Hasan Ayaz

List of Publications by Year
in descending order

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178	5,109	109321	118850
papers	citations	35 h-index	62 g-index

194	194	194	4127
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optical brain monitoring for operator training and mental workload assessment. NeuroImage, 2012, 59, 36-47.	4.2	526
2	Continuous monitoring of brain dynamics with functional near infrared spectroscopy as a tool for neuroergonomic research: empirical examples and a technological development. Frontiers in Human Neuroscience, 2013, 7, 871.	2.0	211
3	Functional near-infrared neuroimaging. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2005, 13, 153-159.	4.9	207
4	Using MazeSuite and Functional Near Infrared Spectroscopy to Study Learning in Spatial Navigation. Journal of Visualized Experiments, 2011, , .	0.3	153
5	Best practices for fNIRS publications. Neurophotonics, 2021, 8, 012101.	3.3	142
6	Measuring speakerâ€“listener neural coupling with functional near infrared spectroscopy. Scientific Reports, 2017, 7, 43293.	3.3	135
7	Sliding-window motion artifact rejection for Functional Near-Infrared Spectroscopy. , 2010, 2010, 6567-70.		124
8	Does a Combination of Virtual Reality, Neuromodulation and Neuroimaging Provide a Comprehensive Platform for Neurorehabilitation? â€“ A Narrative Review of the Literature. Frontiers in Human Neuroscience, 2016, 10, 284.	2.0	119
9	Wearable functional near infrared spectroscopy (fNIRS) and transcranial direct current stimulation (tDCS): expanding vistas for neurocognitive augmentation. Frontiers in Systems Neuroscience, 2015, 9, 27.	2.5	117
10	Into the Wild: Neuroergonomic Differentiation of Hand-Held and Augmented Reality Wearable Displays during Outdoor Navigation with Functional Near Infrared Spectroscopy. Frontiers in Human Neuroscience, 2016, 10, 216.	2.0	108
11	Comparison of Brain Activation during Motor Imagery and Motor Movement Using fNIRS. Computational Intelligence and Neuroscience, 2017, 2017, 1-12.	1.7	106
12	Enhancing dual-task performance with verbal and spatial working memory training: Continuous monitoring of cerebral hemodynamics with NIRS. NeuroImage, 2014, 85, 1014-1026.	4.2	103
13	A Methodology for Validating Artifact Removal Techniques for Physiological Signals. IEEE Transactions on Information Technology in Biomedicine, 2012, 16, 918-926.	3.2	91
14	Registering fNIR Data to Brain Surface Image using MRI templates. , 2006, 2006, 2671-4.		90
15	Evidence of anhedonia and differential reward processing in prefrontal cortex among post-withdrawal patients with prescription opiate dependence. Brain Research Bulletin, 2016, 123, 102-109.	3.0	89
16	Textile-templated electrospun anisotropic scaffolds for regenerative cardiac tissue engineering. Biomaterials, 2014, 35, 8540-8552.	11.4	85
17	From food waste to valueâ€added surplus products (<scp>VASP</scp>): Consumer acceptance of a novel food product category. Journal of Consumer Behaviour, 2018, 17, 57-63.	4.2	85
18	In silico vs. Over the Clouds: On-the-Fly Mental State Estimation of Aircraft Pilots, Using a Functional Near Infrared Spectroscopy Based Passive-BCI. Frontiers in Human Neuroscience, 2018, 12, 187.	2.0	84

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19	Multisubject â€œLearningâ€•for Mental Workload Classification Using Concurrent EEG, fNIRS, and Physiological Measures. Frontiers in Human Neuroscience, 2017, 11, 389.	2.0	78
20	Medial prefrontal cortex hyperactivation during social exclusion in borderline personality disorder. Psychiatry Research - Neuroimaging, 2010, 181, 233-236.	1.8	77
21	The Age of Neuroergonomics: Towards Ubiquitous and Continuous Measurement of Brain Function with fNIRS. Japanese Psychological Research, 2018, 60, 374-386.	1.1	68
22	A Systematic Review of Integrated Functional Near-Infrared Spectroscopy (fNIRS) and Transcranial Magnetic Stimulation (TMS) Studies. Frontiers in Neuroscience, 2019, 13, 84.	2.8	67
