Ippeita Dan

List of Publications by Year
in descending order

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	10/20, 10/10, and 10/5 systems revisited: Their validity as relative head-surface-based positioning systems. NeuroImage, 2007, 34, 1600-1611.	4.2	1,153
2	Three-dimensional probabilistic anatomical cranio-cerebral correlation via the international 10â€“20 system oriented for transcranial functional brain mapping. NeuroImage, 2004, 21, 99-111.	4.2	1,111
3	Spatial registration of multichannel multi-subject fNIRS data to MNI space without MRI. NeuroImage, 2005, 27, 842-851.	4.2	580
4	The Ste20 group kinases as regulators of MAP kinase cascades. Trends in Cell Biology, 2001, 11, 220-230.	7.9	552
5	Virtual spatial registration of stand-alone fNIRS data to MNI space. NeuroImage, 2007, 34, 1506-1518.	4.2	523
6	Acute moderate exercise elicits increased dorsolateral prefrontal activation and improves cognitive performance with Stroop test. NeuroImage, 2010, 50, 1702-1710.	4.2	437
7	Exploring the false discovery rate in multichannel NIRS. NeuroImage, 2006, 33, 542-549.	4.2	327
8	Positive effect of acute mild exercise on executive function via arousal-related prefrontal activations: An fNIRS study. NeuroImage, 2014, 98, 336-345.	4.2	287
9	Anatomical guidance for functional near-infrared spectroscopy: AtlasViewer tutorial. Neurophotonics, 2015, 2, 020801.	3.3	269
10	Prefrontal Activation Associated with Social Attachment: Facial-Emotion Recognition in Mothers and Infants. Cerebral Cortex, 2009, 19, 284-292.	2.9	215
11	Automated cortical projection of head-surface locations for transcranial functional brain mapping. NeuroImage, 2005, 26, 18-28.	4.2	212
12	Multimodal assessment of cortical activation during apple peeling by NIRS and fMRI. NeuroImage, 2004, 21, 1275-1288.	4.2	203
13	Spatial registration for functional near-infrared spectroscopy: From channel position on the scalp to cortical location in individual and group analyses. NeuroImage, 2014, 85, 92-103.	4.2	198
14	Acute moderate exercise enhances compensatory brain activation in older adults. Neurobiology of Aging, 2012, 33, 2621-2632.	3.1	184
15	Best practices for fNIRS publications. Neurophotonics, 2021, 8, 012101.	3.3	142
16	Anatomical atlas-guided diffuse optical tomography of brain activation. NeuroImage, 2010, 49, 561-567.	4.2	125
17	A transferable high-intensity intermittent exercise improves executive performance in association with dorsolateral prefrontal activation in young adults. NeuroImage, 2018, 169, 117-125.	4.2	119
18	Cloning and characterization of PAK5, a novel member of mammalianp21-activated kinase-II subfamily that is predominantly expressed in brain. Oncogene, 2002, 21, 3939-3948.	5.9	114

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19	The association between aerobic fitness and cognitive function in older men mediated by frontal lateralization. NeuroImage, 2016, 125, 291-300.	4.2	86
20	Validating atlas-guided DOT: A comparison of diffuse optical tomography informed by atlas and subject-specific anatomies. NeuroImage, 2012, 62, 1999-2006.	4.2	81
21	Individual classification of ADHD children by right prefrontal hemodynamic responses during a go/no-go task as assessed by fNIRS. NeuroImage: Clinical, 2015, 9, 1-12.	2.7	80
22	Stable and convenient spatial registration of stand-alone NIRS data through anchor-based probabilistic registration. Neuroscience Research, 2012, 72, 163-171.	1.9	72
23	Optimizing the general linear model for functional near-infrared spectroscopy: an adaptive hemodynamic response function approach. Neurophotonics, 2014, 1, 015004.	3.3	71
24	Prefrontal activity during taste encoding: An fNIRS study. NeuroImage, 2006, 31, 796-806.	4.2	67
25	Right prefrontal activation as a neuro-functional biomarker for monitoring acute effects of methylphenidate in ADHD children: An fNIRS study. NeuroImage: Clinical, 2012, 1, 131-140.	2.7	65
26	Molecular cloning of MINK, a novel member of mammalian GCK family kinases, which is up-regulated during postnatal mouse cerebral development. FEBS Letters, 2000, 469, 19-23.	2.8	63
27	Virtual 10â€“20 measurement on MR images for inter-modal linking of transcranial and tomographic neuroimaging methods. NeuroImage, 2005, 26, 1184-1192.	4.2	60
28	Signaling by the kinase MINK is essential in the negative selection of autoreactive thymocytes. Nature Immunology, 2005, 6, 65-72.	14.5	55
29	Clinically-oriented monitoring of acute effects of methylphenidate on cerebral hemodynamics in ADHD children using fNIRS. Clinical Neurophysiology, 2012, 123, 1147-1157.	1.5	55
30	Cloning of MASK, a Novel Member of the Mammalian Germinal Center Kinase III Subfamily, with Apoptosis-inducing Properties. Journal of Biological Chemistry, 2002, 277, 5929-5939.	3.4	53
31	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
32	p21 activated kinase 5 activates Rafâ€1 and targets it to mitochondria. Journal of Cellular Biochemistry, 2008, 105, 167-175.	2.6	52
33	Hemodynamic Response to Three Types of Urban Spaces before and after Lockdown during the COVID-19 Pandemic. International Journal of Environmental Research and Public Health, 2021, 18, 6118.	2.6	51
34	Package images modulate flavor perception for orange juice. Food Quality and Preference, 2010, 21, 867-872.	4.6	49
35	Extrinsic information influences taste and flavor perception: A review from psychological and neuroimaging perspectives. Seminars in Cell and Developmental Biology, 2013, 24, 247-255.	5.0	49
36	Influence of luminance distribution on the appetizingly fresh appearance of cabbage. Appetite, 2010, 54, 363-368.	3.7	46

