, 025007.	3.3	27
44	Neuropharmacological effect of methylphenidate on attention network in children with attention deficit hyperactivity disorder during oddball paradigms as assessed using functional near-infrared spectroscopy. <i>Neurophotonics</i> , 2014, 1, 015001.	3.3	27
45	Optimizing the general linear model for functional near-infrared spectroscopy: an adaptive hemodynamic response function approach. <i>Neurophotonics</i> , 2014, 1, 015004.	3.3	71
46	Acute neuropharmacological effects of atomoxetine on inhibitory control in ADHD children: A fNIRS study. <i>NeuroImage: Clinical</i> , 2014, 6, 192-201.	2.7	44
47	Positive effect of acute mild exercise on executive function via arousal-related prefrontal activations: An fNIRS study. <i>NeuroImage</i> , 2014, 98, 336-345.	4.2	287
48	Referential framework for transcranial anatomical correspondence for fNIRS based on manually traced sulci and gyri of an infant brain. <i>Neuroscience Research</i> , 2014, 80, 55-68.	1.9	26
49	Direct cortical hemodynamic mapping of somatotopy of pig nostril sensation by functional near-infrared cortical imaging (fNCI). <i>NeuroImage</i> , 2014, 91, 138-145.	4.2	3
50	Spatial registration for functional near-infrared spectroscopy: From channel position on the scalp to cortical location in individual and group analyses. <i>NeuroImage</i> , 2014, 85, 92-103.	4.2	198
51	Effect of auditory input on activations in infant diverse cortical regions during audiovisual processing. <i>Human Brain Mapping</i> , 2013, 34, 543-565.	3.6	31
52	Extrinsic information influences taste and flavor perception: A review from psychological and neuroimaging perspectives. <i>Seminars in Cell and Developmental Biology</i> , 2013, 24, 247-255.	5.0	49
53	Language-specific cortical activation patterns for verbal fluency tasks in Japanese as assessed by multichannel functional near-infrared spectroscopy. <i>Brain and Language</i> , 2013, 126, 208-216.	1.6	25
54	Evoked potential mapping of the rostral region by frameless navigation system in Mexican hairless pig. <i>Journal of Neuroscience Methods</i> , 2013, 212, 100-105.	2.5	1

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55	Superiority of Experts Over Novices in Trueness and Precision of Concentration Estimation of Sodium Chloride Solutions. <i>Chemical Senses</i> , 2013, 38, 251-258.	2.0	2
56	Analyzing comprehensive palatability of cheese products by multivariate regression to its subdomains. <i>Food Science and Nutrition</i> , 2013, 1, 369-376.	3.4	8
57	Memory Color Effect Induced by Familiarity of Brand Logos. <i>PLoS ONE</i> , 2013, 8, e68474.	2.5	15
58	Adaptive hemodynamic response function to optimize differential temporal information of hemoglobin signals in functional near-infrared spectroscopy. , 2012, , .		4
59	Validating atlas-guided DOT: A comparison of diffuse optical tomography informed by atlas and subject-specific anatomies. <i>NeuroImage</i> , 2012, 62, 1999-2006.	4.2	81
60	Right prefrontal activation as a neuro-functional biomarker for monitoring acute effects of methylphenidate in ADHD children: An fNIRS study. <i>NeuroImage: Clinical</i> , 2012, 1, 131-140.	2.7	65
61	Acute moderate exercise enhances compensatory brain activation in older adults. <i>Neurobiology of Aging</i> , 2012, 33, 2621-2632.	3.1	184
62	Reaction time as an indicator of stimulus-response binding in affective judgment of visual stimuli¹. <i>Japanese Psychological Research</i> , 2012, 54, 335-347.	1.1	3
63	Dish influences implicit gender-based food stereotypes among young Japanese adults. <i>Appetite</i> , 2012, 58, 940-945.	3.7	11
64	Stable and convenient spatial registration of stand-alone NIRS data through anchor-based probabilistic registration. <i>Neuroscience Research</i> , 2012, 72, 163-171.	1.9	72
65	Clinically-oriented monitoring of acute effects of methylphenidate on cerebral hemodynamics in ADHD children using fNIRS. <i>Clinical Neurophysiology</i> , 2012, 123, 1147-1157.	1.5	55