23	Functional near-infrared spectroscopy assessment of reward perception based on visual self-expression: Coloring, doodling, and free drawing. Arts in Psychotherapy, 2017, 55, 85-92.	1.2	56
24	THE EVOLUTION OF FIELD DEPLOYABLE fNIR SPECTROSCOPY FROM BENCH TO CLINICAL SETTINGS. Journal of Innovative Optical Health Sciences, 2011, 04, 239-250.	1.0	55
25	Differentiating functions of the lateral and medial prefrontal cortex in motor response inhibition. NeuroImage, 2014, 85, 423-431.	4.2	55
26	Enhancing neural efficiency of cognitive processing speed via training and neurostimulation: An fNIRS and TMS study. NeuroImage, 2019, 198, 73-82.	4.2	54
27	Cognitive Workload and Learning Assessment During the Implementation of a Next-Generation Air Traffic Control Technology Using Functional Near-Infrared Spectroscopy. IEEE Transactions on Human-Machine Systems, 2014, 44, 429-440.	3.5	53
28	Prefrontal Hemodynamics of Physical Activity and Environmental Complexity During Cognitive Work. Human Factors, 2017, 59, 147-162.	3.5	47
29	Maze Suite 1.0: A complete set of tools to prepare, present, and analyze navigational and spatial cognitive neuroscience experiments. Behavior Research Methods, 2008, 40, 353-359.	4.0	46
30	Abnormal prefrontal cortical response during affective processing in borderline personality disorder. Psychiatry Research - Neuroimaging, 2010, 182, 117-122.	1.8	46
31	Functional near-infrared spectroscopy-based correlates of prefrontal cortical dynamics during a cognitive-motor executive adaptation task. Frontiers in Human Neuroscience, 2013, 7, 277.	2.0	45
32	Monitoring expertise development during simulated UAV piloting tasks using optical brain imaging. , 2012, , .		42
33	Brain at Work and in Everyday Life as the Next Frontier: Grand Field Challenges for Neuroergonomics. Frontiers in Neuroergonomics, 2020, 1, .	1.1	42
34	Consumersâ€™ willingness to pay for upcycled foods. Food Quality and Preference, 2020, 86, 104035.	4.6	42
35	Detecting cognitive activity related hemodynamic signal for brain computer interface using functional near infrared spectroscopy. , 2007, , .		41
36	A problem-solving task specialized for functional neuroimaging: validation of the Scarborough adaptation of the Tower of London (S-TOL) using near-infrared spectroscopy. Frontiers in Human Neuroscience, 2014, 8, 185.	2.0	41

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37	Assessment of Cognitive Neural Correlates for a Functional Near Infrared-Based Brain Computer Interface System. Lecture Notes in Computer Science, 2009, , 699-708.	1.3	41
38	Implementation of fNIRS for Monitoring Levels of Expertise and Mental Workload. Lecture Notes in Computer Science, 2011, , 13-22.	1.3	41
39	Decision-making conflict and the neural efficiency hypothesis of intelligence: A functional near-infrared spectroscopy investigation. NeuroImage, 2015, 109, 307-317.	4.2	39
40	Editorial: Trends in Neuroergonomics. Frontiers in Human Neuroscience, 2017, 11, 165.	2.0	39
41	Addressing food waste: How to position upcycled foods to different generations. Journal of Consumer Behaviour, 2021, 20, 242-250.	4.2	38
42	Mental workload classification with concurrent electroencephalography and functional near-infrared spectroscopy. Brain-Computer Interfaces, 2017, 4, 175-185.	1.8	37
43	Acquisition, retention and transfer of simulated laparoscopic tasks using fNIR and a contextual interference paradigm. American Journal of Surgery, 2017, 213, 336-345.	1.8	36
44	Optical Brain Imaging to Enhance UAV Operator Training, Evaluation, and Interface Development. Journal of Intelligent and Robotic Systems: Theory and Applications, 2011, 61, 423-443.	3.4	35
45	Monitoring driver cognitive load using functional near infrared spectroscopy in partially autonomous cars. , 2016, , .		35
46	Prefrontal cortex response to drug cues, craving, and current depressive symptoms are associated with treatment outcomes in methadone-maintained patients. Neuropsychopharmacology, 2019, 44, 826-833.	5.4	35