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37	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
38	Differential activation of frontal and parietal regions during visual word recognition: An optical topography study. NeuroImage, 2008, 40, 1340-1349.	4.2	45
39	Acute neuropharmacological effects of atomoxetine on inhibitory control in ADHD children: A fNIRS study. NeuroImage: Clinical, 2014, 6, 192-201.	2.7	44
40	Process-specific prefrontal contributions to episodic encoding and retrieval of tastes: A functional NIRS study. NeuroImage, 2011, 54, 1578-1588.	4.2	43
41	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
42	Neural basis for reduced executive performance with hypoxic exercise. NeuroImage, 2018, 171, 75-83.	4.2	42
43	Structural atlas-based spatial registration for functional near-infrared spectroscopy enabling inter-study data integration. Clinical Neurophysiology, 2009, 120, 1320-1328.	1.5	40
44	Detection of resting state functional connectivity using partial correlation analysis: A study using multi-distance and whole-head probe near-infrared spectroscopy. NeuroImage, 2016, 142, 590-601.	4.2	40
45	Influences of Food-Name Labels on Perceived Tastes. Chemical Senses, 2009, 34, 187-194.	2.0	36
46	Cognitive and Psychological Reactions of the General Population Three Months After the 2011 Tohoku Earthquake and Tsunami. PLoS ONE, 2012, 7, e31014.	2.5	35
47	Multichannel fNIRS assessment of overt and covert confrontation naming. Brain and Language, 2012, 121, 185-193.	1.6	35
48	Effect of auditory input on activations in infant diverse cortical regions during audiovisual processing. Human Brain Mapping, 2013, 34, 543-565.	3.6	31
49	Implicit gender-based food stereotypes. Semantic priming experiments on young Japanese. Appetite, 2009, 52, 521-524.	3.7	30
50	Neuropharmacological effect of atomoxetine on attention network in children with attention deficit hyperactivity disorder during oddball paradigms as assessed using functional near-infrared spectroscopy. Neurophotonics, 2014, 1, 025007.	3.3	27
51	Neuropharmacological effect of methylphenidate on attention network in children with attention deficit hyperactivity disorder during oddball paradigms as assessed using functional near-infrared spectroscopy. Neurophotonics, 2014, 1, 015001.	3.3	27
52	Functional near-infrared spectroscopy for human brain mapping of taste-related cognitive functions. Journal of Bioscience and Bioengineering, 2007, 103, 207-215.	2.2	26
53	Referential framework for transcranial anatomical correspondence for fNIRS based on manually traced sulci and gyri of an infant brain. Neuroscience Research, 2014, 80, 55-68.	1.9	26
54	Language-specific cortical activation patterns for verbal fluency tasks in Japanese as assessed by multichannel functional near-infrared spectroscopy. Brain and Language, 2013, 126, 208-216.	1.6	25