66	Package images modulate flavors in memory: Incidental learning of fruit juice flavors. <i>Food Quality and Preference</i> , 2012, 24, 92-98.	4.6	14
67	Conceptualization of food choice motives and consumption among Japanese in light of meal, gender, and age effects. <i>Food Quality and Preference</i> , 2012, 24, 213-217.	4.6	16
68	Cognitive and Psychological Reactions of the General Population Three Months After the 2011 Tohoku Earthquake and Tsunami. <i>PLoS ONE</i> , 2012, 7, e31014.	2.5	35
69	Multichannel fNIRS assessment of overt and covert confrontation naming. <i>Brain and Language</i> , 2012, 121, 185-193.	1.6	35
70	Process-specific prefrontal contributions to episodic encoding and retrieval of tastes: A functional NIRS study. <i>NeuroImage</i> , 2011, 54, 1578-1588.	4.2	43
71	Monitoring cortical hemodynamic changes after sumatriptan injection during migraine attack by near-infrared spectroscopy. <i>Neuroscience Research</i> , 2011, 69, 60-66.	1.9	17
72	Gender-Based Food Stereotypes Among Young Japanese. , 2011, , 2201-2213.		3

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73	Conjoint Analysis on the Purchase Intent for Traditional Fermented Soy Product (<i>Natto</i>) among Japanese Housewives. Journal of Food Science, 2011, 76, S217-24.	3.1	21
74	Effects of environmental context on temporal perception bias in apparent motion. Vision Research, 2011, 51, 1728-1740.	1.4	12
75	Sound to Language: Different Cortical Processing for First and Second Languages in Elementary School Children as Revealed by a Large-Scale Study Using fNIRS. Cerebral Cortex, 2011, 21, 2374-2393.	2.9	53
76	Progress in Optical Imaging of Brain Function. Journal of the Nihon University Medical Association, 2011, 70, 145-149.	0.0	1
77	Infants's™ recognition of objects using canonical color. Journal of Experimental Child Psychology, 2010, 105, 256-263.	1.4	24
78	Eating habits in childhood relate to preference for traditional diets among young Japanese. Food Quality and Preference, 2010, 21, 843-848.	4.6	12
79	Package images modulate flavor perception for orange juice. Food Quality and Preference, 2010, 21, 867-872.	4.6	49
80	Influence of luminance distribution on the appetizingly fresh appearance of cabbage. Appetite, 2010, 54, 363-368.	3.7	46
81	Interactive effects of carbon footprint information and its accessibility on value and subjective qualities of food products. Appetite, 2010, 55, 271-278.	3.7	46
82	Anatomical atlas-guided diffuse optical tomography of brain activation. NeuroImage, 2010, 49, 561-567.	4.2	125
83	Acute moderate exercise elicits increased dorsolateral prefrontal activation and improves cognitive performance with Stroop test. NeuroImage, 2010, 50, 1702-1710.	4.2	437
84	Mapping of Optical Pathlength of Human Adult Head at Multi-Wavelengths in Near Infrared Spectroscopy. Advances in Experimental Medicine and Biology, 2010, 662, 205-212.	1.6	43
85	The effects of rice deprivation and rice stimulus on rice craving. The Proceedings of the Annual Convention of the Japanese Psychological Association, 2010, 74, 1AM002-1AM002.	0.0	0
86	Prefrontal Activation Associated with Social Attachment: Facial-Emotion Recognition in Mothers and Infants. Cerebral Cortex, 2009, 19, 284-292.	2.9	215
87	Influences of Food-Name Labels on Perceived Tastes. Chemical Senses, 2009, 34, 187-194.	2.0	36
88	Sound enhances detection of visual target during infancy: A study using illusory contours. Journal of Experimental Child Psychology, 2009, 102, 315-322.	1.4	4
89	Activation in ventro-lateral prefrontal cortex during the act of tasting: An fNIRS study. Neuroscience Letters, 2009, 451, 129-133.	2.1	20
90	Implicit gender-based food stereotypes. Semantic priming experiments on young Japanese. Appetite, 2009, 52, 521-524.	3.7	30