47	Virtual and Actual Humanoid Robot Control with Four-Class Motor-Imagery-Based Optical Brain-Computer Interface. BioMed Research International, 2017, 2017, 1-13.	1.9	31
48	Basic psychological needs and neurophysiological responsiveness to decisional conflict: an event-related potential study of integrative self processes. Cognitive, Affective and Behavioral Neuroscience, 2016, 16, 848-865.	2.0	30
49	Speech Recognition via fNIRS Based Brain Signals. Frontiers in Neuroscience, 2018, 12, 695.	2.8	30
50	Early diagnosis of traumatic intracranial hematomas. Journal of Biomedical Optics, 2019, 24, 1.	2.6	30
51	Cognitive Workload Assessment of Air Traffic Controllers Using Optical Brain Imaging Sensors. Advances in Human Factors and Ergonomics Series, 2010, , 21-31.	0.2	30
52	Functional near infrared spectroscopy reveals differences in selfâ€“other processing as a function of schizotypal personality traits. Schizophrenia Research, 2005, 73, 125-127.	2.0	29
53	In search of integrative processes: Basic psychological need satisfaction predicts medial prefrontal activation during decisional conflict.. Journal of Experimental Psychology: General, 2013, 142, 967-978.	2.1	28
54	Principal States of Dynamic Functional Connectivity Reveal the Link Between Resting-State and Task-State Brain: An fMRI Study. International Journal of Neural Systems, 2018, 28, 1850002.	5.2	28

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55	Convolutional Neural Network for Hybrid fNIRS-EEG Mental Workload Classification. Advances in Intelligent Systems and Computing, 2020, , 221-232.	0.6	26
56	Tangram solved? Prefrontal cortex activation analysis during geometric problem solving. , 2012, 2012, 4724-7.		23
57	Investigation of the sourceâ€detector separation in near infrared spectroscopy for healthy and clinical applications. Journal of Biophotonics, 2019, 12, e201900175.	2.3	23
58	Applying Functional Near Infrared (fNIR) Spectroscopy to Enhance MIS Research. AIS Transactions on Human-Computer Interaction, 2014, 6, 55-73.	1.5	23
59	Mental Workload Classification From Spatial Representation of FNIRS Recordings Using Convolutional Neural Networks. , 2019, , .		22
60	The Use of Functional Near-Infrared Spectroscopy in Neuroergonomics. , 2019, , 17-25.		22
61	Multimodal Affective State Assessment Using fNIRS + EEG and Spontaneous Facial Expression. Brain Sciences, 2020, 10, 85.	2.3	22
62	A P300-based EEG-BCI for spatial navigation control. , 2012, 2012, 3841-4.		21
63	UAV Operators Workload Assessment by Optical Brain Imaging Technology (fNIR). , 2015, , 2475-2500.		21
64	Multimodal fNIRS-EEG Classification Using Deep Learning Algorithms for Brain-Computer Interfaces Purposes. Advances in Intelligent Systems and Computing, 2020, , 209-220.	0.6	21
65	Biobehavioral Aspects of the COVID-19 Pandemic: A Review. Psychosomatic Medicine, 2021, 83, 309-321.	2.0	21
66	An optical brain computer interface for environmental control. , 2011, 2011, 6327-30.		20
67	Predicting Treatment Outcomes from Prefrontal Cortex Activation for Self-Harming Patients with Borderline Personality Disorder: A Preliminary Study. Frontiers in Human Neuroscience, 2016, 10, 220.	2.0	20
68	Evaluating a four-class motor-imagery-based optical brain-computer interface. , 2014, 2014, 2000-3.		19
69	Linking trait-based phenotypes to prefrontal cortex activation during inhibitory control. Social Cognitive and Affective Neuroscience, 2016, 11, 55-65.	3.0	19
70	Electrodermal Activity in Ambulatory Settings: A Narrative Review of Literature. Advances in Intelligent Systems and Computing, 2020, , 91-102.	0.6	19
71	Towards a Hybrid P300-Based BCI Using Simultaneous fNIR and EEG. Lecture Notes in Computer Science, 2013, , 335-344.	1.3	18
72	Using Brain Activity to Predict Task Performance and Operator Efficiency. Lecture Notes in Computer Science, 2012, , 147-155.	1.3	18

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73	Neural correlates of cognitive decline in ALS: An fNIRS study of the prefrontal cortex. Cognitive Neuroscience, 2013, 4, 115-121.	1.4	16