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55	Infantsâ€™ recognition of objects using canonical color. Journal of Experimental Child Psychology, 2010, 105, 256-263.	1.4	24
56	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. Frontiers in Human Neuroscience, 2019, 13, 7.	2.0	22
57	Prefrontal activity during flavor difference test: Application of functional near-infrared spectroscopy to sensory evaluation studies. Appetite, 2006, 47, 220-232.	3.7	21
58	Consumer valuation of packaged foods. Interactive effects of amount and accessibility of information. Appetite, 2008, 51, 628-634.	3.7	21
59	Conjoint Analysis on the Purchase Intent for Traditional Fermented Soy Product (Natto) among Japanese Housewives. Journal of Food Science, 2011, 76, S217-24.	3.1	21
60	Activation in ventro-lateral prefrontal cortex during the act of tasting: An fNIRS study. Neuroscience Letters, 2009, 451, 129-133.	2.1	20
61	MinR 10/20 system: Quantitative and reproducible cranial landmark setting method for MRI based on minimum initial reference points. Journal of Neuroscience Methods, 2016, 264, 86-93.	2.5	19
62	EFFECTS OF TEXTURAL CHANGES IN COOKED APPLES ON THE HUMAN BITE, AND INSTRUMENTAL TESTS. Journal of Texture Studies, 2003, 34, 499-514.	2.5	18
63	First bite for hardness judgment as haptic exploratory procedure. Physiology and Behavior, 2007, 92, 601-610.	2.1	18
64	Determination of epileptic focus side in mesial temporal lobe epilepsy using long-term noninvasive fNIRS/EEG monitoring for presurgical evaluation. Neurophotonics, 2015, 2, 025003.	3.3	18
65	Fast (100â€“175Âms) components elicited bilaterally by language production as measured by three-wavelength optical imaging. Brain Research, 2008, 1226, 124-133.	2.2	17
66	Monitoring cortical hemodynamic changes after sumatriptan injection during migraine attack by near-infrared spectroscopy. Neuroscience Research, 2011, 69, 60-66.	1.9	17
67	Therapeutic Garden With Contemplative Features Induces Desirable Changes in Mood and Brain Activity in Depressed Adults. Frontiers in Psychiatry, 2022, 13, 757056.	2.6	17
68	Overlapping of MINK and CHRNE gene loci in the course of mammalian evolution. Nucleic Acids Research, 2002, 30, 2906-2910.	14.5	16
69	Conceptualization of food choice motives and consumption among Japanese in light of meal, gender, and age effects. Food Quality and Preference, 2012, 24, 213-217.	4.6	16
70	Maternal speech shapes the cerebral frontotemporal network in neonates: A hemodynamic functional connectivity study. Developmental Cognitive Neuroscience, 2019, 39, 100701.	4.0	16
71	Atypical Dynamic-Connectivity Recruitment in Attention-Deficit/Hyperactivity Disorder Children: An Insight Into Task-Based Dynamic Connectivity Through an fNIRS Study. Frontiers in Human Neuroscience, 2020, 14, 3.	2.0	16
72	Memory Color Effect Induced by Familiarity of Brand Logos. PLoS ONE, 2013, 8, e68474.	2.5	15

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73	Macroanatomical Landmarks Featuring Junctions of Major Sulci and Fissures and Scalp Landmarks Based on the International 10â€“10 System for Analyzing Lateral Cortical Development of Infants. Frontiers in Neuroscience, 2017, 11, 394.	2.8	15
74	Package images modulate flavors in memory: Incidental learning of fruit juice flavors. Food Quality and Preference, 2012, 24, 92-98.	4.6	14
75	Eating habits in childhood relate to preference for traditional diets among young Japanese. Food Quality and Preference, 2010, 21, 843-848.	4.6	12
76	Effects of environmental context on temporal perception bias in apparent motion. Vision Research, 2011, 51, 1728-1740.	1.4	12
77	Effects of sex and proficiency in second language processing as revealed by a largeâ€scale fNIRS study of schoolâ€aged children. Human Brain Mapping, 2015, 36, 3890-3911.	3.6	12
78	Willingness-to-Pay-Associated Right Prefrontal Activation During a Single, Real Use of Cosmetics as Revealed by Functional Near-Infrared Spectroscopy. Frontiers in Human Neuroscience, 2019, 13, 16.	2.0	12
79	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. Neurophotonics, 2018, 5, 1.	3.3	12
80	Dish influences implicit gender-based food stereotypes among young Japanese adults. Appetite, 2012, 58, 940-945.	3.7	11
81	Explicit Performance in Girls and Implicit Processing in Boys: A Simultaneous fNIRSâ€“ERP Study on Second Language Syntactic Learning in Young Adolescents. Frontiers in Human Neuroscience, 2018, 12, 62.	2.0	11
82	Comprehensionâ€Dependent Cortical Activation During Speech Comprehension Tasks with Multiple Languages: Functional Nearâ€Infrared Spectroscopy Study. Japanese Psychological Research, 2018, 60, 300-310.	1.1	9
83	Exploring attentive task-based connectivity for screening attention deficit/hyperactivity disorder children: a functional near-infrared spectroscopy study. Neurophotonics, 2019, 6, 1.	3.3	9
84	Analyzing comprehensive palatability of cheese products by multivariate regression to its subdomains. Food Science and Nutrition, 2013, 1, 369-376.	3.4	8
85	Hypoactivation of the Right Prefrontal Cortex Underlying Motorâ€Related Inhibitory Deficits in Children with Autism Spectrum Disorder: A Functional Nearâ€Infrared Spectroscopy Study. Japanese Psychological Research, 2018, 60, 251-264.	1.1	8
86	Exploring effective multiplicity in multichannel functional near-infrared spectroscopy using eigenvalues of correlation matrices. Neurophotonics, 2015, 2, 015002.	3.3	7
87	Exploring Touristsâ€™ Perceptions of Traditional and Contemporary Hot Springs Hotels in Japan. International Journal of Hospitality and Tourism Administration, 2018, 19, 336-360.	2.5	7
88	Trajectories of Posttraumatic Growth and Their Associations With Quality of Life After the 2011 Tohoku Earthquake and Tsunami. Journal of Traumatic Stress, 2020, 34, 512-525.	1.8	6
89	Language Familiarity and Proficiency Leads to Differential Cortical Processing During Translation Between Distantly Related Languages. Frontiers in Human Neuroscience, 2021, 15, 593108.	2.0	6
90	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. Neurophotonics, 2020, 7, 1.	3.3	6