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91	Structural atlas-based spatial registration for functional near-infrared spectroscopy enabling inter-study data integration. <i>Clinical Neurophysiology</i> , 2009, 120, 1320-1328.	1.5	40
92	p21 activated kinase 5 activates Raf-1 and targets it to mitochondria. <i>Journal of Cellular Biochemistry</i> , 2008, 105, 167-175.	2.6	52
93	Fast (100-175ms) components elicited bilaterally by language production as measured by three-wavelength optical imaging. <i>Brain Research</i> , 2008, 1226, 124-133.	2.2	17
94	Consumer valuation of packaged foods. Interactive effects of amount and accessibility of information. <i>Appetite</i> , 2008, 51, 628-634.	3.7	21
95	Differential activation of frontal and parietal regions during visual word recognition: An optical topography study. <i>NeuroImage</i> , 2008, 40, 1340-1349.	4.2	45
96	Toward standardizing spatial analysis for optical topography. , 2007, , .		2
97	First bite for hardness judgment as haptic exploratory procedure. <i>Physiology and Behavior</i> , 2007, 92, 601-610.	2.1	18
98	10/20, 10/10, and 10/5 systems revisited: Their validity as relative head-surface-based positioning systems. <i>NeuroImage</i> , 2007, 34, 1600-1611.	4.2	1,153
99	Virtual spatial registration of stand-alone fNIRS data to MNI space. <i>NeuroImage</i> , 2007, 34, 1506-1518.	4.2	523
100	Functional near-infrared spectroscopy for human brain mapping of taste-related cognitive functions. <i>Journal of Bioscience and Bioengineering</i> , 2007, 103, 207-215.	2.2	26
101	Prefrontal activity during taste encoding: An fNIRS study. <i>NeuroImage</i> , 2006, 31, 796-806.	4.2	67
102	Exploring the false discovery rate in multichannel NIRS. <i>NeuroImage</i> , 2006, 33, 542-549.	4.2	327
103	Prefrontal activity during flavor difference test: Application of functional near-infrared spectroscopy to sensory evaluation studies. <i>Appetite</i> , 2006, 47, 220-232.	3.7	21
104	Signaling by the kinase MINK is essential in the negative selection of autoreactive thymocytes. <i>Nature Immunology</i> , 2005, 6, 65-72.	14.5	55
105	Automated cortical projection of head-surface locations for transcranial functional brain mapping. <i>NeuroImage</i> , 2005, 26, 18-28.	4.2	212
106	Virtual 10-20 measurement on MR images for inter-modal linking of transcranial and tomographic neuroimaging methods. <i>NeuroImage</i> , 2005, 26, 1184-1192.	4.2	60
107	Spatial registration of multichannel multi-subject fNIRS data to MNI space without MRI. <i>NeuroImage</i> , 2005, 27, 842-851.	4.2	580
108	Three-dimensional probabilistic anatomical cranio-cerebral correlation via the international 10-20 system oriented for transcranial functional brain mapping. <i>NeuroImage</i> , 2004, 21, 99-111.	4.2	1,111

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109	Multimodal assessment of cortical activation during apple peeling by NIRS and fMRI. <i>NeuroImage</i> , 2004, 21, 1275-1288.	4.2	203
110	EFFECTS OF TEXTURAL CHANGES IN COOKED APPLES ON THE HUMAN BITE, AND INSTRUMENTAL TESTS. <i>Journal of Texture Studies</i> , 2003, 34, 499-514.	2.5	18
111	Cloning of MASK, a Novel Member of the Mammalian Germinal Center Kinase III Subfamily, with Apoptosis-inducing Properties. <i>Journal of Biological Chemistry</i> , 2002, 277, 5929-5939.	3.4	53
112	Overlapping of MINK and CHRNE gene loci in the course of mammalian evolution. <i>Nucleic Acids Research</i> , 2002, 30, 2906-2910.	14.5	16
113	Cloning and characterization of PAK5, a novel member of mammalian p21-activated kinase-II subfamily that is predominantly expressed in brain. <i>Oncogene</i> , 2002, 21, 3939-3948.	5.9	114
114	The Ste20 group kinases as regulators of MAP kinase cascades. <i>Trends in Cell Biology</i> , 2001, 11, 220-230.	7.9	552
115	Molecular cloning of MINK, a novel member of mammalian GCK family kinases, which is up-regulated during postnatal mouse cerebral development. <i>FEBS Letters</i> , 2000, 469, 19-23.	2.8	63
116	fNIRS-Based Clinical Assessment of ADHD Children. , 0, , .		0