74	Neural Efficiency Metrics in Neuroergonomics. , 2019, , 133-140.		16
75	A New Statistical Approach for fNIRS Hyperscanning to Predict Brain Activity of Preschoolersâ€™ Using Teacherâ€™s. Frontiers in Human Neuroscience, 2021, 15, 622146.	2.0	16
76	Evaluation of light detector surface area for functional Near Infrared Spectroscopy. Computers in Biology and Medicine, 2017, 89, 68-75.	7.0	15
77	Decision Support and Shared Decision Making About Active Surveillance Versus Active Treatment Among Men Diagnosed with Low-Risk Prostate Cancer: a Pilot Study. Journal of Cancer Education, 2018, 33, 180-185.	1.3	14
78	The association of prefrontal cortex response during a natural reward cue-reactivity paradigm, anhedonia, and demoralization in persons maintained on methadone. Addictive Behaviors, 2021, 113, 106673.	3.0	14
79	Brain-in-the-Loop Learning Using fNIR and Simulated Virtual Reality Surgical Tasks: Hemodynamic and Behavioral Effects. Lecture Notes in Computer Science, 2015, , 324-335.	1.3	13
80	Neural Adaptation to a Working Memory Task: A Concurrent EEG-fNIRS Study. Lecture Notes in Computer Science, 2015, , 268-280.	1.3	13
81	Neural correlates of decision making on whole body yaw rotation: An fNIRS study. Neuroscience Letters, 2017, 654, 56-62.	2.1	13
82	Visuospatial task-related prefrontal activity is correlated with negative symptoms in schizophrenia. Scientific Reports, 2019, 9, 9575.	3.3	13
83	Neuroergonomic Assessment of Hot Beverage Preparation and Consumption: An EEG and EDA Study. Frontiers in Human Neuroscience, 2020, 14, 175.	2.0	13
84	Increased neural activity in the right dorsolateral prefrontal cortex during a risky decision-making task is associated with cocaine use in methadone-maintained patients. Drug and Alcohol Dependence, 2019, 205, 107650.	3.2	12
85	Effects of Transcranial Direct Current Stimulation on Baseline and Slope of Prefrontal Cortex Hemodynamics During a Spatial Working Memory Task. Frontiers in Human Neuroscience, 2020, 14, 64.	2.0	12
86	Neurophysiological Evaluation of Haptic Feedback for Myoelectric Prostheses. IEEE Transactions on Human-Machine Systems, 2021, 51, 253-264.	3.5	12
87	Brain in the Loop: Assessing Learning Using fNIR in Cognitive and Motor Tasks. Lecture Notes in Computer Science, 2011, , 240-249.	1.3	12
88	Estimation of Cognitive Workload during Simulated Air Traffic Control Using Optical Brain Imaging Sensors. Lecture Notes in Computer Science, 2011, , 549-558.	1.3	12
89	Evaluation of evoked responses to pulse-matched high frequency and intermittent theta burst transcranial magnetic stimulation using simultaneous functional near-infrared spectroscopy. Neurophotonics, 2017, 4, 1.	3.3	12
90	Need fulfillment and the modulation of medial prefrontal activity when judging remembered past, perceived present, and imagined future identities. Self and Identity, 2018, 17, 259-275.	1.6	11

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91	Impact of Tea and Coffee Consumption on Cognitive Performance: An fNIRS and EDA Study. Applied Sciences (Switzerland), 2020, 10, 2390.	2.5	11
92	Bridging Brain and Educational Sciences: An Optical Brain Imaging Study of Visuospatial Reasoning. Procedia, Social and Behavioral Sciences, 2011, 29, 300-309.	0.5	10
93	Comparison of Functional Connectivity Estimated from Concatenated Task-State Data from Block-Design Paradigm with That of Continuous Task. Computational and Mathematical Methods in Medicine, 2017, 2017, 1-11.	1.3	10
94	Assessment of Prefrontal Cortex Activity in Amyotrophic Lateral Sclerosis Patients with Functional Near Infrared Spectroscopy. Journal of Neuroscience and Neuroengineering, 2014, 3, 41-51.	0.2	10
95	MindTactics: A Brain Computer Interface gaming platform. , 2010, , .		9
96	A methodology for validating artifact removal techniques for fNIRS. , 2011, 2011, 4943-6.		9
97	Infrascanner: Cost Effective, Mobile Medical Imaging System for Detecting Hemotomas. Journal of Medical Devices, Transactions of the ASME, 2011, 5, .	0.7	8