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91	A deep convolutional neural network for estimating hemodynamic response function with reduction of motion artifacts in fNIRS. Journal of Neural Engineering, 2022, 19, 016017.	3.5	6
92	Cerebral Hemodynamic Response During Concealment of Information About a Mock Crime: Application of a General Linear Model With an Adaptive Hemodynamic Response Function. Japanese Psychological Research, 2018, 60, 311-326.	1.1	5
93	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
94	Adaptive hemodynamic response function to optimize differential temporal information of hemoglobin signals in functional near-infrared spectroscopy. , 2012, , .		4
95	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. Neurophotonics, 2018, 5, 1.	3.3	4
96	Gender-Based Food Stereotypes Among Young Japanese. , 2011, , 2201-2213.		3
97	Reaction time as an indicator of stimulusâ€response binding in affective judgment of visual stimuli¹. Japanese Psychological Research, 2012, 54, 335-347.	1.1	3
98	Direct cortical hemodynamic mapping of somatotopy of pig nostril sensation by functional near-infrared cortical imaging (fNCI). NeuroImage, 2014, 91, 138-145.	4.2	3
99	Biases in paired preference tests: Crossâ€cultural comparison of Japanese and American consumers. Journal of Sensory Studies, 2019, 34, e12498.	1.6	3
100	Head errors of syntactic dependency increase neuromagnetic mismatch intensities. Experimental Brain Research, 2020, 238, 2137-2160.	1.5	3
101	A Willingness-to-Pay Associated Right Prefrontal Activation During a Single, Real Use of Lipsticks as Assessed Using Functional Near-Infrared Spectroscopy. Frontiers in Neuroergonomics, 2021, 2, .	1.1	3
102	Toward standardizing spatial analysis for optical topography. , 2007, , .		2
103	Superiority of Experts Over Novices in Trueness and Precision of Concentration Estimation of Sodium Chloride Solutions. Chemical Senses, 2013, 38, 251-258.	2.0	2
104	Rice deprivation affects rice cravings in Japanese people. Food Quality and Preference, 2015, 46, 9-16.	4.6	2
105	Mental representation of domestic cooking operations among Japanese consumers. International Journal of Gastronomy and Food Science, 2018, 13, 38-46.	3.0	2
106	Using a Data-Driven Approach to Estimate Second-Language Proficiency From Brain Activation: A Functional Near-Infrared Spectroscopy Study. Frontiers in Neuroscience, 2020, 14, 694.	2.8	2
107	Evoked potential mapping of the rostral region by frameless navigation system in Mexican hairless pig. Journal of Neuroscience Methods, 2013, 212, 100-105.	2.5	1
108	Native non-prototypicality in vowel perception induces prominent neuromagnetic mismatch intensities in non-native speakers: a pilot study. Experimental Brain Research, 2021, 239, 937-953.	1.5	1

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109	Progress in Optical Imaging of Brain Function. Journal of the Nihon University Medical Association, 2011, 70, 145-149.	0.0	1
110	A semi-learning algorithm for noise rejection: an fNIRS study on ADHD children. , 2017, , .		0
111	fNIRS-Based Clinical Assessment of ADHD Children. , 0, , .		0
112	Editorial: fNIRS in Psychological Research: Functional Neuroimaging Beyond Conventional Fields. Japanese Psychological Research, 2018, 60, 191-195.	1.1	0
113	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
114	The neural basis underlying impaired recognition of angry expression in ADHD children measured by near-infrared spectroscopy. Journal of Vision, 2019, 19, 24c.	0.3	0
115	Neural basis of facial expression processing of ADHD children measured by functional near-infrared spectroscopy. The Proceedings of the Annual Convention of the Japanese Psychological Association, 2019, 83, 1D-041-1D-041.	0.0	0
116	Toward Sensibility Evaluation of Effects of Environment Using fNIRS Neuroimaging. Transactions of Japan Society of Kansei Engineering, 2022, 20, 14-23.	0.1	0