98	Modulation of Functional Connectivity and Activation during Preparation for Hand Movement. IIE Transactions on Occupational Ergonomics and Human Factors, 2016, 4, 175-187.	0.4	8
99	The Effect of Anthropomorphization and Gender of a Robot on Human-Robot Interactions. Advances in Intelligent Systems and Computing, 2020, , 357-362.	0.6	8
100	Applications of Functional Near Infrared Imaging: Case Study on UAV Ground Controller. Lecture Notes in Computer Science, 2011, , 608-617.	1.3	8
101	Hemodynamic correlates of visuomotor motor adaptation by functional Near Infrared Spectroscopy. , 2010, 2010, 2918-21.		7
102	Neural correlates of affective context in facial expression analysis: A simultaneous EEG-fNIRS study. , 2015, , .		7
103	Portable and Wearable Brain Technologies for Neuroenhancement and Neurorehabilitation. BioMed Research International, 2018, 2018, 1-2.	1.9	7
104	Textile technologies for 3D scaffold engineering. , 2018, , 175-201.		7
105	Functional Near-Infrared Spectroscopy. , 2019, , 169-173.		7
106	Web Usability Testing With Concurrent fNIRS and Eye Tracking. , 2019, , 181-186.		7
107	Exploratory fNIRS Assessment of Differences in Activation in Virtual Reality Visual Self-Expression Including With a Fragrance Stimulus. Art Therapy, 2022, 39, 128-137.	0.8	7
108	Projections and the Potential Societal Impact of the Future of Neurotechnologies. Frontiers in Neuroscience, 2021, 15, 658930.	2.8	7

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109	An Optical Brain Imaging Study on the Improvements in Mathematical Fluency from Game-based Learning. , 2015, , .		6
110	Investigation of Functional Near Infrared Spectroscopy in Evaluation of Pilot Expertise Acquisition. Lecture Notes in Computer Science, 2015, , 232-243.	1.3	6
111	Multilayer, Dynamic, Mixed Solid/Liquid Human Head Models for the Evaluation of Near Infrared Spectroscopy Systems. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 8441-8451.	4.7	6
112	Neuroergonomic Assessment of Wheelchair Control Using Mobile fNIRS. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 1488-1496.	4.9	6
113	Functional Near-Infrared Spectroscopy in Addiction Treatment: Preliminary Evidence as a Biomarker of Treatment Response. Lecture Notes in Computer Science, 2013, , 250-258.	1.3	6
114	Human Performance Assessment Study in Aviation Using Functional Near Infrared Spectroscopy. Lecture Notes in Computer Science, 2013, , 433-442.	1.3	6
115	Behavioral and Neural Effects of Game-Based Learning on Improving Computational Fluency With Numbers. Zeitschrift Fur Psychologie / Journal of Psychology, 2016, 224, 297-302.	1.0	6
116	Neuroadaptive Training via fNIRS in Flight Simulators. Frontiers in Neuroergonomics, 2022, 3, .	1.1	6
117	Detection of attention shift for asynchronous P300-based BCI. , 2012, 2012, 3850-3.		5
118	Predicting Future Performance based on Current Brain Activity: An fNIRS and EEG Study. , 2019, , .		5
119	Eye Tracking-Based Workload and Performance Assessment for Skill Acquisition. Advances in Intelligent Systems and Computing, 2020, , 129-141.	0.6	5
120	Developing an Optical Brain-Computer Interface for Humanoid Robot Control. Lecture Notes in Computer Science, 2016, , 3-13.	1.3	5
121	Brain in the Loop Learning Using Functional Near Infrared Spectroscopy. Lecture Notes in Computer Science, 2013, , 381-389.	1.3	5
122	Optical Brain Imaging to Enhance UAV Operator Training, Evaluation, and Interface Development. , 2010, , 423-443.		5
123	Medial prefrontal brain activity correlates with emerging symptoms of anxiety and depression in late adolescence: A fNIRS study. Developmental Psychobiology, 2021, 63, e22199.	1.6	5
124	Brain and behavior in health communication: The Canadian COVID-19 Experiences Project. Brain, Behavior, & Immunity - Health, 2022, 22, 100467.	2.5	5
125	Breast tumor imaging using NIR LED based handheld continuous-wave imager. , 0, , .		4
126	Neurofeedback for Personalized Adaptive Training. Advances in Intelligent Systems and Computing, 2018, , 83-94.	0.6	4

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127	Progress and Direction in Neuroergonomics. , 2019, , 3-7.		4
128	Treatment Status Predicts Differential Prefrontal Cortical Responses to Alcohol and Natural Reinforcer Cues among Alcohol Dependent Individuals. Lecture Notes in Computer Science, 2012, , 183-191.	1.3	4
129	Medical Interviewing with a Robot Instead of a Doctor. , 2020, , .		4
130	EEG band powers for characterizing user engagement in P300-BCI. , 2013, , .		3
131	Augmented Reality Integrated Brain Computer Interface for Smart Home Control. Lecture Notes in Networks and Systems, 2021, , 89-97.	0.7	3
132	Examining the Neural Correlates of Incidental Facial Emotion Encoding Within the Prefrontal Cortex Using Functional Near-Infrared Spectroscopy. Lecture Notes in Computer Science, 2016, , 102-112.	1.3	3
133	Comparison of Machine Learning Approaches for Motor Imagery Based Optical Brain Computer Interface. Advances in Intelligent Systems and Computing, 2019, , 124-134.	0.6	3
134	Using fNIRS and EDA to Investigate the Effects of Messaging Related to a Dimensional Theory of Emotion. Advances in Intelligent Systems and Computing, 2020, , 59-67.	0.6	3
135	Altered prefrontal activation during the inhibition of eating responses in women with bulimia nervosa. Psychological Medicine, 2023, 53, 3580-3590.	4.5	3
136	Functional brain activity monitoring during Unmanned Aerial Vehicle coordination. , 2012, , .		2
137	Is Functional Near Infrared Spectroscopy (fNIRS) Appropriate for your Research?. Proceedings of the Human Factors and Ergonomics Society, 2016, 60, 188-190.	0.3	2
138	Cognitive Considerations in Auditory User Interfaces: Neuroergonomic Evaluation of Synthetic Speech Comprehension. Lecture Notes in Computer Science, 2017, , 106-116.	1.3	2
139	Assessing Working Memory Load in Real Flight Condition With Wireless fNIRS. , 2018, , 213-214.		2
140	Effects of prefrontal theta burst stimulation on neuronal activity and subsequent eating behavior: an interleaved rTMS and fNIRS study. Social Cognitive and Affective Neuroscience, 2023, 18, .	3.0	2
141	Differential Prefrontal Response during Natural and Synthetic Speech Perception: An fNIR Based Neuroergonomics Study. Lecture Notes in Computer Science, 2013, , 241-249.	1.3	2
142	Reliability of Consumer Choices for Conflicting Price Promotions. Advances in Intelligent Systems and Computing, 2020, , 103-109.	0.6	2
143	Editorial: Neurotechnologies for Human Augmentation. Frontiers in Neuroscience, 2021, 15, 789868.	2.8	2
144	Designing Manâ€™s New Best Friend: Enhancing Human-Robot Dog Interaction through Dog-Like Framing and Appearance. Sensors, 2022, 22, 1287.	3.8	2

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145	Neuroergonomic assessment of developmental coordination disorder. Scientific Reports, 2022, 12, .	3.3	2
146	Educational neuroscience with fNIR and simulation training of surgical tasks. Journal of the American College of Surgeons, 2015, 221, e9.	0.5	1
147	Evaluating Neural Correlates of Constant-Therapy Neurorehabilitation Task Battery: An fNIRS Pilot Study. Lecture Notes in Computer Science, 2016, , 231-241.	1.3	1
148	Observing the Brain-on-Task using Functional Optical Brain Monitoring. , 2018, , .		1
149	Embodied and Situated Cognitive Neuroscience. , 2018, , 297.		1
150	Predicting Audience Preferences for Television Advertisements Using Functional Brain Imaging. , 2018, , 265-266.		1
151	Does Comfort with Technology Affect Use of Wealth Management Platforms? Usability Testing with fNIRS and Eye-Tracking. Advances in Intelligent Systems and Computing, 2019, , 83-90.	0.6	1
152	Examining the relationships among adolescent health behaviours, prefrontal function, and academic achievement using fNIRS. Developmental Cognitive Neuroscience, 2021, 50, 100983.	4.0	1
153	Evaluating Effects of Environmental and Financial-Savings Messaging on Decision-Making Using Electrodermal Activity. Advances in Intelligent Systems and Computing, 2021, , 175-182.	0.6	1
154	Evaluation of UAS Camera Operator Interfaces in a Simulated Task Environment: An Optical Brain Imaging Approach. Lecture Notes in Computer Science, 2012, , 62-71.	1.3	1
155	A Cross-Sectional Study Using Wireless Electrocardiogram to Investigate Physical Workload of Wheelchair Control in Real World Environments. Advances in Intelligent Systems and Computing, 2020, , 14-25.	0.6	1
156	Phantom and Model-Based Near Infrared Spectroscopy Measurements of Intracranial Hematoma From Infants to Adults. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-9.	4.7	1
157	Interpersonal traits and the neural representations of cognitive control in the prefrontal cortex. Cognitive, Affective and Behavioral Neuroscience, 2022, , 1.	2.0	1
158	Medial prefrontal activity during self-other judgments is modulated by relationship need fulfillment. Social Neuroscience, 2022, 17, 236-245.	1.3	1
159	Preliminary study of neurocognitive differences in attention and fluency in Schizophrenia using fNIRS. , 2017, , .		0
160	Head Injury - Soccer. Medicine and Science in Sports and Exercise, 2017, 49, 22-23.	0.4	0
161	Functional Near Infrared Spectroscopy Identifies Changes in Cognitive Workload Following Pediatric Concussion. Medicine and Science in Sports and Exercise, 2018, 50, 108-109.	0.4	0
162	Using Neural Correlates for Enhancing Customer Experience Through Effective Visual Price Placement. , 2018, , 285-286.		0

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163	A Functional Near Infra-red (fNIRS) Neurocorrelate of Loss of Control Eating (P08-017-19). Current Developments in Nutrition, 2019, 3, nzz044.P08-017-19.	0.3	0
164	Interacting Effects of Self-reported Physical Activity and Protein Preloads on fNIRS Measured Brain Activation During Ice Cream Intake (P08-012-19). Current Developments in Nutrition, 2019, 3, nzz044.P08-012-19.	0.3	0
165	Brain Based Assessment of Consumer Preferences for Cognition Enhancing Hot Beverages. Advances in Intelligent Systems and Computing, 2020, , 68-77.	0.6	0
166	Amyotrophic Lateral Sclerosis Disease Progression Presents Difficulties in Brain Computer Interface Use. Lecture Notes in Networks and Systems, 2021, , 70-77.	0.7	0
167	Interpersonal Synchrony Protocol for Cooperative Team Dynamics During Competitive E-Gaming. Lecture Notes in Networks and Systems, 2021, , 149-156.	0.7	0
168	Assessing the Impact of Ad Characteristics on Consumer Behavior and Electrodermal Activity. Lecture Notes in Networks and Systems, 2021, , 157-165.	0.7	0
169	Machine Usability Effects on Preferences for Hot Drinks. Advances in Intelligent Systems and Computing, 2019, , 376-382.	0.6	0
170	Neural Correlates of Math Anxiety of Consumer Choices on Price Promotions. Advances in Intelligent Systems and Computing, 2019, , 152-160.	0.6	0
171	The Effects of Incentives in a Choice-Based Conjoint Pricing Study. Advances in Intelligent Systems and Computing, 2020, , 84-90.	0.6	0
172	The Effects of Advertising on Cognitive Performance. Advances in Intelligent Systems and Computing, 2020, , 78-83.	0.6	0
173	Measuring the Effects of Messaging on Consumer Decision-Making Using Functional Near Infrared Spectroscopy. Advances in Intelligent Systems and Computing, 2021, , 183-189.	0.6	0
174	Developing a tDCS-Enhanced Dual-Task Flight Simulator for Evaluating Learning. Advances in Intelligent Systems and Computing, 2021, , 149-155.	0.6	0
175	Neural correlates of cognitive control in women with a history of sexual violence suggest altered prefrontal cortical activity during cognitive processing. Women's Health, 2022, 18, 174550572210813.	1.5	0
176	083â€…Neural efficiency among concussed and uninjured adolescents during an N-back task: a preliminary functional near-infrared spectroscopy study. , 2022, , .		0
177	086â€…Prefrontal cortical activation of concussed and uninjured adolescents during distraction events in a simulated driving assessment: an exploratory functional near-infrared spectroscopy study. , 2022, , .		0
178	Registering fNIR Data to Brain Surface Image using MRI templates. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0